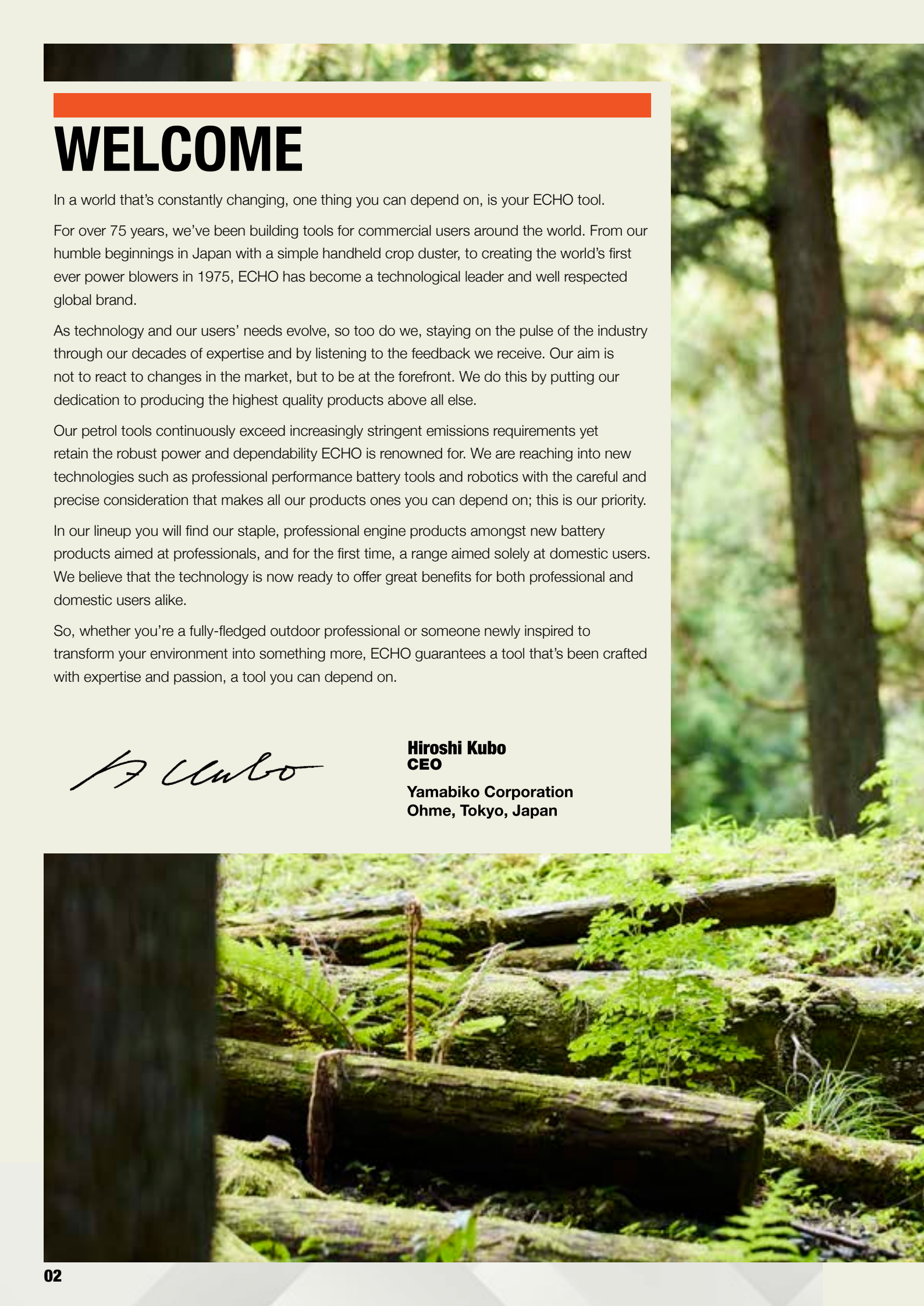




# MASTER PRODUCT CATALOGUE 2024

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**DEPEND ON IT**



# WELCOME

In a world that's constantly changing, one thing you can depend on, is your ECHO tool.

For over 75 years, we've been building tools for commercial users around the world. From our humble beginnings in Japan with a simple handheld crop duster, to creating the world's first ever power blowers in 1975, ECHO has become a technological leader and well respected global brand.

As technology and our users' needs evolve, so too do we, staying on the pulse of the industry through our decades of expertise and by listening to the feedback we receive. Our aim is not to react to changes in the market, but to be at the forefront. We do this by putting our dedication to producing the highest quality products above all else.

Our petrol tools continuously exceed increasingly stringent emissions requirements yet retain the robust power and dependability ECHO is renowned for. We are reaching into new technologies such as professional performance battery tools and robotics with the careful and precise consideration that makes all our products ones you can depend on; this is our priority.

In our lineup you will find our staple, professional engine products amongst new battery products aimed at professionals, and for the first time, a range aimed solely at domestic users. We believe that the technology is now ready to offer great benefits for both professional and domestic users alike.

So, whether you're a fully-fledged outdoor professional or someone newly inspired to transform your environment into something more, ECHO guarantees a tool that's been crafted with expertise and passion, a tool you can depend on.



**Hiroshi Kubo**  
**CEO**

**Yamabiko Corporation**  
**Ohme, Tokyo, Japan**



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# THE ESSENCE OF ECHO

After a hard day's work with your chain saw, brushcutter, blower or hedge trimmer, do you ever spend time thinking about your ECHO tool? Do you ever wonder if it will easily start the next time you need it, will it have enough power or will it last until the job is done? Probably not. You don't have to think about your tool because we already have. Our philosophy is simple – to produce professional quality products that meet the demands of the people who use them.

The Essence of ECHO is a complex story intended to make your life simple. The many facets include:

## **Skilled Craftsmen**

For over 75 years we've been producing durable, dependable products. It starts with engineers who understand the requirements of the applications and optimise performance, durability and ergonomics. They are followed by those in manufacturing who take great pride in what they do: create components to exacting specifications and assemble them into products worthy of the ECHO name.

## **Integrated Production**

The engine is the heart of our products and we control the entire process. Our vertically integrated system starts with ingots and includes casting, machining, heat treating, polishing and plating, all done in Japan. When you are famous for your engines, you don't want to put your reputation in someone else's hands.

## **World Class Technology**

To be a global leader, you need to have cutting edge technology. We use the latest materials for strength and reduced weight. Computerised design and manufacturing allow us to meet tight tolerances, providing superior fit, finish and performance. Robots work tirelessly in tandem with our skilled associates for efficient and concise assembly of our products.

## **Relentless Commitment to Quality**

Check, check and re-check. Prototypes are field tested for months to assure they meet demanding criteria. Parts are continually measured to make sure there is no deviation. Assemblies are tested for fit. Every engine is started and measured to make sure they perform from the first pull. There are no assumptions and there is no "good enough."

# TRUST ECHO



## 5 YEAR DOMESTIC WARRANTY

5 years is a long time. Longer than you'll get from most of the equipment you buy. That's because we stand behind our products. We've been building equipment for professionals for over sixty years and that has given us an exceptional level of engineering and manufacturing expertise. As a home owner, you want long-term dependability enjoyed by professionals, and a well-built product that you can buy with confidence.



## 2 YEAR PROFESSIONAL WARRANTY

Yes, you did read that right. You can have absolute confidence in our equipment. ECHO is designed to be durable and to do what you ask it, wherever you take it. Not only that, our products are built to the highest standards of quality and performance. Our warranty is our statement of confidence and our badge of honour.



## 100% PROFESSIONAL GRADE

ECHO only builds equipment to one standard – professional. We manufacture products to suit the environment in which they will be used and the job they will be doing, and each piece of equipment is as durable as we can make it. We test our products in punishing conditions to ensure that they are capable of whatever you demand from them. So even if you don't use ECHO equipment professionally, the products you buy are already being used by people who do.



## JAPAN TECHNOLOGY

You know that equipment designed in Japan will be reliable. Well built. Dependable. Professional. Durable. Japan is the home of technological craftsmanship and the nation has won international respect for its manufacturing expertise. This global standard also extends to the equipment we manufacture and we are proud to be counted among those companies that help Japan maintain its reputation for the quality of its engineering and technology.

# WHY WE HAVE TWO PLATFO



The ECHO 56 eFORCE battery platform provides a powerful option for professional foresters, arborists, landscapers and discerning homeowners who demand versatility and options in power sources across their fleet of outdoor power equipment. 56 eFORCE means more energy, quality and professional grade performance.

# RMS AND THE DIFFERENCES?



**GARDEN**<sup>+</sup>  
SERIES

The Garden+ Series offers the optimal choice for gardening enthusiasts or those inspired to transform their outdoor space, providing a balance between being easy to use, light weight and powerful.



# TRANSFORM. YOUR GAR

## TRANSFORM. YOUR GARDEN, PLUS OUR EXPERTISE.

Your space. Your passion. Your transformation. ECHO Garden + gives you the tools you need to transform your outdoor space into something wonderful.

Created with the experience of over 75 years in the industry, Garden+ tools are the lightest weight in our product line up, whilst being easy to use and powerful. Designed to feel instinctive and comfortable in your hands, all tools are built for ease of use, precision and dependability. The newly released DPPF-310 power pruner and DHCA-310 long-reach hedge trimmer expand the lineup and offer the perfect solution to perfecting those difficult to reach areas. So, whether you're trimming, cutting, pruning or mowing, just power on and transform.

## ONE 40V BATTERY FITS ALL

Transition between jobs effortlessly with batteries that are compatible with every Garden+ tool and offer high power performance with long run times. The 40V 2Ah and 4Ah batteries at the heart of the system are compatible with every tool and provide long run times and fast charge times. The 2Ah battery is ideal for most jobs, whilst the larger 4Ah version gives you extended run times for those longer, more challenging tasks. Advanced lithium-ion technology means you get full power until the battery is completely depleted. You've got all the power you need to make that change. So, go-ahead, transform.

## A WARRANTY YOU CAN DEPEND ON

The Garden+ range of tools are all covered by our 2 + 1 domestic use warranty. Each tool comes with a 2 year domestic use warranty as standard and by registering your product at [www.echobatterytool.com](http://www.echobatterytool.com), you will receive an additional 1 year. All batteries have a fixed, 2 year warranty. ECHO expertise is built into every tool, so our warranty is our pledge that you receive a tool worthy of the ECHO name. A tool that you can depend on.



3 year consumer warranties not available in all countries. Please check with your local dealer for details.



# DEN, PLUS OUR EXPERTISE.



**GARDEN**   
SERIES

# GARDEN+



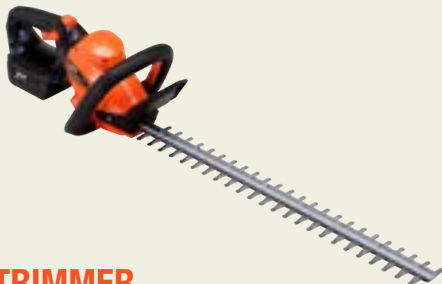
## CHAIN SAW DCS-310

Rated voltage: 36.0V // Dry weight\*<sup>1</sup>: 2.9kg //  
Bar size: 30cm / 12in



## TRIMMER DSRM-310

Rated voltage: 36.0V // Dry weight\*<sup>2</sup>: 2.35kg



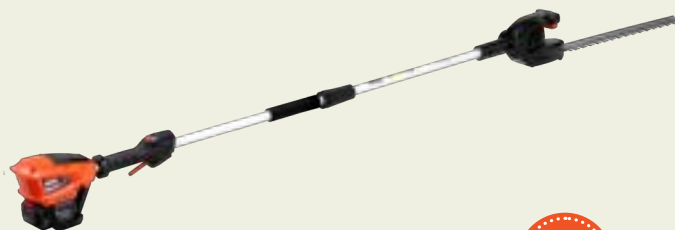
## HEDGE TRIMMER DHC-310

Rated voltage: 36.0V // Dry weight\*<sup>3</sup>: 2.65kg  
Cutting length: 604mm



## BLOWER DPB-310

Rated voltage: 36.0V // Dry weight\*<sup>4</sup>: 2.2kg  
Air volume: (STD)617m<sup>3</sup>/h, (Boost)685m<sup>3</sup>/h  
Max. air speed: (STD)45.8m/sec, (Boost)50.6m/sec



## LONG-REACH HEDGE TRIMMER DHCA-310

Rated voltage: 36.0V // Dry weight\*<sup>3</sup>: 3.60kg  
Cutting length: 488mm



## POWER PRUNER DPPF-310

Rated voltage: 36.0V // Dry weight\*<sup>1</sup>: 3.4 / 3.0\*<sup>6</sup>kg  
Bar size: 20cm / 8in



# SERIES



## LAWN MOWER (PUSH)

### DLM-310/35P

Rated voltage: 36.0V // Dry weight\*<sup>5</sup>: 14.2kg



## LAWN MOWER (PUSH)

### DLM-310/46P

Rated voltage: 36.0V // Dry weight\*<sup>5</sup>: 24.3kg



## LAWN MOWER (SELF-PROPELLED)

### DLM-310/46SP

Rated voltage: 36.0V // Dry weight\*<sup>5</sup>: 27.6kg



## BATTERY & CHARGER



## BATTERY

### LBP-36-80

Rated voltage: 36.0V // Battery type: Li-ion  
Battery capacity: 80Wh // Weight: 0.7kg



## BATTERY

### LBP-36-150

Rated voltage: 36.0V // Battery type: Li-ion  
Battery capacity: 150Wh // Weight: 1.0kg



## CHARGER

### LC-3604

Fits all ECHO Garden+ Series batteries.



# PROFESSIONAL

## POWER FOR THE PROFESSIONAL

You already know that battery tools offer low noise, zero emissions and less maintenance, but what if they could also rival the power of your professional petrol tools? Meet the Professional Battery Series, ECHO's premium battery line-up, built for professionals and powered by the ECHO 56 eFORCE lithium-ion battery.

## 56V EFFICIENT AND RELIABLE POWER SOURCE

The 56 eFORCE battery utilises the very latest in lithium-ion technology to bring you more energy, more versatility and longer run times. This means you receive the power you need no matter how heavy the workload. Both the 2.3Ah and 4.5Ah batteries are compatible across the entire range of tools (DCS-2500T is only compatible with the 2.3Ah battery). The 2.3Ah battery is light weight and ergonomic whilst the 4.5Ah battery gives you extended run times. Advanced lithium-ion technology means you get full power until the battery is completely depleted.



## TOOLS YOU CAN DEPEND ON

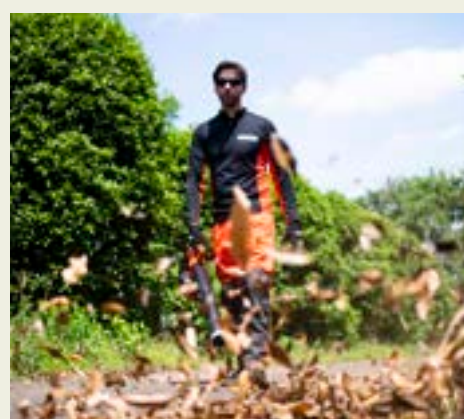
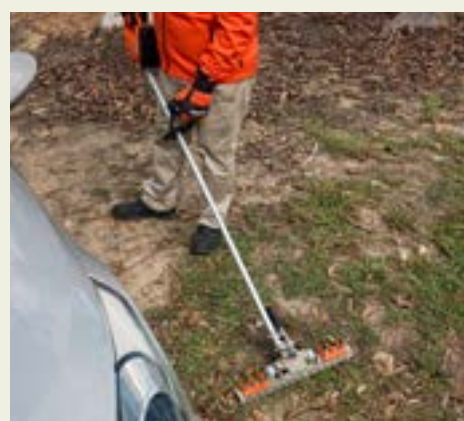
Alongside new technologies, the tools take full advantage of the features and quality ECHO is renowned for in the industry; including category leading light weight construction, quick loading professional grade trimmer heads and ergonomic handle designs. Unique features include Quick Draw on the DCS-2500T for hooking and unhooking your chain saw with one fluid motion and TWYND, found on the DPB-2600, which draws air equally from both sides giving more power and balance with unimpeded flow if one side becomes blocked. The newly released DCS-2500 is the lightest professional saw in our lineup and due to its incredible light weight and slimline design is unrivalled when it comes to jobs that require maneuverability, precision and power. The fusion of new technologies with ECHO's decades of expertise forms the backbone of the Professional Series tools.

## INDUSTRY LEADING WARRANTY

The Professional Series is backed by the same industry leading warranty as its petrol stablemates; 2 year professional use and 5 year domestic use warranties on tools, as well as a 2 year warranty on batteries. That's because ECHO products are built to the highest standards of quality and performance, meaning you can have complete confidence in our tools.



5 year consumer / 2 year commercial warranties not available in all countries.  
Please check with your local dealer for details.



# 56V BATTERY SERIES



## **CHAIN SAW** **DCS-2500T DCS-2500TC**

Rated voltage: 50.4V // Dry weight\*1: 1.7kg //  
Bar size: 20, 25cm / 8, 10in(DCS-2500T)  
Bar size: 20cm / 8in(DCS-2500T C)



## **CHAIN SAW** **DCS-2500**

Rated voltage: 50.4V // Dry weight\*1: 2.0kg //  
Bar size: 20, 25, 30cm / 8, 10, 12in



## **CHAIN SAW** **DCS-3500**

Rated voltage: 50.4V // Dry weight\*1: 2.8kg //  
Bar size: 35cm / 14in



## **TRIMMER** **DSRM-2600**

Rated voltage: 50.4V // Dry weight\*2: 3.2kg(LOOP HANDLE),  
3.7kg(U HANDLE)



LOOP HANDLE



## **BLOWER** **DPB-2600**

Rated voltage: 50.4V // Dry weight\*4: 2.5kg //  
Blowing air force: (STD)12.8N, (Boost)16.7N //  
Air volume\*5: (STD)697m<sup>3</sup>/h, (Boost)798m<sup>3</sup>/h //  
Max. air speed: (STD)69.7m/sec, (Boost)79.5m/sec



## **T-SHAPED GRASS TRIMMER** **DTT-2100**

Rated voltage: 50.4V // Dry weight\*3: 3.7kg //  
Cutting length: 464mm



\*1: Unit without battery, guide bar, saw chain and chain oil. \*2: Unit without battery, guard and edge guide. \*3: Unit with specified cutting attachment, without battery.  
\*4: Unit with blower pipes, without battery. \*5: At actual usage point (measured with blower pipes).

# PROFESSIONAL

NEW



**HEDGE TRIMMER**  
**DHC-2200R**

Rated voltage: 50.4V // Dry weight\*1: 2.9kg //  
Cutting length: 562mm



NEW



**HEDGE TRIMMER**  
**DHC-2800R**

Rated voltage: 50.4V // Dry weight\*1: 3.1kg //  
Cutting length: 714mm



NEW



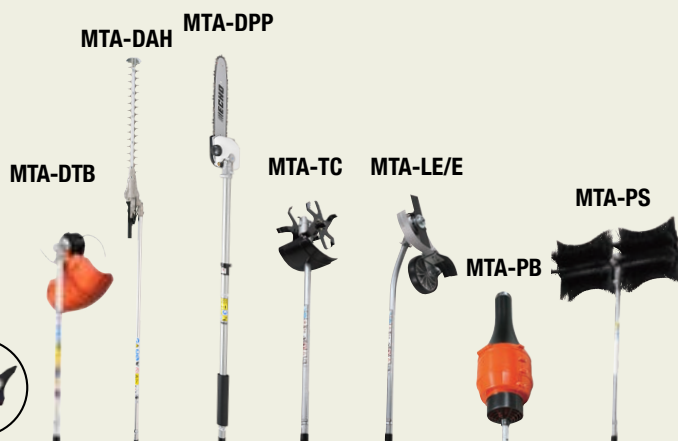
**HEDGE TRIMMER**  
**DHCS-2800**

Rated voltage: 50.4V // Dry weight\*1: 2.9kg //  
Cutting length: 714mm



**PRO ATTACHMENT SERIES™**  
**DPAS-2600**

Rated voltage: 50.4V // Dry weight\*2: 2.4kg



3 CUTTER METAL BLADE  
AS OPTION

# 56V BATTERY SERIES

## BATTERY & CHARGER

### 2.3 Ah BATTERY LBP-50-150



Rated voltage: 50.4V // Battery type: Li-ion //  
Battery capacity: 113Wh // Weight: 1.0kg



### 4.5 Ah BATTERY LBP-50-250



Rated voltage: 50.4V // Battery type: Li-ion //  
Battery capacity: 226Wh // Weight: 1.8kg



### ULTRA RAPID CHARGER LCJU-560

Battery charging time  
2.3Ah battery : 30min(80%), 42min(100%)  
4.5Ah battery : 30min(80%), 57min(100%)  
Backpack battery : 112min(80%), 168min(100%)

Fits all ECHO professional 56V batteries series.



### RAPID CHARGER LCJQ-560

Battery charging time  
2.3Ah battery : 30min(80%), 47min(100%)  
4.5Ah battery : 60min(80%), 89min(100%)  
Backpack battery : 225min(80%), 336min(100%)

Fits all ECHO professional 56V batteries series.



# MORE BATTERY &

## BATTERY POWERED PRUNING SHEARS

### CUTTING BLADES

Both upper and lower blades are movable, which provides fine cutting with higher torque.

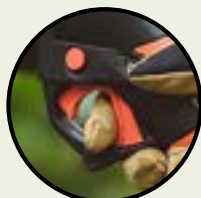
2 different sizes of cutting blades available.  
Standard: 35mm  
Option: 30mm

### TORQUE CONTROL

Cutting torque is controlled efficiently for fine cutting.

### ONE TOUCH BLADE ANGLE ADJUSTMENT

Blade opening angle can be adjusted  
with index finger.



### DPS-350

Rated voltage: 25.2V // Dry weight: 0.78kg //  
Cutting diameter: 35mm



### HIP BELT(STANDARD)

Reduces operator fatigue during operation.

#PA80034



# ELECTRIC PRODUCTS

## CORDED PRODUCTS

### CHAIN SAW

**CS-1800**  
**CS-2400**



Motor power: 2400W // Voltage: 230V // Dry weight\*1: 3.95kg //  
Bar size: 35cm(CS-1800), 40cm(CS-2400)



### HEDGE TRIMMER

**HC-500**



Motor power: 500W // Voltage: 230V //  
Dry weight: 1.9kg // Cutting length: 450mm



### HEDGE TRIMMER

**HC-560**

Motor power: 500W // AC voltage: 230V //  
Dry weight: 3.64kg // Cutting length: 560mm



### HEDGE TRIMMER

**HCR-610**

Motor power: 700W // AC voltage: 230V //  
Dry weight: 3.92kg // Cutting length: 600mm



### TRIMMER

**EGT-350**

Motor power: 350W // AC voltage: 230V //  
Dry weight\*2: 2.1kg



### TRIMMER

**EGT-520**

Motor power: 520W // AC voltage: 230V //  
Dry weight\*2: 2.9kg



\*1: Unit without guide bar, saw chain and chain oil. \*2: Unit without cutting attachment and guard.

# SPECIFICATIONS

| GARDEN+                           |                    |                               | CHAIN SAWS | POWER PRUNERS | TRIMMERS                                   | DOUBLE-SIDED HEDGE TRIMMERS         | SHAFTED HEDGE TRIMMERS | HANDHELD BLOWERS           | LAWN MOWERS (PUSH) |             | LAWN MOWERS (SELF-PROPELLED)                         |
|-----------------------------------|--------------------|-------------------------------|------------|---------------|--------------------------------------------|-------------------------------------|------------------------|----------------------------|--------------------|-------------|------------------------------------------------------|
|                                   |                    |                               | DCS-310    | DPPF-310      | DSRM-310                                   | DHC-310                             | DHCA-310               | DPB-310                    | DLM-310/35P        | DLM-310/46P | DLM-310/46SP                                         |
| Rated voltage (V)                 |                    |                               | 36.0       | 36.0          | 36.0                                       | 36.0                                | 36.0                   | 36.0                       | 36.0               | 36.0        | 36.0                                                 |
| Dry weight (kg)                   |                    |                               | 2.9*1      | 3.4*1         | 2.35*2                                     | 2.65*3                              | 3.60*3                 | 2.2*4                      | 14.2*5             | 24.3*5      | 27.6*5                                               |
| Run time (min)*6                  |                    |                               | Up to 41   | Up to 95      | 10 inch<br>Up to 92<br>12 inch<br>Up to 51 | Up to 118                           | Up to 111              | Up to 21                   | Up to 18           | Up to 45    | One battery<br>Up to 39<br>Two batteries<br>Up to 77 |
| Chain oil tank capacity (mL)      |                    |                               | 200        | 80            | -                                          | -                                   | -                      | -                          | -                  | -           | -                                                    |
| Saw chain pitch (inch)            |                    |                               | 3/8        | 3/8           | -                                          | -                                   | -                      | -                          | -                  | -           | -                                                    |
| Guide bar gauge (inch)            |                    |                               | 0.043      | 0.050         | -                                          | -                                   | -                      | -                          | -                  | -           | -                                                    |
| Applicable bar length (cm / inch) |                    |                               | 30 / 12    | 20 / 8        | -                                          | -                                   | -                      | -                          | -                  | -           | -                                                    |
| Nozzle type                       |                    |                               | -          | -             | -                                          | -                                   | -                      | Round straight             | -                  | -           | -                                                    |
| Air volume (m³/h)*7               |                    |                               | -          | -             | -                                          | -                                   | -                      | (STD) 617<br>(Boost) 685   | -                  | -           | -                                                    |
| Max air speed (m/sec)             |                    |                               | -          | -             | -                                          | -                                   | -                      | (STD) 45.8<br>(Boost) 50.6 | -                  | -           | -                                                    |
| Cutter type                       |                    |                               | -          | -             | Nylon cord                                 | 3 sides<br>sharpened<br>blade teeth | Double                 | -                          | Blade              | Blade       | Blade                                                |
| Cutting length (mm)               |                    |                               | -          | -             | 254, 305                                   | 604                                 | 488                    | -                          | -                  | -           | -                                                    |
| Cutter pitch (mm)                 |                    |                               | -          | -             | -                                          | 26                                  | 32                     | -                          | -                  | -           | -                                                    |
| Cutting swath (mm)                |                    |                               | -          | -             | -                                          | -                                   | -                      | -                          | 350                | 460         | 460                                                  |
| Cutting height (mm)               |                    |                               | -          | -             | -                                          | -                                   | -                      | -                          | 20-70              | 25-80       | 25-80                                                |
| Main shaft diameter (mm)          |                    |                               | -          | -             | 25.4                                       | -                                   | -                      | -                          | -                  | -           | -                                                    |
| Vibration levels (m/s²)*10        |                    |                               | 2.5 / 2.7  | 0.96          | 5 / 6.5                                    | 2.2 / 1.7                           | 1.4 / 1.7              | 0.6 (4Ah)                  | ≤2.5               | ≤2.5        | ≤2.5                                                 |
| Sound pressure levels (dB(A))*10  |                    |                               | 85.0       | 84.4          | 83.9                                       | 84.0                                | 85.0                   | 89.0                       | 82.0               | 84.2        | 84.2                                                 |
| Sound power levels (dB(A))*10     |                    |                               | 95.4       | 92.4          | 92.7                                       | 95.0                                | 93.0                   | 95.4                       | 89.3               | 91.7        | 91.7                                                 |
| Un-certainty<br>*10               | (K)                | Vibration levels (m/s²)       | 1.5        | 1.5           | 1.5                                        | 1.5                                 | 1.5                    | 1.5                        | 1.5                | 1.5         | 1.5                                                  |
|                                   | (K <sub>pA</sub> ) | Sound pressure levels (dB(A)) | 3.0        | 3.0           | 3.0                                        | 3.0                                 | 3.0                    | 3.0                        | 3.0                | 3.0         | 3.0                                                  |
|                                   | (K <sub>WA</sub> ) | Sound power levels (dB(A))    | 3.0        | 3.0           | 3.0                                        | 3.0                                 | 3.0                    | 3.0                        | 2.2                | 0.4         | 0.4                                                  |

| CORDED PRODUCTS                         |                    |                                      | CHAIN SAWS  |             | TRIMMERS |         | DOUBLE-SIDED HEDGE TRIMMERS |        |         |
|-----------------------------------------|--------------------|--------------------------------------|-------------|-------------|----------|---------|-----------------------------|--------|---------|
|                                         |                    |                                      | CS-1800     | CS-2400     | EGT-350  | EGT-520 | HC-500                      | HC-560 | HCR-610 |
| Motor power (W)                         |                    |                                      | 2400        | 2400        | 350      | 520     | 500                         | 500    | 700     |
| AC voltage (V)                          |                    |                                      | 230         | 230         | 230      | 230     | 230                         | 230    | 230     |
| Dry weight (kg)                         |                    |                                      | 3.95*8      | 3.95*8      | 2.1*9    | 2.9*9   | 1.9                         | 3.64   | 3.92    |
| Frequency (Hz)                          |                    |                                      | 50          | 50          | 50       | 50      | 50                          | 50     | 50      |
| Oil tank capacity (mL)                  |                    |                                      | 200         | 200         | -        | -       | -                           | -      | -       |
| Saw chain pitch (inch)                  |                    |                                      | 3/8         | 3/8         | -        | -       | -                           | -      | -       |
| Guide bar gauge (inch)                  |                    |                                      | 0.050       | 0.050       | -        | -       | -                           | -      | -       |
| Chain type                              |                    |                                      | 91PX052X    | 91PX057X    | -        | -       | -                           | -      | -       |
| Applicable bar length (cm)              |                    |                                      | 35          | 40          | -        | -       | -                           | -      | -       |
| Chain speed (m/s)                       |                    |                                      | 12          | 12          | -        | -       | -                           | -      | -       |
| Chain brake                             |                    |                                      | Automatic   | Automatic   | -        | -       | -                           | -      | -       |
| Chain tensioner                         |                    |                                      | Side access | Side access | -        | -       | -                           | -      | -       |
| Cutting length (mm)                     |                    |                                      | -           | -           | 250      | 300     | 450                         | 560    | 600     |
| Spool type                              |                    |                                      | -           | -           | "DA"     | "D"     | -                           | -      | -       |
| Rotating handle                         |                    |                                      | -           | -           | -        | -       | No                          | No     | Yes     |
| Cutter type                             |                    |                                      | -           | -           | -        | -       | Double                      | Double | Double  |
| Cutter pitch (mm)                       |                    |                                      | -           | -           | -        | -       | 18                          | 22     | 29      |
| Vibration levels (m/s <sup>2</sup> )*10 |                    |                                      | 6.1         | 6.1         | <2.5     | 3.9     | 2.6                         | 2.5    | <2.5    |
| Sound pressure levels (dB(A))*10        |                    |                                      | 90          | 90          | 82       | 82      | 88                          | 86     | 86      |
| Sound power levels (dB(A))*10           |                    |                                      | 104         | 104         | 96       | 96      | 99                          | 98     | 97      |
| Un-certainty<br>*10                     | (K)                | Vibration levels (m/s <sup>2</sup> ) | 1.5         | 1.5         | 1.5      | 1.5     | 1.5                         | 1.5    | 1.5     |
|                                         | (K <sub>pd</sub> ) | Sound pressure levels (dB(A))        | 3.0         | 3.0         | 1.3      | 1.0     | 1.0                         | 1.0    | 1.0     |
|                                         | (K <sub>WA</sub> ) | Sound power levels (dB(A))           | 3.0         | 3.0         | 1.3      | 1.3     | 1.1                         | 1.0    | 1.0     |

\*1 : Unit without battery, guide bar, saw chain and chain oil.

\*2 : Unit without battery, guard and edge guide.

\*3 : Unit with specified cutting attachment, without battery.

\*4 : Unit with blower pipes, without battery.

\*5 : Unit without battery.

\*6 : With 4Ah battery.

\*7 : At actual usage point (measured with blower pipes).

\*8 : Unit without guide bar, saw chain and chain oil.

\*9 : Unit without cutting attachment and guard.

\*10: According to test codes referred in Machinery Directive.

# SPECIFICATIONS

| PROFESSIONAL<br>56V BATTERY SERIES |                    |                                  | CHAIN SAWS     |            |                                    |                                | TRIMMERS          |                   |  |
|------------------------------------|--------------------|----------------------------------|----------------|------------|------------------------------------|--------------------------------|-------------------|-------------------|--|
|                                    |                    |                                  | DCS-2500T      | DCS-2500TC | DCS-2500                           | DCS-3500                       | DSRM-2600/U       | DSRM-2600/L       |  |
| Rated voltage (V)                  |                    |                                  | 50.4           | 50.4       | 50.4                               | 50.4                           | 50.4              | 50.4              |  |
| Dry weight (kg)                    |                    |                                  | 1.7*1          | 1.7*1      | 2.0*1                              | 2.8*1                          | 3.7*2             | 3.2*2             |  |
| Run time (min)                     |                    |                                  | Up to 30*6     | Up to 30*6 | Up to 32*6                         | Up to 49*7                     | Up to 43(SF400)*7 | Up to 43(SF400)*7 |  |
| Chain oil tank capacity (mL)       |                    |                                  | 120            | 120        | 120                                | 370                            | -                 | -                 |  |
| Saw chain pitch (inch)             |                    |                                  | 3/8 , 1/4      | 1/4        | 0.325, 1/4                         | 3/8                            | -                 | -                 |  |
| Guide bar gauge (inch)             |                    |                                  | 0.050, 0.043   | 0.043      | 0.043                              | 0.043                          | -                 | -                 |  |
| Applicable bar length (cm / inch)  |                    |                                  | 20, 25 / 8, 10 | 20 / 8     | 20, 25, 30 / 8, 10, 12             | 35 / 14                        | -                 | -                 |  |
| Nozzle type                        |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Blowing air force (N)              |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Air volume (m³/h)*9                |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Max. air speed (m/sec)             |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Cutter type                        |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Cutting length (mm)                |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Cutter pitch (mm)                  |                    |                                  | -              | -          | -                                  | -                              | -                 | -                 |  |
| Drive shaft type                   |                    |                                  | -              | -          | -                                  | -                              | Solid             | Solid             |  |
| Drive shaft diameter (mm)          |                    |                                  | -              | -          | -                                  | -                              | 7.0               | 7.0               |  |
| Main pipe diameter (mm)            |                    |                                  | -              | -          | -                                  | -                              | 25.0              | 25.0              |  |
| Gear reduction ratio               |                    |                                  | -              | -          | -                                  | -                              | 1.62              | 1.62              |  |
| Vibration levels (m/s²)*10         |                    |                                  | 3.3 / 4.3      | 3.3 / 4.3  | 3.8 / 2.1(A4S)<br>2.6 / 2.2(80TXL) | 3.03 / 2.83*6<br>2.20 / 2.45*7 | 2.1 / 1.4         | 1.3 / 1.5         |  |
| Sound pressure levels (dB(A))*10   |                    |                                  | 88.6           | 88.6       | 72.4                               | 98.6                           | 80.7              | 78.5              |  |
| Sound power levels (dB(A)) *10     |                    |                                  | 98.2           | 98.2       | 92.4                               | 106.6                          | 91.0              | 92.6              |  |
| Un-<br>certainty<br>*10            | (K)                | Vibration levels<br>(m/s²)       | 1.5            | 1.5        | 1.5                                | 1.5                            | 1.5               | 1.5               |  |
|                                    | (K <sub>pa</sub> ) | Sound pressure<br>levels (dB(A)) | 3.0            | 3.0        | 3.0                                | 3.0                            | 3.0               | 3.0               |  |
|                                    | (K <sub>wa</sub> ) | Sound power<br>levels (dB(A))    | 3.0            | 3.0        | 3.0                                | 3.0                            | 3.0               | 3.0               |  |

|  | T-SHAPED GRASS TRIMMER | PRO ATTACHMENT SERIES™ | DOUBLE-SIDED HEDGE TRIMMERS |            | SINGLE-SIDED HEDGE TRIMMERS | HANDHELD BLOWERS         |
|--|------------------------|------------------------|-----------------------------|------------|-----------------------------|--------------------------|
|  | DTT-2100               | DPAS-2600              | DHC-2200R                   | DHC-2800R  | DHCS-2800                   | DPB-2600                 |
|  | 50.4                   | 50.4                   | 50.4                        | 50.4       | 50.4                        | 50.4                     |
|  | 3.7*3                  | 2.4*7                  | 2.9*3                       | 3.1*3      | 2.9*3                       | 2.5*4                    |
|  | Up to 80*7             | -*8                    | Up to 96*6                  | Up to 96*6 | Up to 92*6                  | Up to 20*7               |
|  | -                      | -                      | -                           | -          | -                           | -                        |
|  | -                      | -                      | -                           | -          | -                           | -                        |
|  | -                      | -                      | -                           | -          | -                           | -                        |
|  | -                      | -                      | -                           | -          | -                           | -                        |
|  | -                      | -                      | -                           | -          | -                           | Round straight           |
|  | -                      | -                      | -                           | -          | -                           | (STD)12.8 / ( Boost)16.7 |
|  | -                      | -                      | -                           | -          | -                           | (STD)697 / (Boost)798    |
|  | -                      | -                      | -                           | -          | -                           | (STD)69.7 / (Boost)79.5  |
|  | Double                 | -                      | Double                      | Double     | Single                      | -                        |
|  | 464                    | -                      | 562                         | 714        | 714                         | -                        |
|  | 30                     | -                      | 38                          | 38         | 38                          | -                        |
|  | Flexible               | Flexible               | -                           | -          | -                           | -                        |
|  | 6.1                    | 6.1                    | -                           | -          | -                           | -                        |
|  | 25.0                   | 25.0                   | -                           | -          | -                           | -                        |
|  | 4.88                   | -                      | 6.86                        | 6.86       | 6.86                        | -                        |
|  | 2.7 / 0.9              | -                      | 3.2 / 3.4                   | 2.3 / 3.3  | 3.2 / 3.0                   | 0.9 / 0.6                |
|  | 86.3                   | -                      | 86.0                        | 86.2       | 89.6                        | 82.0                     |
|  | 96.8                   | -                      | 94.0                        | 94.2       | 97.6                        | 93.3                     |
|  | 1.5                    | -                      | 1.5                         | 1.5        | 1.5                         | 1.5                      |
|  | 3.0                    | -                      | 3.0                         | 3.0        | 3.0                         | 3.0                      |
|  | 1.2                    | -                      | 2.0                         | 0.6        | 1.2                         | 3.0                      |

\*1 : Unit without battery, guide bar, saw chain and chain oil.  
 \*2 : Unit without battery, guard and edge guide.  
 \*3 : Unit with specified cutting attachment, without battery.  
 \*4 : Unit with blower pipes, without battery.  
 \*5 : Unit without battery and attachment.

\*6 : With 2.3Ah battery.  
 \*7 : With 4.5Ah battery.  
 \*8 : See Pro attachments series attachment run time.  
 \*9 : At actual usage point (measured with blower pipes).  
 \*10: According to test codes referred in Machinery Directive.



**POWERFUL.  
LIGHT WEIGHT.  
GREATER  
PRODUCTIVITY.  
BEST IN CLASS PRODUCTS**



**X-series means ECHO's best in class products. More power, lighter weight and performance that will noticeably increase your productivity. Designed for professionals who demand the best and highest quality tools.**

## **Best-in-class Features**

Each model has specific, best-in-class features that are designed to help green space professionals perform their jobs better in their respective applications. Being light weight and more powerful with features like vibration reduction and longer run times all contribute to getting one job done faster and moving onto the next.

## **Withstand tough conditions**

ECHO X Series equipment is so extreme, that only the hardest working and committed can challenge the limits of its capabilities. The equipment is tested in extreme conditions to assure easy starting and smooth operation, whatever the environment. Large fuel tanks and super efficient, low emission engines allow for extended run times. Better air filtration is provided by using heavy-duty systems that minimise risk of engine troubles and prolong maintenance cycles.

## **Low weight. High power. Greater productivity**

ECHO X Series engines make this lineup exceptional. They offer a revolutionary combination of low weight and high power to get jobs done faster with less fatigue.



**ECHO**

CS-



**ECHO**

7310SX

**ECHO**

# CHAIN SAWS



## DCS-2500T DCS-2500TC

Rated voltage: 50.4V // Dry weight\*1: 1.7kg //

Bar size: 20, 25cm / 8, 10in(DCS-2500T)

Bar size: 20cm / 8in(DCS-2500T C)



## CS-2511TES CS-2511TESC

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps //

Dry weight\*2: 2.3kg // Bar size: 20, 25, 30cm / 8, 10, 12in(CS-2511TES)

Bar size: 20, 25cm / 8, 10in(CS-2511TES C)



**NEW**

## DCS-2500

Rated voltage: 50.4V // Dry weight\*1: 2.0kg //

Bar size: 20, 25, 30cm / 8, 10, 12in



## CS-2511WES

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.1kW / 1.5ps //

Dry weight\*2: 2.6kg // Bar size: 20, 25, 30cm / 8, 10, 12in





## DCS-3500

Rated voltage: 50.4V // Dry weight\*1: 2.8kg //  
Bar size: 35cm / 14in



## CS-4310SX

Engine displacement: 42.9cm<sup>3</sup> // Output: 2.3kW / 3.1ps //  
Dry weight\*2: 4.3kg //  
Bar size: 33, 35, 40, 45cm / 13, 14, 16, 18in



## CS-501SX CS-501SXH

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps //  
Dry weight\*2: 4.7kg(CS-501SX), 4.9kg(CS-501SXH) //  
Bar size: (33), 40, 45, 50cm / (13), 16, 18, 20in



## CS-621SX

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.2kW / 4.4ps //  
Dry weight\*2: 6.3kg // Bar size: 45, 50, 60cm / 18, 20, 24in



## CS-7310SX

Engine displacement: 73.5cm<sup>3</sup> // Output: 4.1kW / 5.6ps //  
Dry weight\*2: 6.8kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in









## TRIMMERS & BRUSHCUTTERS



LOOP HANDLE

### DSRM-2600

Rated voltage: 50.4V //

Dry weight\*1: 3.2kg(LOOP HANDLE), 3.7kg(U HANDLE)



LOOP HANDLE

### SRM-2621ES SRM-2621TES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //

Dry weight\*2: 5.5kg(LOOP HANDLE), 5.6kg(U HANDLE)(SRM-2621ES)

Dry weight\*2: 5.7kg(LOOP HANDLE), 5.8kg(U HANDLE)(SRM-2621TES)



LOOP HANDLE

### SRM-3021TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps //

Dry weight\*2: 5.9kg(LOOP HANDLE), 6.0kg(U HANDLE)





## SRM-3611T



Engine displacement: 36.3cm<sup>3</sup> // Output: 1.4kW / 1.9ps //  
Dry weight\*<sup>2</sup>: 6.1kg(LOOP HANDLE), 6.3kg(U HANDLE)



## SRM-420ES SRM-420TES



Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps //  
Dry weight\*<sup>2</sup>: 7.9kg(LOOP HANDLE), 8.5kg(U HANDLE)(SRM-420ES)  
Dry weight\*<sup>2</sup>: 8.0kg(LOOP HANDLE), 8.7kg(U HANDLE)(SRM-420TES)



## SRM-520ES

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps //  
Dry weight\*<sup>2</sup>: 9.0kg



## BACKPACK BRUSHCUTTERS



## RM-520ES

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps //  
Dry weight\*<sup>2</sup>: 11.9kg









## DOUBLE-SIDED HEDGE TRIMMERS



**NEW**

### DHC-2200R

Rated voltage: 50.4V //

Dry weight\*<sup>2</sup>: 2.9kg // Cutting length: 562mm



**NEW**

### DHC-2800R

Rated voltage: 50.4V //

Dry weight\*<sup>2</sup>: 3.1kg // Cutting length: 714mm



### HC-2810ESR

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //

Dry weight\*<sup>1</sup>: 5.2kg // Cutting length: 624mm



\*<sup>1</sup>: Unit with specified cutting attachment, without fuel. \*<sup>2</sup>: Unit with specified cutting attachment, without battery.

# SINGLE-SIDED HEDGE TRIMMERS



## DHCS-2800

Rated voltage: 50.4V //

Dry weight\*1: 2.9kg // Cutting length: 714mm



## HCS-2810ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //

Dry weight\*1: 4.7kg // Cutting length: 589mm



## HCS-3210ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //

Dry weight\*1: 4.8kg // Cutting length: 729mm



## HCS-3810ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //

Dry weight\*1: 4.9kg // Cutting length: 834mm



# SHAFTED HEDGE TRIMMERS

## HCAS-2620ES-HD HCA-2620ES-HD

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //

Cutting length: 536mm

(HCAS-2620ES-HD) Dry weight\*1: 6.3kg // Overall length: 1784mm

(HCA-2620ES-HD) Dry weight\*1: 6.6kg // Overall length: 2440mm





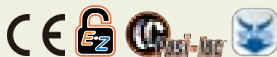






## DPB-2600

Rated voltage: 50.4V // Dry weight\*<sup>3</sup>: 2.5kg  
 Blowing air force: (STD)12.8N, (Boost)16.7N  
 Air volume\*<sup>4</sup>: (STD)697m<sup>3</sup>/h, (Boost)798m<sup>3</sup>/h  
 Max air speed: (STD)69.7m/sec, (Boost)79.5m/sec



## PB-2620

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps //  
 Dry weight\*<sup>1</sup>: 4.4kg // Blowing air force\*<sup>2</sup>: 15.8N  
 Air volume\*<sup>2</sup>: 774m<sup>3</sup>/h // Max. air speed\*<sup>2</sup>: 76.7m/sec



## PB-770

Engine displacement: 63.3cm<sup>3</sup> // Output: 3.1kW / 4.2ps //  
 Dry weight\*<sup>1</sup>: 11.3kg // Blowing air force\*<sup>2</sup>: 33.2N  
 Air volume\*<sup>2</sup>: 1284m<sup>3</sup>/h // Max. air speed\*<sup>2</sup>: 104.6m/sec



## PB-8010

Engine displacement: 79.9cm<sup>3</sup> // Output: 4.2kW / 5.7ps //  
 Dry weight\*<sup>1</sup>: 12.0kg // Blowing air force\*<sup>2</sup>: 44.4N  
 Air volume\*<sup>2</sup>: 1819m<sup>3</sup>/h // Max. air speed\*<sup>2</sup>: 94.5m/sec



\*1: Unit with blower or vacuum pipes (standardised nozzle type A), empty fuel tank.

\*2: Unit with blower pipes (standardised nozzle type A).

\*3: Unit with blower pipes, without battery.

\*4: At actual usage point (measured with blower pipes).





## POWER PRUNERS<sup>®</sup>



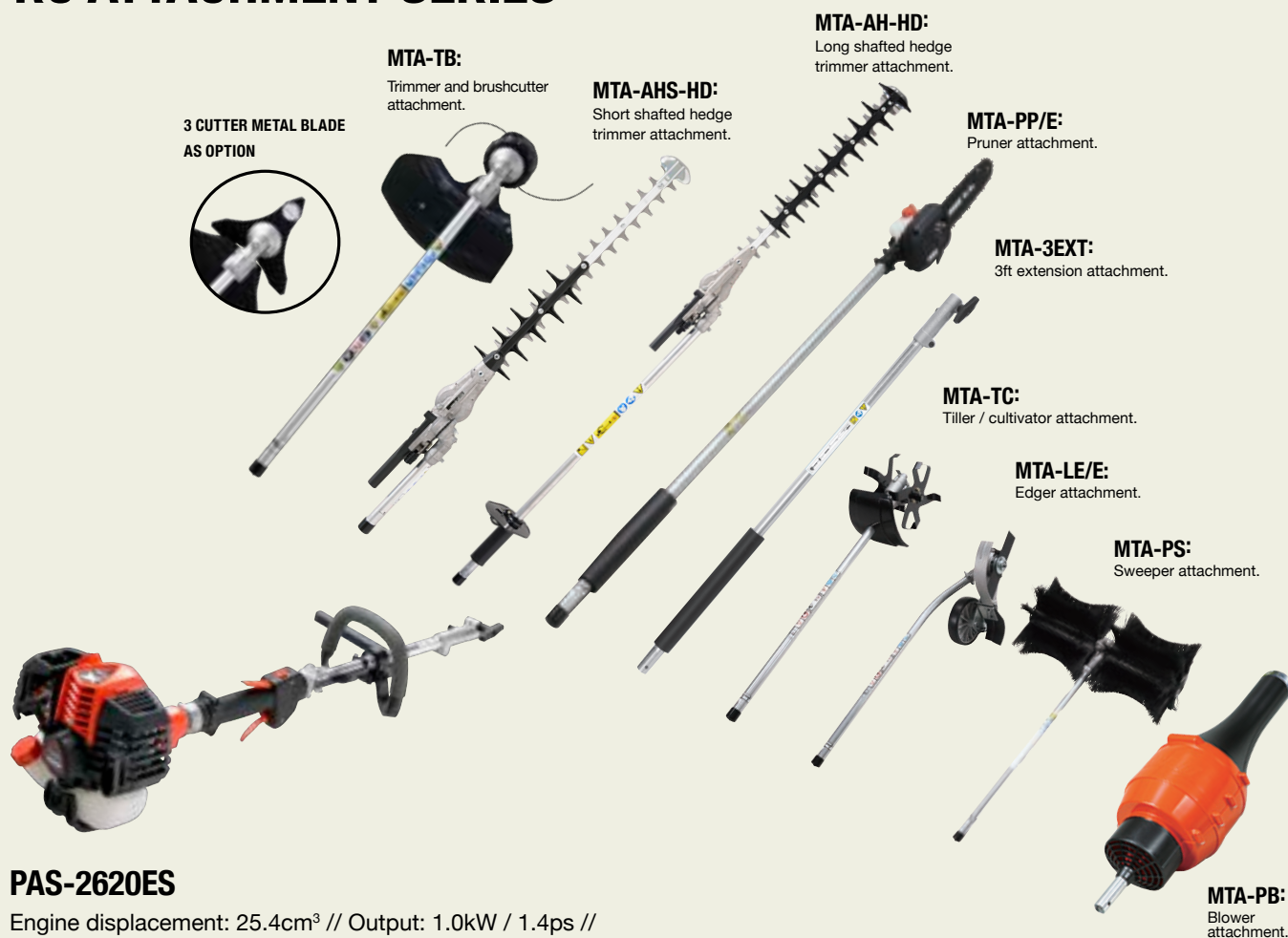
### PPT-2620ES PPT-2620HES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps  
 Dry weight\*1: 8.0kg(PPT-2620ES), 7.7kg(PPT-2620HES) //  
 Overall length: 2716-3704mm



\*1: Unit without guide bar, saw chain, harness, chain oil and fuel.

# PRO ATTACHMENT SERIES™



## PAS-2620ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*<sup>2</sup>: 4.8kg // Length: 1039mm



\*<sup>2</sup>: Unit without attachment and fuel.



## DPAS-2600

Rated voltage: 50.4V // Dry weight\*<sup>3</sup>: 2.4kg

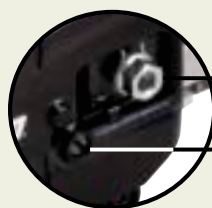


\*<sup>3</sup>: Unit without battery and attachment.

# CHAIN SAWS

## OVERVIEW

ECHO chain saws are built to last. Since our first saw in 1963 we have been innovating and improving. The lineup now extends to 73.5cm<sup>3</sup> with the inclusion of the CS-7310SX. The new DCS-2500 is the battery version of the renowned CS-2511WES, providing equivalent power and performance whilst weighing just 2.0 kg. The incredibly slimline and balanced design provides easy handling and maneuverability, making it perfect for a wide range of jobs. Features to maximise your efficiency include vibration-reduction systems, automatic oilers, inertia chain brakes, electronic management systems and our patented technology, G-Force which greatly reduces the need for engine maintenance. Whether you're cutting, pruning or felling, ECHO has a chain saw you can depend on.



**DROP PREVENTION NUTS**

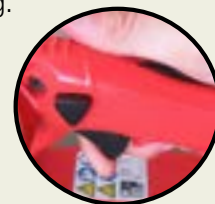
**SIDE ACCESS CHAIN TENSIONER**  
Quick chain adjustment.

**0.043 GAUGE GUIDE BAR AND CHAIN**

**OILER ADJUSTMENT ON TOP**  
For easy chain oil adjustment.

**FLIP LEVER CAP OPENING**  
Easy oil refilling.

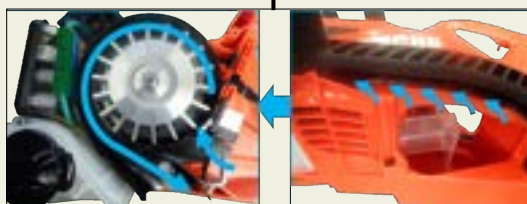
**ACTION LOCK-OUT**  
Prevents accidental starting.



**TRANSLUCENT OIL TANK**



**PALM REST WITH ERGONOMIC HANDLE**  
For precise control and comfort.



**ADVANCED FILTRATION AND COOLING SYSTEM**

Keeps your saw operating at peak performance.

**DCS-2500**





# CHAIN SAWS **TOP HANDLE**



## **DCS-2500T DCS-2500TC**

Rated voltage: 50.4V // Dry weight\*1: 1.7kg //  
Bar size: 20, 25cm / 8, 10in(DCS-2500T)  
Bar size: 20cm / 8in(DCS-2500T C)



## **CS-2511TES**

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps //  
Dry weight\*2: 2.3kg // Bar size: 20, 25, 30cm / 8, 10, 12in



Carving Bar

## **CS-2511TESC**

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps //  
Dry weight\*2: 2.3kg // Bar size: 20, 25cm / 8, 10in



## **CS-260TES**

Engine displacement: 26.9cm<sup>3</sup> // Output: 0.91kW / 1.24ps //  
Dry weight\*2: 2.9kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## **CS-280T**

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps //  
Dry weight\*2: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## **CS-280TES**

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps //  
Dry weight\*2: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



\*1: Unit without battery, guide bar, saw chain and chain oil. \*2: Unit without guide bar, saw chain, chain oil and fuel.



Carving Bar

## CS-280TESC

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps // Dry weight\*<sup>2</sup>: 3.0kg // Bar size: 25cm / 10in



## CS-3000

Engine displacement: 30.1cm<sup>3</sup> // Output: 1.04kW / 1.41ps // Dry weight\*<sup>2</sup>: 3.4kg // Bar size: 30, 35cm / 12, 14in



## CS-303T

Engine displacement: 30.1cm<sup>3</sup> // Output: 1.04kW / 1.41ps // Dry weight\*<sup>2</sup>: 3.5kg // Bar size: 30, 35cm / 12, 14in



## CS-360TES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.6kW / 2.2ps // Dry weight\*<sup>2</sup>: 3.6kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-362TES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.50kW / 2.04ps // Dry weight\*<sup>2</sup>: 3.6kg // Bar size: 30, 35cm / 12, 14in



Accessories on page 56

Batteries & Chargers on page 15

# CHAIN SAWS



NEW

## **DCS-2500**

Rated voltage: 50.4V // Dry weight\*<sup>1</sup>: 2.0kg //  
Bar size: 20, 25, 30cm / 8, 10, 12in



## **CS-2511WES**

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.1kW / 1.5ps //  
Dry weight\*<sup>2</sup>: 2.6kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## **CS-281WES**

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.09kW / 1.48ps //  
Dry weight\*<sup>2</sup>: 3.1kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## **DCS-310**

Rated voltage: 36.0V // Dry weight\*<sup>1</sup>: 2.9 //  
Bar size: 30cm / 12in



## **CS-310ES**

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.1kW / 1.5ps //  
Dry weight\*<sup>2</sup>: 4.0kg // Bar size: 30, 35cm / 12, 14in



## **CS-3510ES**

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.5kW / 2.1ps //  
Dry weight\*<sup>2</sup>: 3.7kg // Bar size: 30, 35, 40cm / 12, 14, 16 in





### CS-3510AC

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.5kW / 2.1ps // Dry weight\*<sup>2</sup>: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



### CS-3510L

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.6kW / 2.2ps // Dry weight\*<sup>2</sup>: 3.6kg // Bar size: 35, 40cm / 14, 16in



### CS-350WES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.48kW / 2.01ps // Dry weight\*<sup>2</sup>: 3.6kg // Bar size: 40cm / 16in



### CS-361WES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.49kW / 2.02ps // Dry weight\*<sup>2</sup>: 3.8kg // Bar size: 40cm / 16in



### CS-362WES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.49kW / 2.03ps // Dry weight\*<sup>2</sup>: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



Accessories on page 56

Batteries & Chargers on page 11, 15

# CHAIN SAWS



## CS-370ES

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.41kW / 1.93ps //  
Dry weight\*<sup>2</sup>: 4.6kg // Bar size: 33, 38cm / 13, 15in



## DCS-3500

Rated voltage: 50.4V // Dry weight\*<sup>1</sup>: 2.8kg //  
Bar size: 35cm / 14in



## CS-4010

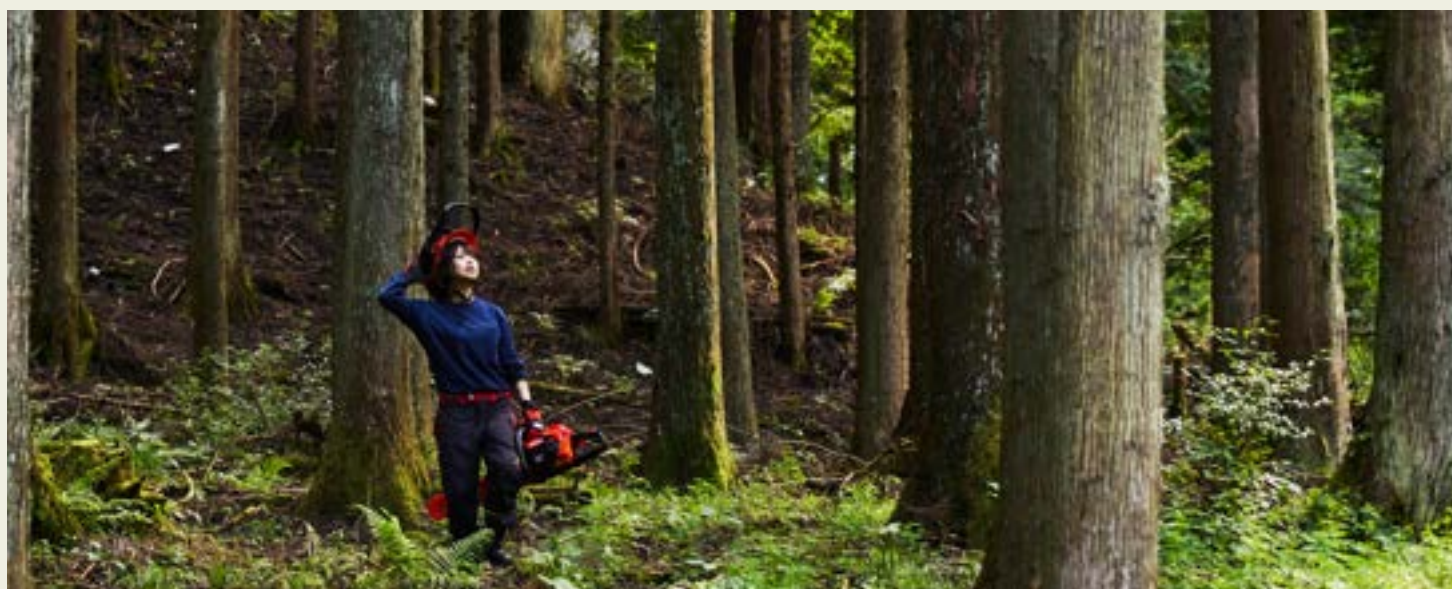
Engine displacement: 41.6cm<sup>3</sup> // Output: 1.9kW / 2.6ps //  
Dry weight\*<sup>2</sup>: 4.2kg // Bar size: 38, 45cm / 15, 18in



NEW

## CS-4010EC

Engine displacement: 41.6cm<sup>3</sup> // Output: 1.9kW / 2.6ps //  
Dry weight\*<sup>2</sup>: 4.2kg // Bar size: 38, 45cm / 15, 18in





### CS-420ES

Engine displacement: 40.2cm<sup>3</sup> // Output: 1.6kW / 2.2ps //  
Dry weight\*<sup>2</sup>: 4.6kg // Bar size: 38, 45cm / 15, 18in



### CS-4310SX

Engine displacement: 42.9cm<sup>3</sup> // Output: 2.3kW / 3.1ps //  
Dry weight\*<sup>2</sup>: 4.3kg // Bar size: 33, 35, 40, 45cm / 13, 14, 16, 18in



### CS-4510ES

Engine displacement: 45.0cm<sup>3</sup> // Output: 2.3kW / 3.1ps //  
Dry weight\*<sup>2</sup>: 5.0kg // Bar size: 33, 38, 45, 50cm / 13, 15, 18, 20in



### CS-4920

Engine displacement: 50.1cm<sup>3</sup> // Output: 2.5kW / 3.4ps //  
Dry weight\*<sup>2</sup>: 5.0kg // Bar size: 33, 38, 45, 50cm / 13, 15, 18, 20in



\*1: Unit without battery, guide bar, saw chain and chain oil.  
\*2: Unit without guide bar, saw chain, chain oil and fuel.

# CHAIN SAWS



**CS-501SX**

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps //  
Dry weight\*1: 4.7kg // Bar size: (33), 40, 45, 50cm / (13), 16, 18, 20in



**CS-501SXH** WITH HEATED HANDLE

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps //  
Dry weight\*1: 4.9kg // Bar size: 40, 45, 50cm / 16, 18, 20in



**CS-590**

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.0kW / 4.1ps //  
Dry weight\*1: 6.0kg // Bar size: 40, 45, 50cm / 16, 18, 20in



**CS-620SX**

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.3kW / 4.5ps //  
Dry weight\*1: 6.2kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



**CS-621SX**

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.2kW / 4.4ps //  
Dry weight\*1: 6.3kg // Bar size: 45, 50, 60cm / 18, 20, 24in





### CS-680S

Engine displacement: 66.8cm<sup>3</sup> // Output: 3.46kW / 4.70ps //  
 Dry weight\*1: 6.6kg // Bar size: 40, 45, 50, 60, 70cm / 16, 18, 20, 24, 28in



### CS-7310SX

Engine displacement: 73.5cm<sup>3</sup> // Output: 4.1kW / 5.6ps //  
 Dry weight\*1: 6.8kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



**Accessories on page 56**

\*1: Unit without guide bar, saw chain, chain oil and fuel.

# SPECIFICATIONS

## CHAIN SAWS

|                                                | TOP HANDLE SAWS        |                        |                |                        |                        |                        |  |
|------------------------------------------------|------------------------|------------------------|----------------|------------------------|------------------------|------------------------|--|
|                                                | CS-2511TES             |                        | CS-2511TESC    | CS-260TES              | CS-280T                | CS-280TES              |  |
| Configuration]                                 | AUS, EU, TUR           | KOR, BASIC             | EU, TUR        | KOR                    | EU                     | EU, TUR                |  |
| Engine displacement (cm³)                      | 25.0                   | 25.0                   | 25.0           | 26.9                   | 26.9                   | 26.9                   |  |
| Output (kW / ps)                               | 1.11 / 1.51            | 1.11/ 1.51             | 1.11 / 1.51    | 0.91 / 1.24            | 1.07 / 1.46            | 1.07 / 1.46            |  |
| Dry weight (kg)*1                              | 2.3                    | 2.3                    | 2.3            | 2.9                    | 3.0                    | 3.0                    |  |
| Fuel tank capacity (mL)                        | 190                    | 190                    | 190            | 240                    | 240                    | 240                    |  |
| Chain oil tank capacity (mL)                   | 140                    | 140                    | 140            | 160                    | 160                    | 160                    |  |
| Fuel consumption at maximum engine power (L/h) | 0.68                   | 0.68                   | 0.68           | 0.74                   | 0.68                   | 0.68                   |  |
| Priming pump                                   | ○                      | ○                      | ○              | ○                      | ○                      | ○                      |  |
| Ignition system                                | CDI                    | CDI                    | CDI            | CDI                    | CDI                    | CDI                    |  |
| Start assist system                            | ES-Start               | ES-Start               | ES-Start       | ES-Start               | -                      | ES-Start               |  |
| Chain brake                                    | Inertia                | Inertia                | Inertia        | Inertia                | Inertia                | Inertia                |  |
| Choke w/ automatic fast idle release           | ○                      | ○                      | ○              | ○                      | ○                      | ○                      |  |
| Chain tensioner                                | Side                   | Side                   | Side           | Side                   | Side                   | Side                   |  |
| Saw chain pitch (inch)                         | 3/8                    | 3/8                    | 1/4            | 3/8                    | 3/8                    | 3/8, 1/4               |  |
| Guide bar gauge (inch)                         | 0.050                  | 0.050                  | 0.050, 0.043   | 0.050                  | 0.050                  | 0.050, 0.043           |  |
| Applicable bar length (cm / inch)              | 20, 25, 30 / 8, 10, 12 | 20, 25, 30 / 8, 10, 12 | 20, 25 / 8, 10 | 20, 25, 30 / 8, 10, 12 | 20, 25, 30 / 8, 10, 12 | 20, 25, 30 / 8, 10, 12 |  |
| Vibration Front handle / Rear handle (m/s²)*2  | 4.8 / 4.0              | -                      | 4.8 / 4.0      | -                      | 3.9 / 4.2              | 3.9 / 4.2              |  |
| Sound pressure level (dB(A))*3                 | 99.7                   | -                      | 99.7           | 97.2                   | 98.9                   | 98.9                   |  |
| Sound power level (dB(A))*4                    | 108.9                  | -                      | 108.9          | -                      | 107.6                  | 107.6                  |  |

|                                                | CHAIN SAWS             |                        |                 |                         |                         |                 |  |
|------------------------------------------------|------------------------|------------------------|-----------------|-------------------------|-------------------------|-----------------|--|
|                                                | CS-2511WES             | CS-281WES              | CS-310ES        | CS-3510ES               | CS-3510AC               | CS-3510L        |  |
| Configuration                                  | EU, TUR                | EU, TUR                | EU, AUS         | EU, AUS, TUR            | EU                      | BASIC           |  |
| Engine displacement (cm³)                      | 25.0                   | 26.9                   | 30.5            | 34.4                    | 34.4                    | 34.4            |  |
| Output (kW / ps)                               | 1.1 / 1.5              | 1.09 / 1.48            | 1.1 / 1.5       | 1.5 / 2.1               | 1.5 / 2.1               | 1.6 / 2.2       |  |
| Dry weight (kg)*1                              | 2.6                    | 3.1                    | 4.0             | 3.7                     | 3.8                     | 3.6             |  |
| Fuel tank capacity (mL)                        | 190                    | 240                    | 250             | 280                     | 280                     | 280             |  |
| Chain oil tank capacity (mL)                   | 140                    | 160                    | 260             | 230                     | 230                     | 230             |  |
| Fuel consumption at maximum engine power (L/h) | 0.67                   | 0.70                   | 0.68            | 0.85                    | 0.85                    | 1.14            |  |
| Priming pump                                   | ○                      | ○                      | ○               | ○                       | ○                       | ○               |  |
| Ignition system                                | CDI                    | CDI                    | CDI             | CDI                     | CDI                     | CDI             |  |
| Start assist system                            | ES-Start               | ES-Start               | ES-Start        | ES-Start                | ES-Start                | ES-Start        |  |
| Chain brake                                    | Inertia                | Inertia                | Inertia         | Inertia                 | Inertia                 | Inertia         |  |
| Choke w/ automatic fast idle release           | ○                      | ○                      | ○               | ○                       | -                       | ○               |  |
| Chain tensioner                                | Side                   | Side                   | Side            | Side                    | Side                    | Side            |  |
| Saw chain pitch (inch)                         | 3/8 (1/4)              | 3/8 (1/4)              | 3/8             | 3/8                     | 3/8                     | 3/8             |  |
| Guide bar gauge (inch)                         | 0.050 (0.043)          | 0.050                  | 0.043, 0.050    | 0.043, 0.050            | 0.043, 0.050            | 0.050           |  |
| Applicable bar length (cm / inch)              | 20, 25, 30 / 8, 10, 12 | 20, 25, 30 / 8, 10, 12 | 30, 35 / 12, 14 | 30, 35, 40 / 12, 14, 16 | 30, 35, 40 / 12, 14, 16 | 35, 40 / 14, 16 |  |
| Vibration Front handle / Rear handle (m/s²)*2  | 4.5 / 4.6              | 4.6 / 4.9              | 4.1 / 6.8       | 4.1/ 5.0                | 4.1 / 5.0               | -               |  |
| Sound pressure level (dB(A))*3                 | 98.5                   | 97.8                   | 98.2            | 101.7                   | 101.7                   | -               |  |
| Sound power level (dB(A))*4                    | 108.5                  | 106.9                  | 106.6           | 110.3                   | 110.3                   | -               |  |

\*1: Unit without guide bar, saw chain, chain oil and fuel.  
\*2: Measured in accordance with ISO 22867. Uncertainty(K)=1.3m/s²  
\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>pa</sub>)=1.5dB(A)  
\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>wa</sub>)=1.0dB(A)

|  | TOP HANDLE SAWS |                 |                 |                         |                 |
|--|-----------------|-----------------|-----------------|-------------------------|-----------------|
|  | CS-280TESC      | CS-3000         | CS-303T         | CS-360TES               | CS-362TES       |
|  | EU              | BASIC           | EU              | BASIC                   | EU, TUR         |
|  | 26.9            | 30.1            | 30.1            | 35.8                    | 35.8            |
|  | 1.07 / 1.46     | 1.04 / 1.41     | 1.04 / 1.41     | 1.6 / 2.2               | 1.50 / 2.04     |
|  | 3.0             | 3.4             | 3.5             | 3.6                     | 3.6             |
|  | 240             | 250             | 250             | 330                     | 330             |
|  | 160             | 150             | 150             | 243                     | 243             |
|  | 0.68            | 0.82            | 0.56            | 1.10                    | 0.88            |
|  | ○               | ○               | ○               | ○                       | ○               |
|  | CDI             | CDI             | CDI             | CDI                     | CDI             |
|  | ES-Start        | -               | -               | ES-Start                | ES-Start        |
|  | Inertia         | Inertia         | Inertia         | Inertia                 | Inertia         |
|  | ○               | -               | -               | ○                       | ○               |
|  | Side            | Front           | Side            | Side                    | Side            |
|  | 1/4             | 3/8             | 3/8             | 3/8                     | 3/8 (1/4)       |
|  | 0.050           | 0.050           | 0.050           | 0.050                   | 0.050           |
|  | 25 / 10         | 30, 35 / 12, 14 | 30, 35 / 12, 14 | 30, 35, 40 / 12, 14, 16 | 30, 35 / 12, 14 |
|  | 3.9 / 4.2       | -               | 4.0 / 3.7       | -                       | 3.8 / 4.2       |
|  | 98.9            | -               | 99.1            | -                       | 99.6            |
|  | 107.6           | -               | 108.9           | -                       | 108.9           |

|  | CHAIN SAWS  |             |                                       |                 |                 |                 |                 |                 |
|--|-------------|-------------|---------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|  | CS-350WES   | CS-361WES   | CS-362WES                             | CS-370ES        | CS-4010         | CS-4010EC       | CS-420ES        |                 |
|  | KOR         | BASIC       | EU, TUR                               | BASIC           | EU              | EU              | BASIC           | TUR             |
|  | 35.8        | 35.8        | 35.8                                  | 36.3            | 41.6            | 41.6            | 40.2            | 40.2            |
|  | 1.48 / 2.01 | 1.49 / 2.02 | 1.49 / 2.03                           | 1.42 / 1.93     | 1.9 / 2.6       | 1.9 / 2.6       | 1.75 / 2.38     | 1.6 / 2.2       |
|  | 3.6         | 3.8         | 3.8                                   | 4.6             | 4.2             | 4.2             | 4.6             | 4.6             |
|  | 370         | 320         | 320                                   | 410             | 350             | 350             | 410             | 410             |
|  | 230         | 230         | 230                                   | 280             | 230             | 230             | 280             | 280             |
|  | 0.98        | 1.05        | 0.86                                  | 0.76            | 1.06            | 1.04            | 0.95            | 0.95            |
|  | ○           | ○           | ○                                     | ○               | ○               | ○               | ○               | ○               |
|  | CDI         | CDI         | CDI                                   | CDI             | CDI             | CDI             | CDI             | CDI             |
|  | ES-Start    | ES-Start    | ES-Start                              | ES-Start        | ES-Start        | ES-Start        | ES-Start        | ES-Start        |
|  | Inertia     | Inertia     | Inertia                               | Inertia         | Inertia         | Inertia         | Inertia         | Inertia         |
|  | ○           | ○           | ○                                     | ○               | ○               | -               | ○               | ○               |
|  | Side        | Side        | Side                                  | Side            | Side            | Side            | Side            | Side            |
|  | 3/8         | 3/8         | 3/8 (1/4)                             | 0.325           | 0.325           | 0.325           | 0.325           | 0.325           |
|  | 0.050       | 0.050       | 0.050                                 | 0.058           | 0.050           | 0.050           | 0.058           | 0.058 (0.050)   |
|  | 40 / 16     | 40 / 16     | 30, 35, 40(30,35) / 12, 14, 16(12,14) | 33, 38 / 13, 15 | 38, 45 / 15, 18 | 38, 45 / 15, 18 | 38, 45 / 15, 18 | 38, 45 / 15, 18 |
|  | -           | -           | 5.9 / 6.3                             | -               | 2.7 / 5.3       | 2.7 / 5.3       | -               | 4.4 / 6.4       |
|  | 98          | -           | 100.3                                 | -               | 100.4           | 100.4           | -               | 99.6            |
|  | -           | -           | 109.4                                 | -               | 109.4           | 109.4           | -               | 108.9           |

# SPECIFICATIONS

## CHAIN SAWS

|                                                | CHAIN SAWS                      |                                 |                                 |                                   |                         |                         |  |
|------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------------------|-------------------------|-------------------------|--|
|                                                | CS-4310SX                       | CS-4510ES                       | CS-4920                         | CS-501SX                          | CS-501SXH               | CS-590                  |  |
| Configuration                                  | EU                              | EU, TUR                         | EU                              | EU, TUR                           | EU                      | EU, AUS, TUR            |  |
| Engine displacement (cm³)                      | 42.9                            | 45.0                            | 50.1                            | 50.2                              | 50.2                    | 59.8                    |  |
| Output (kW / ps)                               | 2.3 / 3.1                       | 2.3 / 3.1                       | 2.5 / 3.4                       | 2.57 / 3.50                       | 2.57 / 3.50             | 3.0 / 4.1               |  |
| Dry weight (kg)*1                              | 4.3                             | 5.0                             | 5.0                             | 4.7                               | 4.9                     | 6.0                     |  |
| Fuel tank capacity (mL)                        | 400                             | 480                             | 480                             | 500                               | 500                     | 645                     |  |
| Chain oil tank capacity (mL)                   | 270                             | 330                             | 330                             | 280                               | 280                     | 300                     |  |
| Fuel consumption at maximum engine power (L/h) | 1.24                            | 1.19                            | 1.32                            | 1.54                              | 1.54                    | 1.75                    |  |
| Priming pump                                   | ○                               | ○                               | ○                               | -                                 | -                       | -                       |  |
| Ignition system                                | CDI                             | CDI                             | CDI                             | CDI                               | CDI                     | CDI                     |  |
| Start assist system                            | ES-Start                        | ES-Start                        | ES-Start                        | Decomp                            | Decomp                  | Decomp                  |  |
| Chain brake                                    | Inertia                         | Inertia                         | Inertia                         | Inertia                           | Inertia                 | Inertia                 |  |
| Choke w/ automatic fast idle release           | ○                               | ○                               | ○                               | ○                                 | ○                       | ○                       |  |
| Chain tensioner                                | Side                            | Side                            | Side                            | Side                              | Side                    | Side                    |  |
| Saw chain pitch (inch)                         | 0.325                           | 0.325                           | 0.325                           | 0.325                             | 0.325                   | 3/8                     |  |
| Guide bar gauge (inch)                         | 0.050                           | 0.058, 0.050                    | 0.050                           | 0.058, 0.050                      | 0.058                   | 0.058                   |  |
| Applicable bar length (cm / inch)              | 33, 35, 40, 45 / 13, 14, 16, 18 | 33, 38, 45, 50 / 13, 15, 18, 20 | 33, 38, 45, 50 / 13, 15, 18, 20 | 40, 45, 50 (33) / 16, 18, 20 (13) | 40, 45, 50 / 16, 18, 20 | 40, 45, 50 / 16, 18, 20 |  |
| Vibration Front handle / Rear handle (m/s²)*2  | 3.3 / 3.1                       | 2.6 / 2.8                       | 3.5 / 3.4                       | 5.2 / 5.4                         | 5.2 / 5.4               | 4.9 / 4.6               |  |
| Sound pressure level (dB(A))*3                 | 102                             | 102.5                           | 102.5                           | 102.6                             | 102.6                   | 102.3                   |  |
| Sound power level (dB(A))*4                    | 111.2                           | 111.6                           | 111.8                           | 112.2                             | 112.2                   | 111.0                   |  |

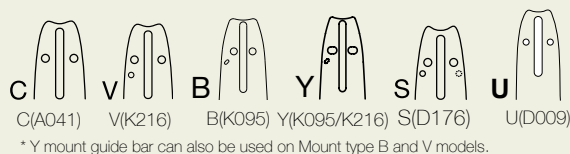
\*1: Unit without guide bar and saw chain, chain oil and fuel.  
\*2: Measured in accordance with ISO 22867. Uncertainty(K)=1.3m/s²  
\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>WA</sub>)=1.5dB(A)  
\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>WA</sub>)=1.0dB(A)

|  | CHAIN SAWS                         |                            |                                               |                                    |
|--|------------------------------------|----------------------------|-----------------------------------------------|------------------------------------|
|  | CS-620SX                           | CS-621SX                   | CS-680S                                       | CS-7310SX                          |
|  | BASIC                              | EU, TUR                    | BASIC                                         | EU, TUR                            |
|  | 59.8                               | 59.8                       | 66.8                                          | 73.5                               |
|  | 3.3 / 4.5                          | 3.2 / 4.4                  | 3.46 / 4.70                                   | 4.1 / 5.6                          |
|  | 6.2                                | 6.3                        | 6.6                                           | 6.8                                |
|  | 645                                | 650                        | 640                                           | 800                                |
|  | 300                                | 300                        | 370                                           | 360                                |
|  | 2.05                               | 1.81                       | 2.35                                          | 2.33                               |
|  | -                                  | -                          | -                                             | -                                  |
|  | CDI                                | CDI                        | CDI                                           | CDI                                |
|  | Decomp                             | Decomp                     | -                                             | Decomp                             |
|  | Inertia                            | Inertia                    | Inertia                                       | Inertia                            |
|  | ○                                  | ○                          | ○                                             | ○                                  |
|  | Side                               | Side                       | Side                                          | Side                               |
|  | 3/8                                | 3/8                        | 3/8                                           | 3/8                                |
|  | 0.058                              | 0.058                      | 0.058                                         | 0.058                              |
|  | 45, 50, 60 ,70<br>/ 18, 20, 24, 28 | 45, 50, 60<br>/ 18, 20, 24 | 40, 45, 50, 60, 70<br>/ 16, 18, 20,<br>24, 28 | 45, 50, 60 ,70<br>/ 18, 20, 24, 28 |
|  | -                                  | 4.2 / 5.2                  | -                                             | 4.2 / 3.8                          |
|  | -                                  | 102.8                      | -                                             | 107.0                              |
|  | -                                  | 111.9                      | -                                             | 115.9                              |

# CHAIN SAW ACCESSORIES

## GUIDE BAR & SAW CHAIN REFERENCE CHART

ECHO bars and chains are specifically matched to get the most out of every saw. The chart is sorted by model name and includes the appropriate length bar and chain along with the link count, gauge and pitch.



| Model                | Gauge (in) | Pitch (in) | GUIDE BAR   |            |                 |              |          |                              | SAW CHAIN   |           |              |          |
|----------------------|------------|------------|-------------|------------|-----------------|--------------|----------|------------------------------|-------------|-----------|--------------|----------|
|                      |            |            | Length (cm) | Mount type | Type            | Part number  | Bar type | Nose type (Replaceable nose) | Drive links | Saw chain | Part number  | Standard |
| DCS-2500T            | 0.050      | 3/8        | 25          | C          | C25S91-40SL-ET  | X121-000003  | Laminate | Sprocket                     | 40          | 91PX      | X221-000100  | EU       |
| DCS-2500TC           | 0.043      | 1/4        | 20          | C          | C20HA4-52CL-ED  | X100-000070  | Solid    | Hard                         | 52          | A4S       | X200-000020  | EU       |
|                      |            |            | 25          |            | C25HA4-60CL-ED  | X101-000210  |          |                              | 60          |           | X201-000020  |          |
| CS-2511TES           | 0.050      | 3/8        | 20          | C          | C20S91-35SA-ET  | X120-000021  | Laminate | Sprocket                     | 35          | 91PX      | X220-000020  | EU, TUR  |
|                      |            |            | 25          |            | C25S91-40SL-ET  | X121-000003  |          |                              | 40          |           | X221-000100  |          |
|                      |            |            | 30          |            | C30S91-47ML-EC  | X122-000341  |          |                              | 47          |           | X222-000140  |          |
| CS-2511TESC          | 0.050      | 1/4        | 20          | C          | C20H25-52CL-ED  | X100-000060  | Solid    | Hard                         | 52          | 25AP      | X200-000000  | EU, TUR  |
|                      |            |            | 25          |            | C25H25-60CL-ET  | X101-000011  |          |                              | 60          |           | 431610-10030 |          |
|                      |            |            | 20          |            | C25H25-60CLD-ED | X101-000200  |          |                              | 52          | A4S       | X200-000020  |          |
|                      | 0.043      |            | 25          |            | C20HA4-52CL-ED  | X100-000070  |          |                              | 60          |           | X201-000020  | EU       |
|                      |            |            | 25          |            | C25HA4-60CL-ED  | X101-000210  |          |                              | 60          |           | X201-000020  |          |
| CS-260TES            | 0.050      | 3/8        | 20          | C          | C20S91-35SA-ET  | X120-000021  | Laminate | Sprocket                     | 35          | 91PX      | X220-000020  | KR       |
|                      |            |            | 25          |            | C25S91-40SL-ET  | X121-000003  |          |                              | 40          |           | X221-000100  |          |
|                      |            |            | 30          |            | C30S91-47ML-EC  | X122-000341  |          |                              | 47          |           | X222-000140  |          |
|                      |            | 1/4        | 25          |            | C25H25-60CLD-ED | X101-000200  | Solid    | Hard                         | 60          | 25AP      | 431610-10030 |          |
|                      |            |            |             |            | C25L25-60CA-ED  | X101-000171  | Laminate |                              |             |           |              |          |
| CS-280T<br>CS-280TES | 0.050      | 3/8        | 25          | C          | C25S91-40SL-ET  | X121-000003  | Laminate | Sprocket                     | 40          | 91PX      | X221-000100  | EU, TUR  |
|                      | 0.043      | 1/4        | 20          |            | C20HA4-52CL-ED  | X100-000070  | Solid    | Hard                         | 52          | A4S       | X200-000020  |          |
|                      |            |            | 25          |            | C25HA4-60CL-ED  | X101-000210  |          |                              | 60          |           | X201-000020  |          |
| CS-280TESC           | 0.050      | 1/4        | 25          | C          | C25H25-60CLD-ED | X101-000200  | Solid    | Hard                         | 60          | 25AP      | 431610-10030 | EU       |
| CS-3000              | 0.050      | 3/8        | 30          | C          | C30S91-47ML-EC  | X122-000341  | Laminate | Sprocket                     | 47          | 91PX      | X222-000140  | BASIC    |
|                      |            |            |             |            |                 |              |          |                              |             | 91VXL     | X222-000130  |          |
|                      |            |            | 35          |            | C35S91-53ML-EC  | X123-000551  |          |                              | 53          | 91PX      | X223-000130  |          |
|                      |            |            |             |            |                 |              |          |                              |             | 91VXL     | X223-000080  |          |
| CS-303T              | 0.050      | 3/8        | 30          | C          | C30S91-47ML-EC  | X122-000341  | Laminate | Sprocket                     | 47          | 91PX      | X222-000140  | EU       |
|                      |            |            | 35          |            | C35S91-53ML-EC  | X123-000551  |          |                              | 53          |           | X223-000130  |          |
| CS-360TES            | 0.050      | 3/8        | 30          | C          | C30S91-47ML-EC  | X122-000341  | Laminate | Sprocket                     | 47          | 91VXL     | X222-000130  |          |
|                      |            |            | 35          |            | C35S91-53ML-EC  | X123-000551  |          |                              | 53          |           | X223-000080  |          |
|                      |            |            | 40          |            | C40S91-58AA-ET  | 430211-13433 |          |                              | 58          |           | X224-000030  |          |
| CS-362TES            | 0.050      | 3/8        | 30          | C          | C30S91-47ML-EC  | X122-000341  | Laminate | Sprocket                     | 47          | 91PX      | X222-000140  | EU       |
|                      |            |            | 35          |            | C35S91-53ML-EC  | X123-000551  |          |                              | 53          |           | X223-000130  | EU, TUR  |
|                      |            | 1/4        | 30          |            | C30H25-68CL-ED  | X102-000071  | Solid    | Hard                         | 68          | 25AP      | 431611-10030 |          |
|                      |            |            |             |            |                 |              |          |                              |             | 25A       | X202-000010  |          |
|                      |            |            |             |            |                 |              |          |                              |             | 25AP      | 431612-10030 |          |
|                      |            |            | 35          |            | C35H25-76CL-ET  | X103-000111  |          |                              | 76          | 25A       | X203-000000  |          |

| Model      | Gauge<br>(in) | Pitch<br>(in) | GUIDE BAR      |               |                 |              |          |                                    | SAW CHAIN      |              |              |             |          |
|------------|---------------|---------------|----------------|---------------|-----------------|--------------|----------|------------------------------------|----------------|--------------|--------------|-------------|----------|
|            |               |               | Length<br>(cm) | Mount<br>type | Type            | Part number  | Bar type | Nose type<br>(Replaceable<br>nose) | Drive<br>links | Saw<br>chain | Part number  |             | Standard |
| DCS-2500   | 0.043         | 0.325         | 25             | C             | C25S80-46MA-EB  | X121-000300  | Laminate | Sprocket                           | 46             | 80TXL        | X211-000000  | EU          |          |
|            |               |               | 30             |               | C30S80-51MA-EB  | X122-000570  |          |                                    | 51             |              | X212-000000  |             |          |
|            |               | 1/4           | 25             |               | C25SA4-60CL-ED  | X121-000250  |          |                                    | 60             | A4S          | X201-000020  |             |          |
|            |               |               | 30             |               | C30SA4-68CL-ED  | X122-000440  |          |                                    | 68             |              | X202-000030  |             |          |
|            |               |               | 20             |               | C20HA4-52CL-ED  | X100-000070  | 52       | X200-000020                        |                |              |              |             |          |
|            |               |               | 25             |               | C25HA4-60CL-ED  | X101-000210  | 60       | X201-000020                        |                |              |              |             |          |
|            |               |               | 30             |               | C30HA4-68CL-ED  | X102-000110  | 68       | X202-000030                        |                |              |              |             |          |
|            |               |               |                |               |                 |              |          |                                    |                |              |              |             |          |
| CS-2511WES | 0.043         | 1/4           | 20             | C             | C20HA4-52CL-ED  | X100-000070  | Solid    | Hard                               | 52             | A4S          | X200-000020  |             |          |
|            |               |               | 25             |               | C25HA4-60CL-ED  | X101-000210  |          |                                    | 60             |              | X201-000020  |             |          |
|            |               |               | 20             |               | C20SA4-52CL-ED  | X120-000090  | Laminate | Sprocket                           | 52             |              | X200-000020  |             |          |
|            |               |               | 25             |               | C25SA4-60CL-ED  | X121-000250  |          |                                    | 60             |              | X201-000020  | EU          |          |
|            |               |               | 30             |               | C30SA4-68CL-ED  | X122-000440  |          |                                    | 68             |              | X202-000030  |             |          |
|            | 0.050         | 3/8           | 20             |               | C20S91-35SA-ET  | X120-000021  |          |                                    | 35             | 91PX         | X220-000020  |             |          |
|            |               |               | 25             |               | C25S91-40SL-ET  | X121-000003  | 40       | X221-000100                        |                |              |              |             |          |
|            |               |               | 30             |               | C30S91-47ML- EC | X122-000341  | 47       | X222-000140                        | BASIC          |              |              |             |          |
|            |               |               |                |               |                 |              |          |                                    |                |              |              |             |          |
| CS-281WES  | 0.050         | 3/8           | 20             | C             | C20S91-35SA-ET  | X120-000021  | Laminate | Sprocket                           | 35             | 91PX         | X220-000020  |             |          |
|            |               |               | 25             |               | C25S91-40SL-ET  | X121-000003  |          |                                    | 40             |              | X221-000100  | EU          |          |
|            |               |               | 30             |               | C30S91-47ML-EC  | X122-000341  |          |                                    | 47             |              | X222-000140  | EU, TUR     |          |
|            | 1/4           | 30            | C30H25-68CL-ED |               | X102-000071     | Solid        | Hard     | 68                                 | 25AP           | 431611-10030 |              |             |          |
|            |               |               |                |               |                 |              |          | 25A                                | X202-000010    |              |              |             |          |
| DCS-310    | 0.043         | 3/8           | 30             | C             | 12A4CD3745      | P022-061980  | Laminate | Hard                               | 45             | 90PX         | 90PX45E      | EU          |          |
| CS-362WES  | 0.050         | 3/8           | 30             | C             | C30S91-47ML-EC  | X122-000341  | Laminate | Sprocket                           | 47             | 91PX         | X222-000140  |             |          |
|            |               |               |                |               |                 |              |          |                                    |                | 91VXL        | X222-000130  | EU          |          |
|            |               |               | 35             |               | C35S91-53ML-EC  | X123-000551  |          |                                    | 53             | 91PX         | X223-000130  |             |          |
|            |               |               |                |               | C35S91-53AL-ET  | 430219-38733 |          |                                    |                | 91VXL        | X223-000080  | EU          |          |
|            |               | 1/4           | 40             |               | C40S91-58AA-ET  | 430211-13433 | 58       | 91PX                               | X224-000070    |              |              |             |          |
|            |               |               |                |               |                 |              |          | 91VXL                              | X224-000030    | TUR          |              |             |          |
|            |               |               | 30             |               | C30H25-68CL-ED  | X102-000071  | Solid    | Hard                               | 68             | 25AP         | 431611-10030 |             |          |
|            |               |               |                |               |                 |              |          |                                    | 25A            | X202-000010  |              |             |          |
|            |               |               | 35             |               | C35H25-76CL-ET  | X103-000111  |          |                                    | 76             | 25AP         | 431612-10030 |             |          |
|            |               |               | 25A            | X203-000000   |                 |              |          |                                    |                |              |              |             |          |
| CS-361WES  | 0.050         | 3/8           | 40             | C             | C40S91-58AA-ET  | 430211-13433 | Laminate | Sprocket                           | 58             | 91VXL        | X224-000030  | BASIC       |          |
| CS-350WES  | 0.050         | 3/8           | 40             | C             | C40S91-58AL-ET  | X124-000720  | Laminate | Sprocket                           | 58             | 91VXL        | X224-000030  | KR          |          |
| CS-310ES   | 0.043         | 3/8           | 30             | C             | C30S90-45SA-ET  | X122-000181  | Laminate | Sprocket                           | 45             | 90PX         | X222-000150  |             |          |
|            |               |               | 35             |               | C35S90-52SA-ET  | X123-000231  |          |                                    | 52             |              | X223-000150  | EU          |          |
|            | 0.050         |               | 30             |               | C30S91-47ML-EC  | X122-000341  |          |                                    | 47             | 91PX         | X222-000140  |             |          |
|            |               |               |                |               |                 |              |          |                                    |                | 91VXL        | X222-000130  | EU          |          |
|            |               |               | 35             |               | C35S91-53ML-EC  | X123-000551  |          |                                    |                | 53           | 91PX         | X223-000130 |          |
|            |               |               |                |               |                 |              |          |                                    |                |              | 91VXL        | X223-000080 | EU       |

# CHAIN SAW ACCESSORIES

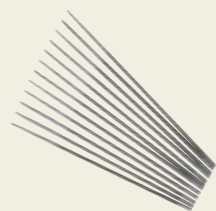
| Model                  | Gauge<br>(in) | Pitch<br>(in)  | GUIDE BAR      |                |                 |                |             |                                    | SAW CHAIN      |              |                |                 |             |             |             |             |             |
|------------------------|---------------|----------------|----------------|----------------|-----------------|----------------|-------------|------------------------------------|----------------|--------------|----------------|-----------------|-------------|-------------|-------------|-------------|-------------|
|                        |               |                | Length<br>(cm) | Mount<br>type  | Type            | Part number    | Bar type    | Nose type<br>(Replaceable<br>nose) | Drive<br>links | Saw<br>chain | Part number    |                 |             |             |             |             |             |
| CS-3510ES<br>CS-3510AC | 0.043         | 3/8            | 30             | C              | C30S90-45SA-ET  | X122-000181    | Laminate    | Sprocket                           | 45             | 90PX         | X222-000150    | EU              |             |             |             |             |             |
|                        |               |                | 35             |                | C35S90-52SA-ET  | X123-000231    |             |                                    | 52             |              | X223-000150    |                 |             |             |             |             |             |
|                        | 0.050         |                | 30             |                | C30S91-47ML-EC  | X122-000341    |             |                                    | 53             | 91PX         | X222-000140    | EU, AUS,<br>TUR |             |             |             |             |             |
|                        |               |                | 35             |                | C35S91-53ML-EC  | X123-000551    |             |                                    |                | 91VXL        | X222-000130    |                 |             |             |             |             |             |
|                        |               |                |                |                |                 |                |             |                                    |                | 40           | C40S91-58AL-ET |                 | X124-000720 | 91PX        | X223-000130 |             |             |
|                        |               |                |                |                |                 |                |             |                                    |                |              |                |                 |             | 58          | 91VXL       | X224-000070 | TUR         |
|                        |               |                |                |                |                 |                |             |                                    |                |              |                |                 |             |             |             | 57          | X224-000030 |
| CS-3510L               | 0.050         | 3/8            | 35             | C              | C35S91-53ML-EC  | X123-000551    | Laminate    | Sprocket                           | 53             | 91VXL        | X223-000080    | BASIC           |             |             |             |             |             |
|                        |               |                | 40             |                | C40S91-58AL-ET  | X124-000720    |             |                                    | 58             |              | X224-000030    |                 |             |             |             |             |             |
| CS-370ES               | 0.058         | 0.325          | 38             | C              | C38S21-64AA-ET  | 430521-37334   | Laminate    | Sprocket                           | 64             | 21BPX        | 431721-30231   | BASIC           |             |             |             |             |             |
| DCS-3500               | 0.043         | 3/8            | 35             | C              | C35S90-52SA-ET  | X123-000231    | Laminate    | Sprocket                           | 52             | 90PX         | X223-000150    | EU              |             |             |             |             |             |
| CS-4010<br>CS-4010EC   | 0.050         | 0.325          | 38             | Y              | Y38S20-64ML-ED  | X123-000670    | Laminate    | Sprocket                           | 64             | 95TXL        | X243-000020    | EU              |             |             |             |             |             |
|                        |               |                | 45             |                | Y45S20-72ML-ED  | X125-000440    |             |                                    | 72             |              | X245-000060    |                 |             |             |             |             |             |
|                        |               |                | 38             | B              | B38S95-64ML-EB  | X123-000760    |             |                                    | 64             |              | X243-000020    |                 |             |             |             |             |             |
|                        |               |                | 45             |                | B45S95-72ML-EB  | X125-000510    |             |                                    | 72             |              | X245-000060    |                 |             |             |             |             |             |
| CS-420ES               | 0.058         | 0.325          | 38             | C              | C38S21-64AA-ET  | 430521-37334   | Laminate    | Sprocket                           | 64             | 21BPX        | 431721-30231   | TUR             |             |             |             |             |             |
|                        |               |                | 45             | V              | V45R21-72AA1-ET | 430517-30134   | Solid       | Sprocket<br>(X160-000150)          | 72             | 21LPX        | X245-000011    | BASIC           |             |             |             |             |             |
| CS-4310SX              | 0.050         | 0.325          | 33             | Y              | Y33R20-56ML-ED  | X122-000470    | Solid       | Sprocket<br>(X160-000020)          | 56             | 95TXL        | X242-000010    | EU              |             |             |             |             |             |
|                        |               |                | 35             |                | Y35R20-60ML-ED  | X123-000730    |             |                                    | 60             |              | X243-000010    |                 |             |             |             |             |             |
|                        |               |                | 40             |                | Y40R20-68ML-ED  | X124-000770    |             | Sprocket<br>(X160-000050)          | 68             |              | X244-000110    |                 |             |             |             |             |             |
|                        |               |                | 45             |                | Y45R20-72AL-ED  | X125-000490    |             |                                    | 72             |              | X245-000060    |                 |             |             |             |             |             |
| CS-4510ES              | 0.058         | 0.325          | 33             | Y              | Y33S21-56ML-ED  | X122-000390    | Laminate    | Sprocket                           | 56             | 21BPX        | 431713-30231   | EU              |             |             |             |             |             |
|                        |               |                | 38             |                | Y38S21-64ML-ED  | X123-000620    |             |                                    | 64             |              | 431721-30231   |                 |             |             |             |             |             |
|                        |               |                | 45             |                | Y45S21-72ML-ED  | X125-000390    |             |                                    | 72             |              | 431717-30231   | EU, TUR         |             |             |             |             |             |
|                        |               |                | 50             |                | Y50S21-80AL-ED  | X126-000300    |             |                                    | 80             |              | 431712-30231   |                 |             |             |             |             |             |
|                        |               |                | 38             |                | Y38R21-64AA-ET  | X123-000650    | Solid       | Sprocket<br>(X160-000150)          | 64             |              | 431721-30231   |                 |             |             |             |             |             |
|                        |               |                | 45             |                | Y45R21-72AA-ET  | X125-000420    |             |                                    | 72             |              | 431717-30231   |                 |             |             |             |             |             |
|                        |               |                | 50             |                | Y50R21-80AA-ET  | X126-000320    |             |                                    | 80             |              | 431712-30231   |                 |             |             |             |             |             |
|                        |               |                | 0.050          |                | 33              | Y33S20-56ML-ED |             |                                    | X122-000410    |              | Laminate       | Sprocket        | 56          | X242-000010 | EU          |             |             |
|                        | 38            | Y38S20-64ML-ED |                | X123-000670    | 64              | X243-000020    |             |                                    |                |              |                |                 |             |             |             |             |             |
|                        | 45            | Y45S20-72ML-ED |                | X125-000440    | 72              | X245-000060    |             |                                    |                |              |                |                 |             |             |             |             |             |
|                        | 50            | Y50S20-80AL-ED |                | X126-000350    | 80              | X246-000140    |             |                                    |                |              |                |                 |             |             |             |             |             |
|                        | 33            | B              |                | B33S95-56ML-EB | X122-000540     | 56             | X242-000010 |                                    |                |              |                |                 |             |             |             |             |             |
|                        | 38            |                |                | B38S95-64ML-EB | X123-000760     | 64             | X243-000020 |                                    |                |              |                |                 |             |             |             |             |             |
|                        | 45            |                | B45S95-72ML-EB | X125-000510    | 72              | X245-000060    |             |                                    |                |              |                |                 |             |             |             |             |             |
| CS-4920                | 0.050         | 0.325          | 33             | B              | B33S95-56ML-EB  | X122-000540    | Laminate    | Sprocket                           | 56             | 95TXL        | X242-000010    | EU              |             |             |             |             |             |
|                        |               |                | 38             |                | B38S95-64ML-EB  | X123-000760    |             |                                    | 64             |              | X243-000020    |                 |             |             |             |             |             |
|                        |               |                | 45             |                | B45S95-72ML-EB  | X125-000510    |             |                                    | 72             |              | X245-000060    |                 |             |             |             |             |             |
|                        |               |                | 50             | Y              | Y50S20-80AL-ED  | X126-000350    |             |                                    | 80             |              | X246-000140    |                 |             |             |             |             |             |

| Model                 | Gauge<br>(in) | Pitch<br>(in) | GUIDE BAR      |               |                 |              |          |                                    | SAW CHAIN      |              |              |                 |  |
|-----------------------|---------------|---------------|----------------|---------------|-----------------|--------------|----------|------------------------------------|----------------|--------------|--------------|-----------------|--|
|                       |               |               | Length<br>(cm) | Mount<br>type | Type            | Part number  | Bar type | Nose type<br>(Replaceable<br>nose) | Drive<br>links | Saw<br>chain | Part number  |                 |  |
| CS-501SX              | 0.050         | 0.325         | 33             | Y             | Y33R20-56ML-ED  | X122-000470  | Solid    | Sprocket<br>(X160-000020)          | 56             | 95TXL        | X242-000010  | EU              |  |
|                       |               |               | 40             |               | Y40R20-68ML-ED  | X124-000770  |          |                                    | 68             |              | X244-000110  |                 |  |
|                       |               |               | 45             |               | Y45R20-72AL-ED  | X125-000490  |          | Sprocket<br>(X160-000050)          | 72             |              | X245-000060  |                 |  |
|                       |               |               | 50             |               | Y50R20-80AL-ED  | X126-000450  |          |                                    | 80             |              |              |                 |  |
|                       |               |               | 45             | V             | V45R20-72AA1-ET | X125-000251  |          | Sprocket<br>(X160-000150)          | 72             |              |              |                 |  |
| CS-501SX<br>CS-501SXH | 0.058         | 0.325         | 40             | V             | V40R21-68AA-ED  | X124-000691  | Solid    | Sprocket<br>(X160-000090)          | 68             | 21BPX        | 431711-38331 | EU              |  |
|                       |               |               | 45             |               | V45R21-72AA1-ET | 430517-30134 |          | Sprocket<br>(X160-000150)          | 72             |              | 431717-30231 |                 |  |
|                       |               |               |                |               | V45R21-72AA-ED  | X125-00351   |          | Sprocket<br>(X160-000090)          |                |              |              | EU, TUR         |  |
|                       |               |               | 50             |               | V50R21-80AA-ED  | X126-000291  |          |                                    | 80             |              | 431712-30231 | EU              |  |
| CS-590                | 0.058         | 3/8           | 40             | S             | S40S73-60AA-ED  | X124-000481  | Laminate | Sprocket                           | 60             | 73LPX        | X264-000060  | EU, AUS,<br>TUR |  |
|                       |               |               | 45             |               | S45S73-64AA-ED  | X125-000171  |          |                                    | 64             |              | X265-000060  |                 |  |
|                       |               |               | 50             |               | S50S73-72AA-ED  | X126-000141  |          |                                    | 72             |              | X266-000060  |                 |  |
| CS-621SX              | 0.058         | 3/8           | 45             | S             | S45R73-64AA-ED  | X125-000261  | Solid    | Sprocket<br>(X160-000082)          | 64             | 73LPX        | X265-000060  | EU, TUR         |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X265-000070  |                 |  |
|                       |               |               | 50             |               | S50R73-72AA-ED  | X126-000191  |          |                                    | 72             | 73LPX        | X266-000060  |                 |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X266-000090  |                 |  |
|                       |               |               | 60             |               | S60R73-84AA-ED  | X128-000051  |          |                                    | 84             | 73LPX        | X268-000040  |                 |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X268-000060  |                 |  |
| CS-620SX<br>CS-680S   | 0.058         | 3/8           | 45             | S             | S45R73-64AA-ED  | X125-000261  | Solid    | Sprocket<br>(X160-000080)          | 64             | 73LPX        | X265-000060  |                 |  |
|                       |               |               | 50             |               | S50R73-72AA-ED  | X126-000191  |          |                                    |                |              | 72           | X266-000060     |  |
|                       |               |               |                |               | 20D8TW3872      | X106-000050  |          |                                    |                |              |              |                 |  |
|                       |               |               | 60             |               | S60R73-84AA-ED  | X128-000051  |          | Sprocket<br>(X160-000082)          | 84             |              | X268-000040  |                 |  |
|                       |               |               |                |               | 24D8TW3884      | X108-000020  |          |                                    |                |              |              |                 |  |
|                       |               |               | 70             |               | 28D8TW3892      | X110-000000  |          |                                    |                |              | 92           | X270-000050     |  |
| CS-7310SX             | 0.058         | 3/8           | 45             | U             | U45R73-68AA-ED  | X125-000470  | Solid    | Sprocket<br>(X160-000080)          | 68             | 73LPX        | X265-000080  |                 |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X265-000090  | EU              |  |
|                       |               |               | 50             |               | U50R73-72AA-ED  | X126-000390  |          |                                    | 72             | 73LPX        | X266-000060  |                 |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X266-000090  | EU              |  |
|                       |               |               | 60             |               | U60R73-84AA-ED  | X128-000110  |          |                                    | 84             | 73LPX        | X268-000040  |                 |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X268-000060  | EU, TUR         |  |
|                       |               |               | 70             |               | U70R73-92AA-ED  | X130-000040  |          |                                    | 92             | 73LPX        | X270-000050  |                 |  |
|                       |               |               |                |               |                 |              |          |                                    |                | 73EXL        | X270-000080  | EU              |  |

# CHAIN SAW ACCESSORIES

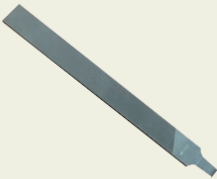
## CHAIN SAW FILE

A sharp chain makes all the difference in cutting speed, productivity, comfort fatigue and safety. A well-sharpened chain reduces chain saw servicing costs, makes your work easier and prevents accidents. ECHO files are high-quality and feature uniform steel structure, correct hardness, exact shaping and even tooth spacing.



ROUND FILE

| Diameter | Description | Item#       |
|----------|-------------|-------------|
| 3.5mm    | -           | X620-000080 |
| 4.0mm    | 99988801720 | C9500514    |
| 4.5mm    | 99988801721 | C9500515    |
| 4.8mm    | 99988801722 | C9500516    |
| 5.0mm    | 99988801723 | C9500517    |
| 5.5mm    | 99988801724 | C9500518    |



FLAT FILE  
9994640011

Item# C9500519



HANDLE  
99988801761

Item# C9500520

## CHAIN SHARPENING KITS

Our comprehensive sharpening kits include (2) round files, (1) flat file, file guide, depth gauge and plastic.

| Size  | Item#       |
|-------|-------------|
| 4.0mm | 99988800720 |
| 4.5mm | 99988800721 |
| 4.8mm | 99988800722 |
| 5.2mm | 99988800723 |
| 5.5mm | 99988800724 |



CHAIN SHARPENING KITS



## ADDITIONAL CHAIN SAW ACCESSORIES

For easy in-woods chain sharpening



STUMP VISE  
99988801808

Item# C6000044



FELLING WEDGES

5.5": 99988801806 Item# C6000042  
8": 99988801804 Item# C6000040



SPIKED FELLING WEDGES

5.5": 99988801807 Item# C6000043  
8": 99988801805 Item# C6000041

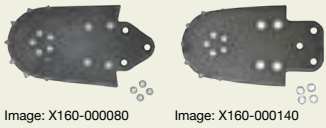
# ADDITIONAL CHAIN SAW ACCESSORIES



SPIKE

Additional spike for right side of saw for more control while cutting.

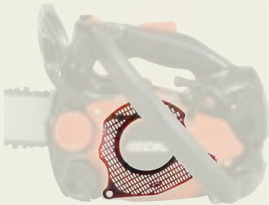
| Model                    | Spike       | Bolt        |
|--------------------------|-------------|-------------|
| CS-2511TES(C)            | C304-000000 | V805-000240 |
| CS-260TES / CS-280TES(C) | C304-000070 | -           |
| CS-3510ES / CS-3510L     | C304-000006 | V805-000006 |
| CS-4010 / CS-4010EC      | C304-000010 | V805-006006 |
| DCS-2500 / DCS-2500T     | C304-000000 | V805-000240 |



Check chain saw guide bar and chain reference chart to find appropriate kit for your model.

## REPLACEABLE NOSE KIT

Part# X160-000080, Part# X160-000090  
Part# X160-000130, Part# X160-000140  
Part# X160-000150, Part# X160-000160



For CS-2511TES(C)  
and CS-2511WES



For CS-280TES(C)and  
CS-281WES



For CS-360TES  
and CS-362TES



For CS-361WES and  
CS-362WES

## DEBRIS SHIELD

CS-2511TES(C) / CS-2511WES: Part# A127-000480  
CS-280TES / CS-281WES: Part# A127-000520  
CS-360TES/CS-362TES: Part# A127-000500  
CS-361WES/CS-362WES: Part# A127-000490

Debris shield reduces the amount of palm fibres, pine needles and other small debris that get inside the engine.



For CS-2511TES(C)  
and CS-2511WES



For CS-4310SX



For CS-501SX and  
CS-501SXH



For CS-620SX and  
CS-621SX

## SNOW SHIELD

CS-2511TES(C) / CS-2511WES/:Part# C418-000150  
CS-4310SX: Part# C418-000160  
CS-501SX/CS-501SXH: Part# C418-000140  
CS-620SX/CS-621SX: Part# C418-000130

Prevents snow from entering engine through recoil starter, eliminating the risk of engine stalling.

# POWER PRUNERS®

## OVERVIEW

Our professional power pruners are designed to be light weight, highly durable and balanced, with features to make your job as fast and effortless as possible. Whether you're looking for a telescopic or fixed model, ECHO has a power pruner that you can depend on. Telescopic power pruners give you the versatility of being able to adjust the shaft length for optimal performance, whilst a fixed shaft model allows you to get to work faster. Need to reach extreme heights, or trim exceptionally tall hedges? then simply attach an extension shaft or replace the chain saw head with the optional hedge trimming attachment. Powered by professional grade, class leading ECHO engines and benefitting from decades of engineering experience, we believe our power pruners will make light work of the toughest job.



**GARDEN**<sup>+</sup>  
SERIES

**DROP PREVENT NUT**



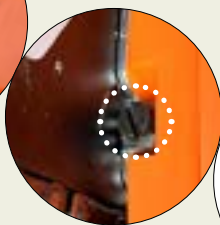
**SPLIT SHAFT**

Can be divided into 3 parts for easy transportation and storage.

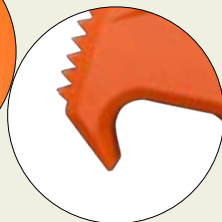
**TRANSLUCENT CHAIN OIL TANK**



**CHAIN TENSIONER**



**BRANCH HOOK**



**HARNESS INCLUDED**



**OVERMOLDED SOFT GRIP**

Material on handle ensures comfort, good control and weight distribution for perfect balance.



**DPPF-310**



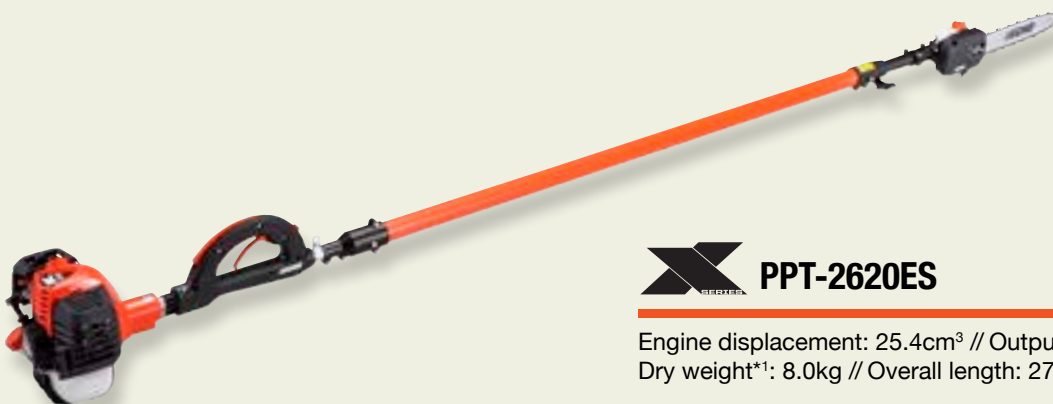
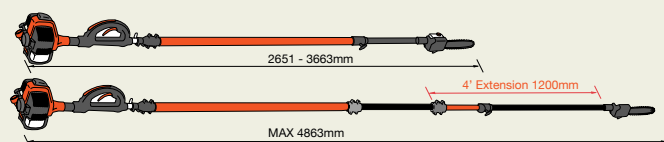


# POWER PRUNERS® TELESCOPIC



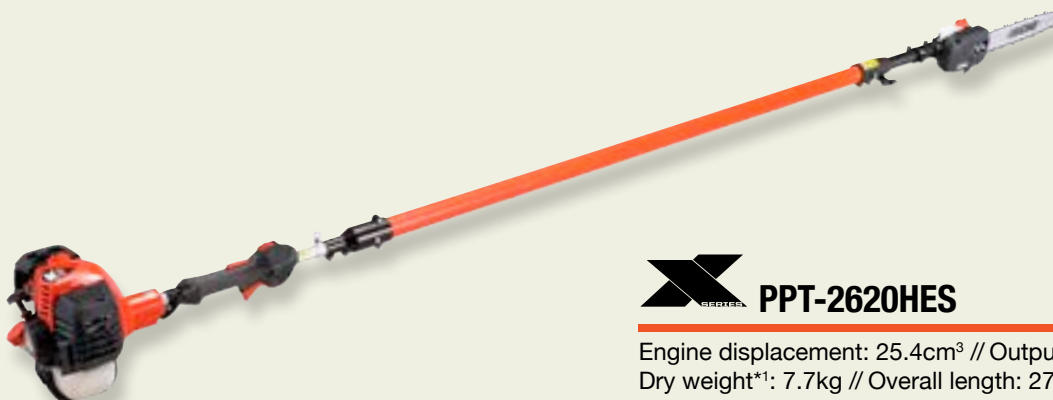
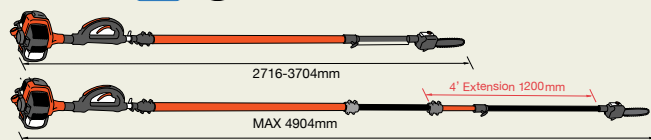
## PPT-236ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*1: 7.7kg // Overall length: 2651-3663mm



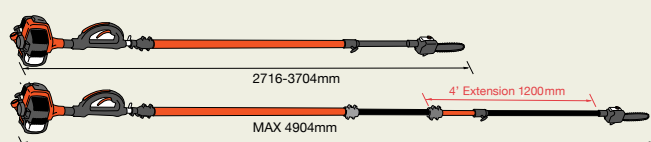
## X PPT-2620ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*1: 8.0kg // Overall length: 2716-3704mm



## X PPT-2620HES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*1: 7.7kg // Overall length: 2716-3704mm

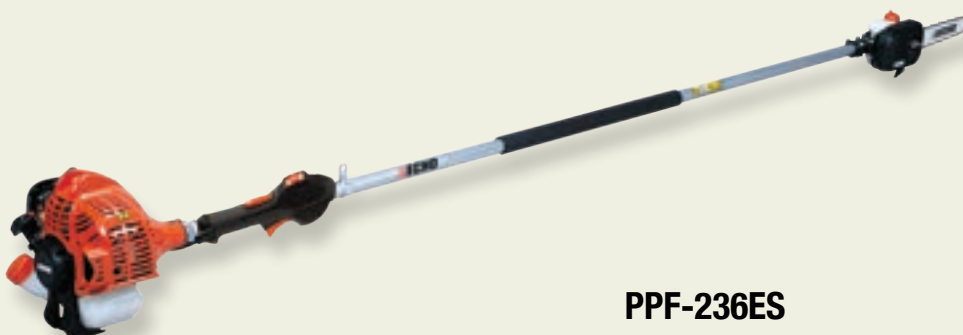


# POWER PRUNERS® **FIXED**



## DPPF-310

Rated voltage: 36.0V // Dry weight: 3.4\*2 //  
 Overall length: 2056 - 2696mm



## PPF-236ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
 Dry weight\*1: 5.8kg // Overall length: 2388mm



**Accessories on page 66**

**Batteries & Chargers on page 11**

\*1: Unit without guide bar, saw chain, harness, chain oil and fuel.  
 \*2: Unit without battery, guide bar, saw chain and chain oil.

# SPECIFICATIONS

## POWER PRUNERS®

|                                                | FIXED POWER PRUNERS® |           | TELESCOPIC POWER PRUNERS® |             |
|------------------------------------------------|----------------------|-----------|---------------------------|-------------|
|                                                | PPF-236ES            | PPT-236ES | PPT-2620ES                | PPT-2620HES |
| Configuration                                  | EU                   | EU        | EU                        | EU          |
| Engine displacement (cm³)                      | 21.2                 | 21.2      | 25.4                      | 25.4        |
| Output (kW / ps)                               | 0.7 / 1.0            | 0.7 / 1.0 | 1.0 / 1.4                 | 1.0 / 1.4   |
| Dry weight (kg)*1                              | 5.8                  | 7.7       | 8.0                       | 7.7         |
| Overall length (mm)                            | 2388                 | 2651-3663 | 2716-3704                 | 2716-3704   |
| Fuel tank capacity (mL)                        | 450                  | 450       | 600                       | 600         |
| Chain oil tank capacity (mL)                   | 200                  | 200       | 200                       | 200         |
| Start assist system                            | ES-Start             | ES-Start  | ES-Start                  | ES-Start    |
| Fuel consumption at maximum engine power (L/h) | 0.45                 | 0.45      | 0.61                      | 0.61        |
| Telescoping shaft system                       | —                    | ○         | ○                         | ○           |
| Optional extension shaft (feet)                | 3                    | 4         | 4                         | 4           |
| Guide bar length (cm / inch)                   | 25 / 10              | 25 / 10   | 30 / 12                   | 30 / 12     |
| Guide bar gauge (inch)                         | 0.050                | 0.050     | 0.050                     | 0.050       |
| Saw chain pitch (inch)                         | 3/8                  | 3/8       | 3/8                       | 3/8         |
| Vibration Left handle / Right handle (m/s²)*2  | 2.8 / 2.6            | 6.8 / 4.3 | 6.2 / 7.2                 | 4.3 / 4.5   |
| Sound pressure level (dB(A))*3                 | 90.8                 | 92.2      | 93.8                      | 93.3        |
| Sound power level (dB(A))*4                    | 104.6                | 104.6     | 107.6                     | 107.6       |

\*1: Unit without guide bar, saw chain, harness and empty tanks. \*2: Measured in accordance with ISO 11680. Uncertainty(K)=3.3m/s²

\*3: Measured in accordance with ISO 11680. Uncertainty(K<sub>pa</sub>)=2.5dB(A) \*4: Measured in accordance with ISO 11680. Uncertainty(K<sub>wa</sub>)=2.5dB(A)

## POWER PRUNERS® ACCESSORIES

### GUIDE BARS AND SAW CHAINS

ECHO bars and chains are specifically matched to get the most out of every pruner.

The chart shows you appropriate bar length and chain along with the link count, gauge and pitch.



| Model                     | Gauge (in) | Pitch (in) | GUIDE BAR   |            |             |          |           | SAW CHAIN   |             |             |
|---------------------------|------------|------------|-------------|------------|-------------|----------|-----------|-------------|-------------|-------------|
|                           |            |            | Length (cm) | Type       | Part number | Bar type | Nose type | Drive links | Oregon type | Part number |
| PPF-236ES<br>PPT-236ES    | 0.050      | 3/8        | 25          | 10A0CD3739 | X121-000060 | Laminate | Sprocket  | 39          | 91VXL       | X221-000070 |
| PPT-2620ES<br>PPT-2620HES | 0.050      | 3/8        | 30          | 12A0CD3744 | X122-000150 | Laminate | Sprocket  | 44          | 91VXL       | X222-000110 |

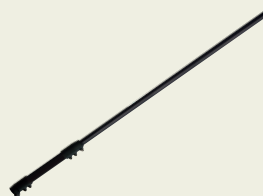
### ADDITIONAL ACCESSORIES



#### 3' EXTENSION

**99946400011**

Length: 900mm  
Item# C6000236



#### 4' EXTENSION

**99946400023**

Length: 1200mm  
Item# C9500496



#### HEDGETRIMMER

**PPA-AH-HD**

Item# 28350251



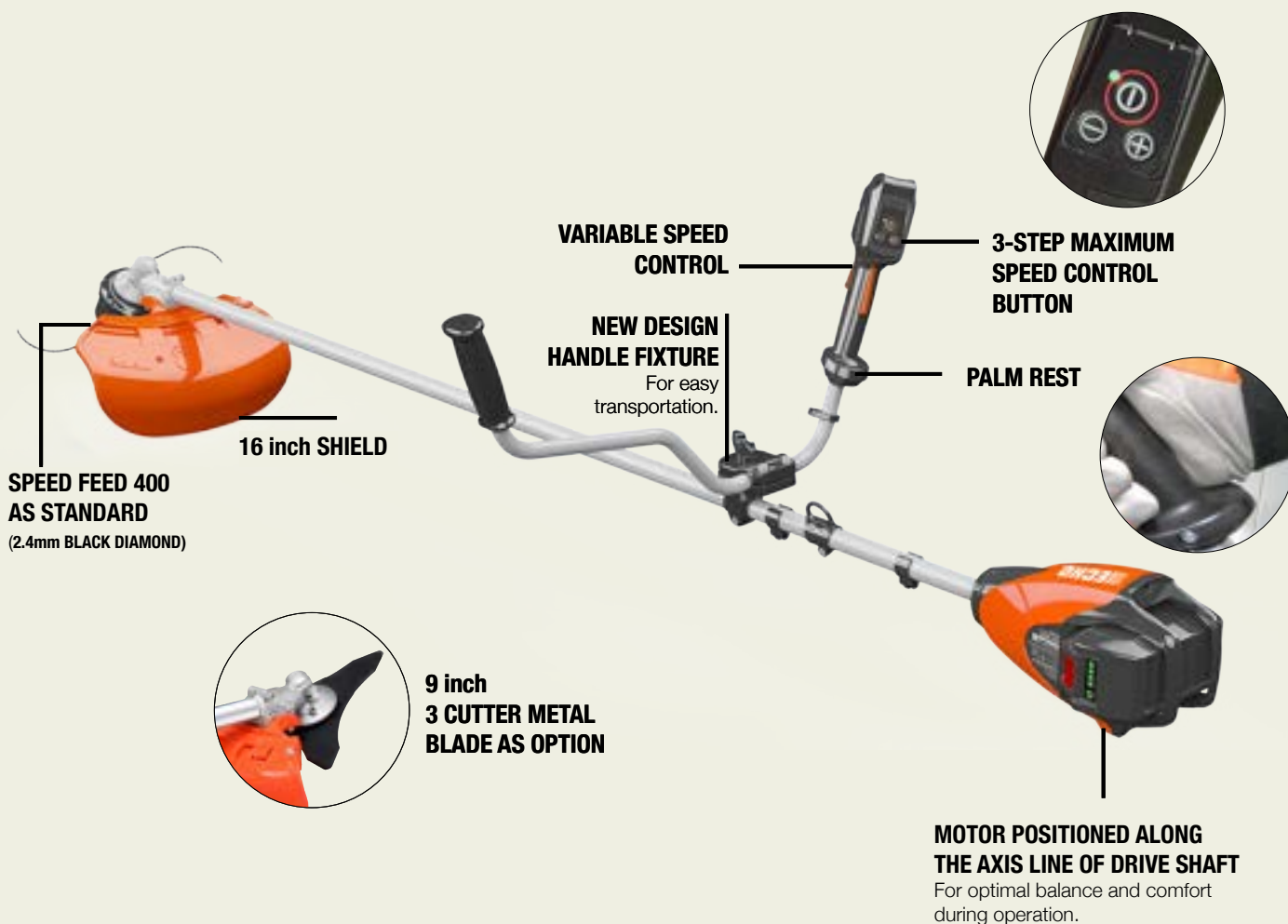
| ◇: Option                 | HEDGE TRIMMER | 3' EXTENSION | 4' EXTENSION |
|---------------------------|---------------|--------------|--------------|
|                           | PPA-AH-HD     | 999464-00011 | 999464-00023 |
| PPT-236ES                 | ◇             |              | ◇            |
| PPT-2620ES<br>PPT-2620HES | ◇             |              | ◇            |
| PPF-236ES                 |               | ◇            |              |

\*Extension is only usable with chain saw attachment.



# TRIMMERS & BRUSHCUTTERS OVERVIEW

From green space maintenance to the taming of dense wilderness, ECHO trimmers and brushcutters perform flawlessly. High torque gear cases allow you to power through thick brush and tall grass in one pass. We've been gradually improving vibration reduction and ergonomics on our trimmers for decades, so you can work faster and get jobs done more efficiently.



**DSRM-2600**



5 year consumer / 2 year commercial warranties not available in all countries. Please check with your local dealer for details.



# TRIMMERS & BRUSHCUTTERS

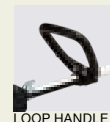


## DSRM-310

Rated voltage: 36.0V // Dry weight\*1: 2.35kg



## SRM-222ES



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*2: 4.5kg(LOOP HANDLE), 4.8kg(U HANDLE)



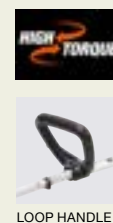
## SRM-237



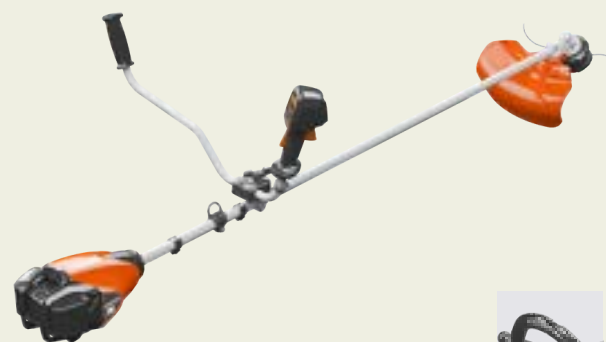
Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*2: 5.0kg(LOOP HANDLE), 5.4kg(U HANDLE)



## SRM-237TES



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*2: 5.1kg(LOOP HANDLE), 5.4kg(U HANDLE)



## DSRM-2600



Rated voltage: 50.4V //  
Dry weight\*1: 3.2kg(LOOP HANDLE), 3.7kg(U HANDLE)



## SRM-2621ES



Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*2: 5.5kg(LOOP HANDLE), 5.6kg(U HANDLE)

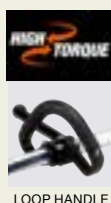


\*1: Unit without battery, guard and edge guide. \*2: Unit without fuel, cutting attachment, guard and harness. \*3: Unit without battery, cutting attachment and guard.



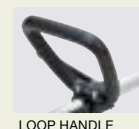
## SRM-2621TES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight\*<sup>2</sup>: 5.7kg(LOOP HANDLE), 5.8kg(U HANDLE)



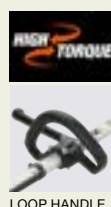
## SRM-267

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps // Dry weight\*<sup>2</sup>: 5.3kg(LOOP HANDLE), 5.7kg(U HANDLE)



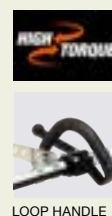
## SRM-301TES

Engine displacement: 28.1cm<sup>3</sup> // Output: 0.9kW / 1.2ps // Dry weight\*<sup>2</sup>: 5.8kg(LOOP HANDLE), 5.9kg(U HANDLE)



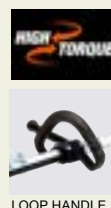
## SRM-3021TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps // Dry weight\*<sup>1</sup>: 5.9kg(LOOP HANDLE), 6.0kg(U HANDLE)



## SRM-3611T

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.4kW / 1.9ps // Dry weight\*<sup>1</sup>: 6.1kg(LOOP HANDLE), 6.3kg(U HANDLE)



## SRM-420ES-LW

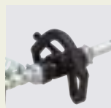
Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps // Dry weight\*<sup>1</sup>: 8.0kg



# TRIMMERS & BRUSHCUTTERS



**SRM-420ES**

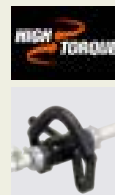


LOOP HANDLE

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps //  
Dry weight\*1: 7.9kg(LOOP HANDLE), 8.5kg(U HANDLE)



**SRM-420TES**



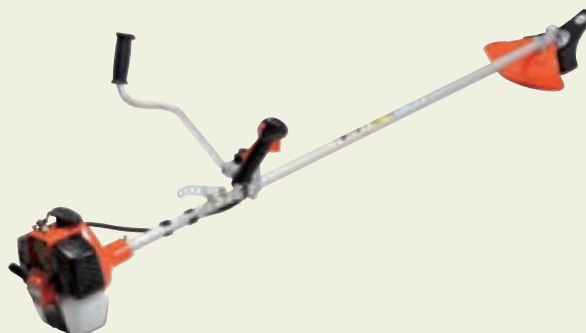
LOOP HANDLE

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps //  
Dry weight\*1: 8.0kg(LOOP HANDLE), 8.7kg(U HANDLE)



**SRM-4510**

Engine displacement: 45.7cm<sup>3</sup> // Output: 1.7kW / 2.3ps //  
Dry weight\*1: 7.4kg



**SRM-4605**

Engine displacement: 45.7cm<sup>3</sup> // Output: 1.7kW / 2.3ps //  
Dry weight\*1: 7.9kg



**SRM-520ES**

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps //  
Dry weight\*1: 9.0kg



**BCLS-520ES**

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps //  
Dry weight\*1: 9.4kg



\*1: Unit without fuel, cutting attachment, guard and harness.

## CLEARING SAWS



### CLS-520ES

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps // Dry weight\*1: 9.9kg



## TRIMMERS CURVED SHAFT



### GT-222ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*1: 4.3kg



## BRUSHCUTTERS BACKPACK



### RM-520ES

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps // Dry weight\*1: 11.9kg



### RM-3020T

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps // Dry weight\*1: 9.0kg



# SPECIFICATIONS

## TRIMMERS / BRUSHCUTTERS

|                                                   |             | CURVED SHAFT TRIMMERS | TRIMMERS             |             | TRIMMERS / BRUSHCUTTERS |           |  |
|---------------------------------------------------|-------------|-----------------------|----------------------|-------------|-------------------------|-----------|--|
|                                                   |             | GT-222ES              | SRM-222ES            |             | SRM-237                 |           |  |
| Configuration                                     |             | EU, AUS               | EU, AUS              |             | EU                      |           |  |
| Handle type                                       |             | L                     | U                    | L           | U                       | L         |  |
| Engine displacement (cm³)                         |             | 21.2                  | 21.2                 | 21.2        | 21.2                    | 21.2      |  |
| Output (kW / ps)                                  |             | 0.7 / 1.0             | 0.7 / 1.0            | 0.7 / 1.0   | 0.7 / 1.0               | 0.7 / 1.0 |  |
| Dry weight (kg)*1                                 |             | 4.3                   | 4.8                  | 4.5         | 5.4                     | 5.0       |  |
| Fuel tank capacity (mL)                           |             | 400                   | 400                  | 400         | 440                     | 440       |  |
| Fuel consumption at maximum engine power (L/h)    |             | 0.45                  | 0.45                 | 0.45        | 0.45                    | 0.45      |  |
| Carburettor                                       |             | Diaphragm             | Diaphragm            | Diaphragm   | Diaphragm               | Diaphragm |  |
| Start assist system                               |             | ES-Start              | ES-Start             | ES-Start    | -                       | -         |  |
| Drive shaft type                                  |             | Flexible              | Flexible             | Flexible    | Solid                   | Solid     |  |
| Drive shaft diameter (mm)                         |             | 6.1                   | 6.15                 | 6.15        | 6.0                     | 6.0       |  |
| Main pipe diameter (mm)                           |             | 25.0                  | 25.0                 | 25.0        | 25.0                    | 25.0      |  |
| Gear reduction ratio                              |             | 1.0                   | 1.36                 | 1.36        | 1.36                    | 1.36      |  |
| Standardised nylon head                           | Type        | G137 100              | G138 500             | G138 500    | SF400                   | SF400     |  |
|                                                   | Item number | X047-000552           | X047-000561          | X047-000561 | SF400/E1                | SF400/E1  |  |
| Standardised metal blade                          | Type        | -                     | 3-cutter metal blade | -           | 3-cutter metal blade    | -         |  |
|                                                   | Item number | -                     | P021-014310          | -           | P021-014310             | -         |  |
| Vibration Left handle / Right handle (m/s²)*2     | Metal blade | -                     | 3.7 / 2.9            | -           | 3.7 / 3.6               | -         |  |
|                                                   | Nylon head  | 4.7 / 4.7             | 4.2 / 2.8            | 4.9 / 5.9   | 2.4 / 2.9               | 4.1 / 2.0 |  |
| Sound pressure level (dB(A)) Blade / Nylon head*3 |             | - / 91.5              | 92.7 / 90.6          | - / 91.5    | 92.7 / 91.4             | - / 90.6  |  |
| Sound power level (dB(A)) Blade / Nylon head*4    |             | - / 102.9             | 103.8 / 102.6        | - / 102.4   | 101.8 / 99.9            | - / 99.6  |  |

|                                                   |             | TRIMMERS / BRUSHCUTTERS |           |             |           |                 |                 |  |
|---------------------------------------------------|-------------|-------------------------|-----------|-------------|-----------|-----------------|-----------------|--|
|                                                   |             | SRM-2621ES              |           | SRM-2621TES |           | SRM-267         |                 |  |
| Configuration                                     |             | EU                      |           | EU          |           | EU              |                 |  |
| Handle type                                       |             | U                       | L         | U           | L         | U               | L               |  |
| Engine displacement (cm³)                         |             | 25.4                    | 25.4      | 25.4        | 25.4      | 25.4            | 25.4            |  |
| Output (kW / ps)                                  |             | 1.0 / 1.4               | 1.0 / 1.4 | 1.0 / 1.4   | 1.0 / 1.4 | 0.9 / 1.2       | 0.9 / 1.2       |  |
| Dry weight (kg)*1                                 |             | 5.6                     | 5.5       | 5.8         | 5.7       | 5.7             | 5.3             |  |
| Fuel tank capacity (mL)                           |             | 600                     | 600       | 600         | 600       | 500             | 500             |  |
| Fuel consumption at maximum engine power (L/h)    |             | 0.61                    | 0.61      | 0.61        | 0.61      | 0.60            | 0.60            |  |
| Carburettor                                       |             | Diaphragm               | Diaphragm | Diaphragm   | Diaphragm | Diaphragm       | Diaphragm       |  |
| Start assist system                               |             | ES-Start                | ES-Start  | ES-Start    | ES-Start  | -               | -               |  |
| Drive shaft type                                  |             | Solid                   | Solid     | Solid       | Solid     | Solid           | Solid           |  |
| Drive shaft diameter (mm)                         |             | 7.0                     | 7.0       | 7.0         | 7.0       | 7.0             | 7.0             |  |
| Main pipe diameter (mm)                           |             | 25.0                    | 25.0      | 25.0        | 25.0      | 25.0            | 25.0            |  |
| Gear reduction ratio                              |             | 1.36                    | 1.36      | 2.07        | 2.07      | 1.36            | 1.36            |  |
| Standardised nylon head                           | Type        | SF400                   | SF400     | SF400       | SF400     | RAPID-LOADER-25 | RAPID-LOADER-25 |  |
|                                                   | Item number | SF400/E1                | SF400/E1  | SF400/E1    | SF400/E1  | C6000229        | C6000229        |  |
| Standardised metal blade                          | Type        | 3-cutter metal blade    | -         | -           | -         | -               | -               |  |
|                                                   | Item number | P021-014310             | -         | -           | -         | -               | -               |  |
| Vibration Left handle / Right handle (m/s²)*2     | Metal blade | 3.8 / 4.0               | -         | -           | -         | -               | -               |  |
|                                                   | Nylon head  | 4.1 / 3.6               | 4.0 / 2.9 | 4.6 / 4.6   | 5.4 / 3.0 | 3.9 / 3.2       | 5.0 / 3.5       |  |
| Sound pressure level (dB(A)) Blade / Nylon head*3 |             | 94.5 / 94.0             | - / 92.9  | - / 95.5    | - / 93.1  | - / 94.4        | - / 94.4        |  |
| Sound power level (dB(A)) Blade / Nylon head*4    |             | 104.5 / 105.7           | - / 105.0 | - / 105.2   | - / 104.8 | - / 105.5       | - / 104.6       |  |

\*1: Unit without fuel, cutting attachment, guard and harness.

\*2: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s²(Metal Blade), 1.2m/s²(Nylon head).

\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>son</sub>)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head).

\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>WA</sub>)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).

|  | TRIMMERS / BRUSHCUTTERS |           |
|--|-------------------------|-----------|
|  | SRM-237TES              |           |
|  | EU                      |           |
|  | U                       | L         |
|  | 21.2                    | 21.2      |
|  | 0.7 / 1.0               | 0.7 / 1.0 |
|  | 5.4                     | 5.1       |
|  | 440                     | 440       |
|  | 0.45                    | 0.45      |
|  | Diaphragm               | Diaphragm |
|  | ES-Start                | ES-Start  |
|  | Solid                   | Solid     |
|  | 6.0                     | 6.0       |
|  | 25.0                    | 25.0      |
|  | 1.62                    | 1.62      |
|  | SF400                   | SF400     |
|  | SF400/E1                | SF400/E1  |
|  | -                       | -         |
|  | -                       | -         |
|  | -                       | -         |
|  | 3.6 / 3.7               | 4.8 / 2.9 |
|  | - / 91.7                | - / 91.0  |
|  | - / 101.4               | - / 101.6 |

|  | TRIMMERS / BRUSHCUTTERS |                 |             |           |
|--|-------------------------|-----------------|-------------|-----------|
|  | SRM-301TES              |                 | SRM-3021TES |           |
|  | EU                      |                 | EU          |           |
|  | U                       | L               | U           | L         |
|  | 28.1                    | 28.1            | 30.5        | 30.5      |
|  | 0.9 / 1.2               | 0.9 / 1.2       | 1.3 / 1.8   | 1.3 / 1.8 |
|  | 5.9                     | 5.8             | 6.0         | 5.9       |
|  | 610                     | 610             | 710         | 710       |
|  | 0.65                    | 0.65            | 0.72        | 0.72      |
|  | Diaphragm               | Diaphragm       | Diaphragm   | Diaphragm |
|  | ES-Start                | ES-Start        | ES-Start    | ES-Start  |
|  | Solid                   | Solid           | Solid       | Solid     |
|  | 7.0                     | 7.0             | 7.0         | 7.0       |
|  | 25.0                    | 25.0            | 25.0        | 25.0      |
|  | 2.07                    | 2.07            | 1.62        | 1.62      |
|  | RAPID-LOADER-25         | RAPID-LOADER-25 | SF500       | SF500     |
|  | C6000229                | C6000229        | SF500/E     | SF500/E   |
|  | -                       | -               | -           | -         |
|  | -                       | -               | -           | -         |
|  | -                       | -               | -           | -         |
|  | 4.2 / 4.1               | 3.8 / 2.7       | 3.3 / 2.2   | 4.0 / 2.0 |
|  | - / 93.0                | - / 92.1        | - / 94.9    | - / 94.9  |
|  | - / 103.1               | - / 103.4       | - / 105.0   | - / 104.5 |

# SPECIFICATIONS

## TRIMMERS / BRUSHCUTTERS

|                                                   |             | TRIMMERS / BRUSHCUTTERS |           |                 |                      |             |
|---------------------------------------------------|-------------|-------------------------|-----------|-----------------|----------------------|-------------|
|                                                   |             | SRM-3611T               |           | SRM-420ES-LW    | SRM-420ES            |             |
| Configuration                                     |             | EU                      |           | EU              | EU                   |             |
| Handle type                                       |             | U                       | L         | U               | U                    | L           |
| Engine displacement (cm³)                         |             | 36.3                    | 36.3      | 41.5            | 41.5                 | 41.5        |
| Output (kW / ps)                                  |             | 1.4 / 1.9               | 1.4 / 1.9 | 1.8 / 2.4       | 1.8 / 2.4            | 1.8 / 2.4   |
| Dry weight (kg)*1                                 |             | 6.3                     | 6.1       | 8.0             | 8.5                  | 7.9         |
| Fuel tank capacity (mL)                           |             | 850                     | 850       | 690             | 690                  | 690         |
| Fuel consumption at maximum engine power (L/h)    |             | 0.92                    | 0.92      | 1.05            | 1.05                 | 1.05        |
| Carburettor                                       |             | Diaphragm               | Diaphragm | Diaphragm       | Diaphragm            | Diaphragm   |
| Start assist system                               |             | Decomp                  | Decomp    | ES-Start        | ES-Start             | ES-Start    |
| Drive shaft type                                  |             | Solid                   | Solid     | Solid           | Solid                | Solid       |
| Drive shaft diameter (mm)                         |             | 7.0                     | 7.0       | 8.0             | 8.0                  | 8.0         |
| Main pipe diameter (mm)                           |             | 25.0                    | 25.0      | 28.0            | 28.0                 | 28.0        |
| Gear reduction ratio                              |             | 1.62                    | 1.62      | 1.33            | 1.33                 | 1.33        |
| Standardised nylon head                           | Type        | SF500                   | SF500     | RAPID-LOADER 35 | DS-5 M10L            | DS-5 M10L   |
|                                                   | Item number | SF500/E                 | SF500/E   | C6000240        | X047-000222          | X047-000222 |
| Standardised metal blade                          | Type        | -                       | -         | -               | 3-cutter metal blade | -           |
|                                                   | Item number | -                       | -         | -               | P021-014320          | -           |
| Vibration Left handle / Right handle (m/s²)*2     | Metal blade | -                       | -         | -               | 3.2 / 2.9            | -           |
|                                                   | Nylon head  | 3.3 / 2.4               | 4.1 / 2.7 | 5.3 / 4.7       | 4.7 / 4.9            | 2.5 / 4.7   |
| Sound pressure level (dB(A)) Blade / Nylon head*3 |             | - / 94.7                | - / 94.0  | - / 96.8        | 95.6 / 94.4          | - / 96.1    |
| Sound power level (dB(A)) Blade / Nylon head*4    |             | - / 104.3               | - / 104.5 | - / 109.1       | 108.5 / 108.2        | - / 108.0   |

|                                                   |             | SEMI<br>CLEARING SAW | CLEARING SAW       | BACKPACK<br>BRUSHCUTTERS |                 |
|---------------------------------------------------|-------------|----------------------|--------------------|--------------------------|-----------------|
|                                                   |             | BCLS-520ES           | CLS-520ES          | RM-520ES                 | RM-3020T        |
| Configuration                                     |             | EU                   | EU                 | EU, TUR                  | EU              |
| Handle type                                       |             | U                    | U                  | L                        | L               |
| Engine displacement (cm³)                         |             | 50.2                 | 50.2               | 50.2                     | 30.5            |
| Output (kW / ps)                                  |             | 2.2 / 2.9            | 2.2 / 2.9          | 2.2 / 2.9                | 1.3 / 1.8       |
| Dry weight (kg)*1                                 |             | 9.4                  | 9.9                | 11.9                     | 9.0             |
| Fuel tank capacity (mL)                           |             | 690                  | 690                | 1070                     | 1030            |
| Fuel consumption at maximum engine power (L/h)    |             | 1.23                 | 1.23               | 1.23                     | 0.72            |
| Carburettor                                       |             | Diaphragm            | Diaphragm          | Diaphragm                | Diaphragm       |
| Start assist system                               |             | ES-Start             | ES-Start           | ES-Start                 | -               |
| Drive shaft type                                  |             | Solid                | Solid              | Solid                    | Solid           |
| Drive shaft diameter (mm)                         |             | 8.0                  | 10.0               | 8.0                      | 7.0             |
| Main pipe diameter (mm)                           |             | 28.0                 | 35.0               | 28.0                     | 25.0            |
| Gear reduction ratio                              |             | 1.40                 | 1.40               | 1.33                     | 1.62            |
| Standardised nylon head                           | Type        | -                    | -                  | Z5 M10L                  | RAPID-LOADER-25 |
|                                                   | Item number | -                    | -                  | X047-000332              | C6000229        |
| Standardised metal blade                          | Type        | -                    | Clearing saw blade | -                        | -               |
|                                                   | Item number | -                    | X040-000090        | -                        | -               |
| Vibration Left handle / Right handle (m/s²)*2     | Metal blade | -                    | 3.1 / 3.5          | -                        | -               |
|                                                   | Nylon head  | -                    | -                  | 5.3 / 4.0                | 2.3 / 2.8       |
| Sound pressure level (dB(A)) Blade / Nylon head*3 |             | -                    | 98.3 / -           | - / 99.7                 | - / 98.1        |
| Sound power level (dB(A)) Blade / Nylon head*4    |             | -                    | 109.9 / -          | - / 111.0                | - / 104.3       |

\*1: Unit without fuel, cutting attachment, guard and harness.

\*2: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s²(Metal Blade), 1.2m/s²(Nylon head).

\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>pa</sub>)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head).

\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>wa</sub>)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).

|  | TRIMMERS / BRUSHCUTTERS |             |                 |                      |                      |
|--|-------------------------|-------------|-----------------|----------------------|----------------------|
|  | SRM-420TES              |             | SRM-4510        | SRM-4605             | SRM-520ES            |
|  | EU                      |             | BASIC           | BASIC                | EU, TUR              |
|  | U                       | L           | U               | U                    | U                    |
|  | 41.5                    | 41.5        | 45.7            | 45.7                 | 50.2                 |
|  | 1.8 / 2.4               | 1.8 / 2.4   | 1.7 / 2.3       | 1.7 / 2.3            | 2.2 / 2.9            |
|  | 8.7                     | 8.0         | 7.4             | 7.9                  | 9.0                  |
|  | 690                     | 690         | 950             | 950                  | 690                  |
|  | 1.05                    | 1.05        | 1.39            | 1.40                 | 1.23                 |
|  | Diaphragm               | Diaphragm   | Diaphragm       | Diaphragm            | Diaphragm            |
|  | ES-Start                | ES-Start    | -               | -                    | ES-Start             |
|  | Solid                   | Solid       | Solid           | Solid                | Solid                |
|  | 8.0                     | 8.0         | 8.0             | 8.0                  | 8.0                  |
|  | 28.0                    | 28.0        | 28.0            | 28.0                 | 28.0                 |
|  | 2.08                    | 2.08        | 1.36            | 1.33                 | 1.33                 |
|  | B6 M10L                 | B6 M10L     | RAPID-LOADER-35 | B6 M10L              | DS-5 M10L            |
|  | X047-001121             | X047-001121 | C6000240        | X047-001121          | X047-000222          |
|  | -                       | -           | -               | 3-cutter metal blade | 3-cutter metal blade |
|  | -                       | -           | -               | X405-000001          | P021-014320          |
|  | -                       | -           | -               | 5.3 / 4.2            | 3.4 / 3.2            |
|  | 4.5 / 3.4               | 2.3 / 3.7   | 6.7 / 5.7       | 5.6 / 4.2            | 3.0 / 2.7            |
|  | - / 97.2                | - / 98.5    | -               | -                    | 99.2 / 99.5          |
|  | - / 110.4               | - / 110.8   | -               | -                    | 110.1 / 111.3        |

# TRIMMERS & BRUSHCUTTER ACCESSORIES

## METAL BLADE

A variety of brush and dense blades are available for any ECHO brushcutter.



### 3-CUTTER BLADE

230mm (t2.0): Part# X405-000011  
255mm (t2.0): Part# X405-000001



### 3-CUTTER BLADE

230mm (t3.0): Part# P021-014310  
255mm (t3.0): Part# P021-014320



### 4-CUTTER BLADE

230mm (t2.0): Part# X400-000021  
255mm (t1.4): Part# 696001-64133  
255mm (t2.0): Part# X400-000032



### 8-CUTTER BLADE

230mm (t1.8): Part# X405-000130  
255mm (t1.4): Part# 696001-55632  
255mm (t2.0): Part# X405-000141



### CLEARING SAW BLADE

200mm (t1.5): Part# X040-000090  
Arbot:20mm



### SHREDDER BLADE

Part# X413-000040



### SHREDDER BLADE SHIELD KIT

Part# P021-035961



### SAW BLADE SHIELD

Item# P100-008860  
Can not be used with X040-000090



### PRS-231M

Item# C6000196  
Pipe sleeves and gear case adapters included.

The PRS-231M attachment features two contra-rotating blades that 'snip' the grass or brush, just like scissors. This allows you to trim right up to any surface with no risk of damage or injury from kickback or thrown objects. Perfect for trimming near bystanders, parked vehicles, office windows and in areas containing loose objects.

## BRUSHCUTTER HARNESS



### ERGONOMIC HARNESS

Part# C062-000550



### ERGO PRO

Part# C062-000611

# METAL BLADE REFERENCE CHART

| Standard <br>Option  |   | METAL BLADE                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                                                                        |   | 3-CUTTER BLADE                                                                     |                                                                                     |                                                                                     |                                                                                     | 4-CUTTER BLADE                                                                      |                                                                                     |                                                                                       | 8-CUTTER BLADE                                                                        |                                                                                       |                                                                                       | CLEAR-<br>ING SAW                                                                     | SHRED-<br>DER<br>BLADE                                                                | SAW<br>BLADE<br>SHIELD                                                                |
| Part number                                                                                                                                                                            |   | X405-<br>000011                                                                    | X405-<br>000001                                                                     | P021-<br>014310                                                                     | P021-<br>014320                                                                     | X400-<br>000021                                                                     | 696001-<br>64133                                                                    | X400-<br>000032                                                                       | X405-<br>000130                                                                       | 696001-<br>55632                                                                      | X405-<br>000141                                                                       | X040-<br>000090                                                                       | X413-<br>000040                                                                       | P100-<br>0088609                                                                      |
| SRM-222ES                                                                                                                                                                              | U |   |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |   |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-237                                                                                                                                                                                | U |                                                                                    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |                                                                                    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-237TES                                                                                                                                                                             | U |                                                                                    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |                                                                                    |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-2621ES                                                                                                                                                                             | U |   |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |   |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-2621TES                                                                                                                                                                            | U |   |                                                                                     |    |                                                                                     |    |                                                                                     |                                                                                       |    |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |  |                                                                                     |   |                                                                                     |   |                                                                                     |                                                                                       |   |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-267                                                                                                                                                                                | U |                                                                                    |                                                                                     |  |                                                                                     |  |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |                                                                                    |                                                                                     |  |                                                                                     |  |                                                                                     |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-301TES                                                                                                                                                                             | U |                                                                                    |  |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |  |  |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |                                                                                    |  |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |  |  |                                                                                       |                                                                                       |                                                                                       |
| SRM-3021TES                                                                                                                                                                            | U |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |  |
|                                                                                                                                                                                        | L |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |  |
| SRM-3611T                                                                                                                                                                              | U |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |  |  |                                                                                       |                                                                                       |  |
|                                                                                                                                                                                        | L |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |  |  |                                                                                       |                                                                                       |  |
| SRM-420ES-LW                                                                                                                                                                           | U |                                                                                    |  |                                                                                     |  |                                                                                     |                                                                                     |    |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |  |
| SRM-420ES                                                                                                                                                                              | U |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |  |                                                                                       |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |  |
|                                                                                                                                                                                        | L |                                                                                    |  |                                                                                     |  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |  |
| SRM-420TES                                                                                                                                                                             | U |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |  |  |                                                                                       |  |  |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | L |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| SRM-4605 (BASIC)                                                                                                                                                                       | U |                                                                                    |  |                                                                                     |  |                                                                                     |  |  |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |
| SRM-4510                                                                                                                                                                               | U |                                                                                    |  |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| BCLS-520ES                                                                                                                                                                             | U |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |  |                                                                                       |
| CLS-520ES                                                                                                                                                                              | U |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |  |                                                                                       |                                                                                       |
| SRM-520ES                                                                                                                                                                              | U |                                                                                    |  |                                                                                     |  |                                                                                     |  |  |                                                                                       |  |  |                                                                                       |                                                                                       |  |
| RM-520ES                                                                                                                                                                               | L |                                                                                    |  |                                                                                     |  |                                                                                     |  |  |                                                                                       |  |  |                                                                                       |                                                                                       |  |
| RM-3020T                                                                                                                                                                               |   |                                                                                    |                                                                                     |                                                                                     |  |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| DSRM-2600                                                                                                                                                                              | L |                                                                                    |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|                                                                                                                                                                                        | U |                                                                                    |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| MTA-TB                                                                                                                                                                                 | L |                                                                                    |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| MTA-DTB                                                                                                                                                                                | - |                                                                                    |                                                                                     |  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |

# TRIMMERS & BRUSHCUTTER ACCESSORIES

Maximise your trimming and brushcutting performance with ECHO's complete line of trimmer heads, brushcutter blades and other accessories. From TAP & GO nylon cutting heads to our high performance steel brush blades, ECHO offers the right accessory for your task. Just like our trimmers, all of our trimmer and brush cutter accessories use commercial-quality components that are built to withstand daily, professional use.

## SPEED FEED TRIMMER HEAD

ECHO's patented revolutionary Speed-Feed® trimmer head takes the hassle out of refilling your trimmer head and is the easiest loading tap-to advance head available. In fact the Speed-Feed reloads in under 30 seconds with just three easy steps, all without taking the head apart. SF400 is perfectly balanced for vibration-free operation and comes pre-loaded with 2.4mm Black diamond™ line.

Dia: 2.4mm (Max. 2.7mm)  
Length: 3.0m



**SF400**

Part# SF400/E1

### 1. Line-up Arrows



### 2. Feed Line



### 3. Twist Top Disc



Dia: 2.7mm (Max. 3.3mm)  
Length: 3.0m



**SF500**

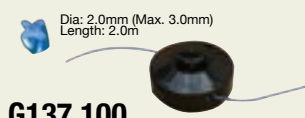
Part# SF500/E

## TAP & GO NYLON CUTTING HEAD



**B4**

B4-R: Part# X047-000381 (RH)



**G137 100**

Part# X047-000551



**G138**

G138 500: Part# X047-000560 (w/o spacer)



**F4**

Part# X047-000260



**DS-5**

Part# X047-000221



**Z5**

Part# X048-000020



**B6**

B6 M10: Part# X047-001121 (10mm bolt)  
B6 M12: Part# X047-000460 (12mm bolt)

## RAPID-LOADER™ HEAD



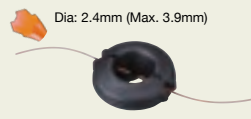
**RAPID-LOADER™ 25**

Item# C6000229



**RAPID-LOADER™ 35**

Item# C6000240



**2-LINE RAPID-LOADER™**

Item# C9500089



**3-LINE RAPID-LOADER™**

Item# C9500092

# NYLON LINE HEAD REFERENCE CHART

Standard

Option

●

◇

|                  |   |                   | TAP & GO NYLON LINE CUTTING HEAD |             |             |             |             |             |             |             | SPEED-FEED |         | RAPID LOADER    |                 | MANUAL / FIXED NYLON LINE CUTTING HEAD |          |
|------------------|---|-------------------|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|---------|-----------------|-----------------|----------------------------------------|----------|
|                  |   | Replacement spool | B4 R                             | G137 100    | G138 500    | F4 M10      | DS-5        | Z5 M10L     | B6          |             | SF400      | SF500   | RAPID-LOADER 25 | RAPID-LOADER 35 | RAPID-LOADER                           |          |
|                  |   |                   |                                  |             |             |             |             |             | M10L        | M12L        |            |         |                 |                 | 2-Line                                 | 3-Line   |
| Part number      |   | P022-061460       | X047-000381                      | X047-000551 | X047-000560 | X047-000260 | X047-000221 | X048-000020 | X047-001121 | X047-000460 | SF400/E1   | SF500/E | C6000229        | C6000240        | C9500089                               | C9500092 |
| GT-222ES         | L |                   | ◇                                | ●           |             |             |             |             |             |             |            |         |                 |                 |                                        |          |
| SRM-222ES        | U |                   |                                  |             | ●           |             |             |             |             |             | ◇          |         |                 |                 | ◇                                      |          |
|                  | L |                   |                                  |             | ●           |             |             |             |             |             | ◇          |         |                 |                 | ◇                                      |          |
| SRM-237          | U |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
|                  | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
| SRM-237TES       | U |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
|                  | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
| SRM-2621ES       | U |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
|                  | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
| SRM-2621TES      | U |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
|                  | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 | ◇                                      |          |
| SRM-267          | U |                   |                                  |             |             | ◇           |             |             |             |             | ◇          |         | ●               |                 |                                        |          |
|                  | L |                   |                                  |             |             | ◇           |             |             |             |             | ◇          |         | ●               |                 |                                        |          |
| SRM-301TES       | U |                   |                                  |             |             | ◇           |             | ◇           |             |             | ◇          |         | ●               |                 | ◇                                      |          |
|                  | L |                   |                                  |             |             |             |             | ◇           |             |             | ◇          |         | ●               |                 | ◇                                      |          |
| SRM-3021TES      | U |                   |                                  |             |             |             |             |             |             |             | ◇          | ●       |                 |                 |                                        | ◇        |
|                  | L |                   |                                  |             |             |             |             |             |             |             | ◇          | ●       |                 |                 |                                        | ◇        |
| SRM-3611T        | U |                   |                                  |             |             |             |             | ◇           |             |             |            | ●       |                 | ◇               | ◇                                      | ◇        |
|                  | L |                   |                                  |             |             |             |             | ◇           |             |             |            | ●       |                 | ◇               | ◇                                      | ◇        |
| SRM-420ES        | U |                   |                                  |             |             |             | ◇ / ● (EU)  | ◇           |             |             |            | ◇       |                 | ◇               | ◇                                      | ◇        |
|                  | L |                   |                                  |             |             |             | ●           | ◇           |             |             |            | ◇       |                 | ◇               | ◇                                      | ◇        |
| SRM-420ES-LW     | U |                   |                                  |             |             |             | ◇           |             |             |             |            | ◇       |                 | ●               |                                        |          |
| SRM-420TES       | U |                   |                                  |             |             |             | ◇           | ◇           | ●           |             |            | ◇       |                 | ◇               | ◇                                      | ◇        |
|                  | L |                   |                                  |             |             |             |             | ◇           | ●           |             |            | ◇       |                 | ◇               | ◇                                      | ◇        |
| SRM-4510 (BASIC) | U |                   |                                  |             |             |             |             |             |             |             |            |         |                 | ●               |                                        |          |
| SRM-4605 (BASIC) | U |                   |                                  |             |             |             |             | ◇           | ●           |             |            |         |                 | ◇               | ◇                                      | ◇        |
| SRM-520ES        | U |                   |                                  |             |             |             | ●           |             |             |             |            | ◇       |                 | ◇               | ◇                                      | ◇        |
| BCLS-520ES       | U |                   |                                  |             |             |             |             |             |             | ◇           |            | ◇       |                 | ◇               |                                        |          |
| RM-520ES         | L |                   |                                  |             |             |             | ◇           | ●           |             |             |            | ◇       |                 | ◇               | ◇                                      | ◇        |
| RM-3020T         |   |                   |                                  |             |             |             |             |             |             |             | ●          | ◇       |                 |                 |                                        |          |
| DSRM-310         | L | ●                 |                                  |             |             |             |             |             |             |             |            |         |                 |                 |                                        |          |
| DSRM-2600        | U |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 |                                        |          |
|                  | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 |                                        |          |
| DPAS-TRIMMER     | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 |                                        |          |
| MTA-TB           | L |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 |                                        |          |
| MTA-DTB          | - |                   |                                  |             |             |             |             |             |             |             | ●          |         |                 |                 |                                        |          |

# TRIMMERS & BRUSHCUTTER ACCESSORIES

## HIGH DURABILITY LINE

ECHO high durability lines are manufactured with very high quality copolymer resins and outstanding extrusion technique for performance beyond expectation.

### ROUND LINE : Durable and lasts longer against hard surfaces



| Diameter  | Donut S           |           | Donut M           |           | Donut L           |           | Spool 160         |           | Spool 7           |           |
|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|
|           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           |
| ø 2.00 mm | 12                | 102142803 | 65                | 305080053 | 130               | 310080063 | 379               | 313080053 | 639               | 315080053 |
| ø 2.40 mm | 12                | 102142953 | 45                | 305095054 | 88                | 310095064 | 264               | 313095054 | 437               | 315095054 |
| ø 2.65 mm | -                 | -         | -                 | -         | 72                | 310105066 | 216               | 313105056 | -                 | -         |
| ø 3.00 mm | 10                | 102141220 | 28                | 305120051 | 56                | 310120062 | 169               | 313120052 | 281               | 315120052 |
| ø 3.30 mm | 8                 | 102142130 | 23                | 305103051 | 46                | 310130065 | 139               | 313130055 | 232               | 315130055 |
| ø 3.50 mm | -                 | -         | -                 | -         | 41                | 310140062 | 124               | 313140052 | -                 | -         |

### CROSS FIRE® LINE : 8 cutting edges offer extreme amount of working surface area



| Diameter  | Donut S           |           | Donut M           |           | Donut L           |           | Spool 160         |           | Spool 7           |           |
|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|
|           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           |
| ø 2.00 mm | 12                | 102152803 | 54                | 306080053 | 108               | 311080063 | 324               | 314080053 | 540               | 316080053 |
| ø 2.40 mm | 12                | 102152953 | 44                | 306095054 | 88                | 311095064 | 225               | 314095054 | 375               | 316095054 |
| ø 2.70 mm | 10                | 102152106 | 35                | 306106050 | 70                | 311106061 | 210               | 314106063 | 350               | 316106075 |
| ø 3.00 mm | 10                | 102151220 | 28                | 306120051 | 56                | 311120062 | 169               | 314120052 | 281               | 316120052 |
| ø 3.30 mm | 8                 | 102152130 | 23                | 306103051 | 46                | 311130065 | 139               | 314130055 | 231               | 316130055 |

### SILENTWIST™ LINE : Twisted geometry maximizes battery runtime and reduces noise



| Diameter  | Donut S           |           | Donut M           |           | Donut L           |           | Spool 160         |           | Spool 7           |           |
|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|
|           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           |
| ø 2.03 mm | 12                | 320080061 | 49                | 321080053 | 98                | 322080063 | 253               | 323080053 | 468               | 324080053 |
| ø 2.41 mm | 12                | 320095061 | 35                | 325095053 | 70                | 322095063 | 209               | 323095053 | 348               | 324095053 |
| ø 2.61 mm | 10                | 320105061 | 27                | 321105053 | 56                | 322105063 | 168               | 323105053 | -                 | -         |

### BLACK DIAMOND™ LINE : Square, twisted design creates razor sharp edges that cut 41% faster and last 33% longer



| Diameter  | Donut S           |           | Donut M           |           | Donut L           |           | Spool 160         |           | Spool 7           |           |
|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-------------------|-----------|
|           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           | Length(m) / Item# |           |
| ø 2.41 mm | 12                | 340095004 | 41                | 340095070 | 77                | 340095071 | 270               | 340095073 | -                 | -         |
| ø 2.67 mm | 10                | 340105004 | 34                | 340105070 | 66                | 340105071 | 216               | 340105073 | -                 | -         |
| ø 3.00 mm | 8                 | 340120004 | 31                | 340120070 | 63                | 340120071 | 208               | 340120073 | -                 | -         |
| ø 3.30 mm | 8                 | 340130004 | 26                | 340130070 | 53                | 340130071 | 168               | 340130073 | 278               | 340130075 |

#### BLACK DIAMOND™ LINE (TWISTED, SQUARE EDGES)

#### CROSS FIRE® LINE (MULTI- SIDED)

#### ROUND LINE

#### SILENTWIST™ LINE (TWISTED, CURVED EDGES)



## TITANIUM LINE

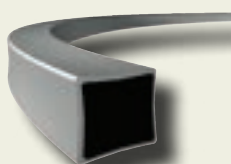
ECHO titanium lines are co-extruded professional quality trimmer lines with durable but supple core covered by extremely tough and resistant skin, which provide 30% more durability than single material lines. ECHO offers round, square and twist titanium line.

 High tenacity core = High resistance to breakage.

 Tough outer skin = Outstanding resistance to abrasion and welding.



| Diameter  | Donut S           |          | Donut M           |          | Donut L           |          | Spool 160         |          | Spool 7           |          |
|-----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|
|           | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          |
| ø 2.50 mm | 15                | C2070244 | 40                | C2070149 | 81                | C2070152 | 243               | C2070155 | -                 | -        |
| ø 3.00 mm | 15                | C2070245 | 28                | C2070150 | 56                | C2070153 | 169               | C2070156 | 279               | C2070221 |
| ø 3.50 mm | -                 | -        | -                 | -        | 41                | C2070154 | 123               | C2070220 | 205               | C2070247 |
| ø 4.00 mm | -                 | -        | -                 | -        | 29                | C2070265 | -                 | -        | 154               | C2070266 |



| Diameter  | Donut S           |          | Donut M           |          | Donut L           |          | Spool 160         |          | Spool 7           |          |
|-----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|
|           | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          |
| ø 2.50 mm | 15                | C2070249 | 32                | C2070215 | 64                | C2070164 | 191               | C2070167 | -                 | -        |
| ø 3.00 mm | 15                | C2070251 | 22                | C2070216 | 44                | C2070165 | 132               | C2070168 | 221               | C2070219 |
| ø 3.50 mm | -                 | -        | -                 | -        | 32                | C2070218 | 161               | C2070255 | -                 | -        |



| Diameter  | Donut S           |          | Donut M           |          | Donut L           |          | Spool 160         |          | Spool 7           |          |
|-----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|
|           | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          |
| ø 2.50 mm | 15                | C2070267 | 40                | C2070270 | 80                | C2070274 | 241               | C2070278 | 402               | C2070282 |
| ø 3.00 mm | 15                | C2070268 | 28                | C2070271 | 56                | C2070275 | 168               | C2070279 | 281               | C2070283 |
| ø 3.50 mm | 15                | C2070269 | 20                | C2070272 | 41                | C2070276 | 123               | C2070280 | 207               | C2070284 |
| ø 4.00 mm | -                 | -        | 17                | C2070273 | 34                | C2070277 | 98                | C2070281 | 168               | C2070285 |

## CO-EX TRANSPARENT LINE

Sophisticated polymer technology was used to develop this unique line. It consists of two distinct resins. The first creates a tough inner core which has excellent abrasion resistance and is less prone to breakage. The second resin is used for the soft outer skin which absorbs shock and reduces wear on fence posts or any other solid object which comes in contact. When combined, the result is a long lasting, durable line which leaves less material on the ground.

 Rigid core beats and slices grass for a manicured finish.

 Flexible outer skin neatly absorbs shocks and stress and does not damage objects.



| Diameter  | Donut S           |          | Donut M           |          | Donut L           |          | Spool 160         |          | Spool 7           |          |
|-----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|
|           | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          | Length(m) / Part# |          |
| ø 3.00 mm | 15                | C6000004 | 28                | C6000006 | 56                | C6000008 | 168               | C6000010 | 279               | C6000012 |
| ø 3.50 mm | 15                | C6000005 | 21                | C6000007 | 41                | C6000009 | 123               | C6000011 | 205               | C6000013 |

## OXO-BIODEGRADABLE LINE

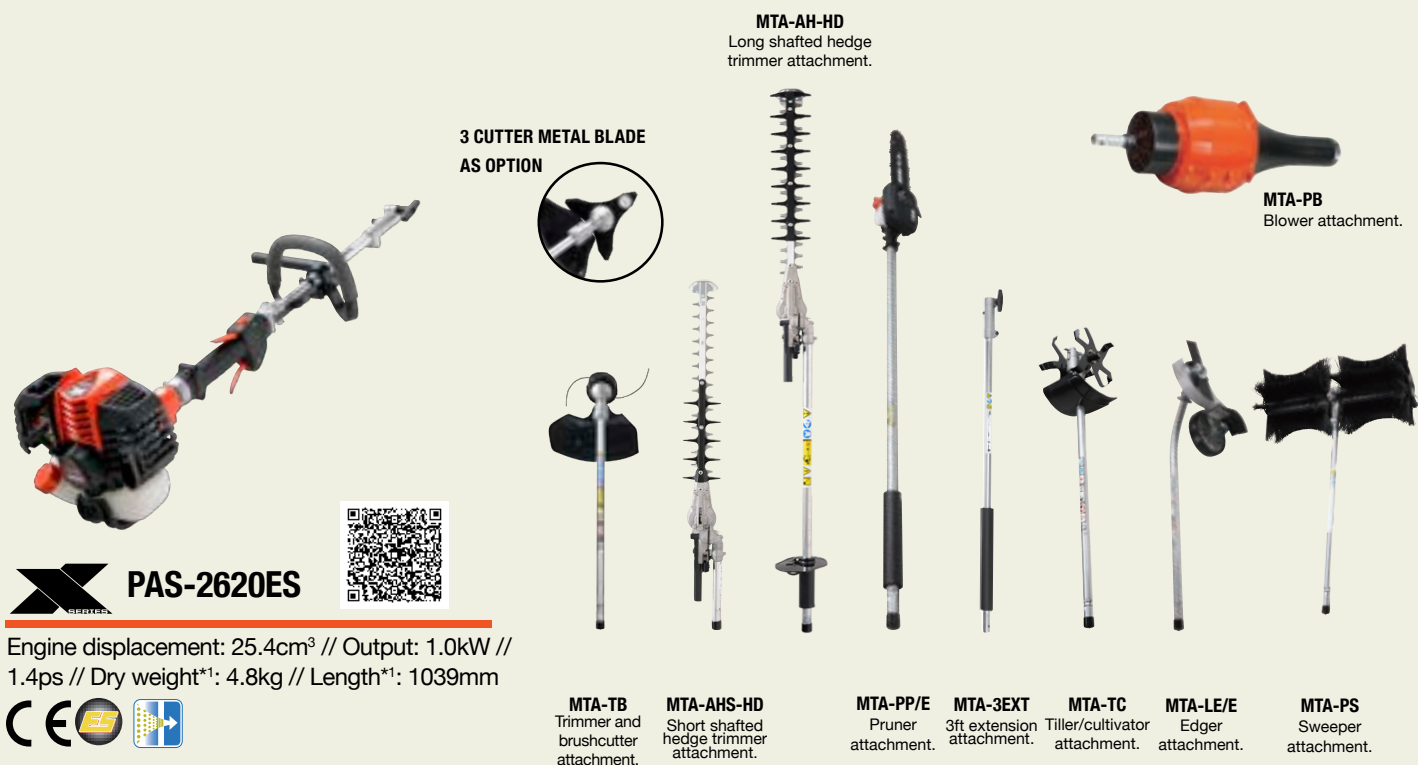
This is a strong and durable line which is also environmentally friendly. Over time it can degrade into the soil through exposure to sunlight, heat and microorganisms. It is the only line certified oxo-biodegradable by CNEP, the French research organisation for photo ageing.



Engineered undulation drastically reduces noise and provides dramatic cutting efficiency.

| Diameter  | Length(m) | Package | Item number |
|-----------|-----------|---------|-------------|
| ø 2.00 mm | 15        | Donut S | C6000001    |
| ø 2.65 mm | 15        | Donut S | C6000002    |
| ø 3.00 mm | 15        | Donut S | C6000003    |

# PRO ATTACHMENT SERIES™



## SPECIFICATIONS

### PRO ATTACHMENT SERIES™

|                                                | PRO ATTACHMENT SERIES™<br>PAS-2620ES |
|------------------------------------------------|--------------------------------------|
| Configuration                                  | EU                                   |
| Engine displacement (cm <sup>3</sup> )         | 25.4                                 |
| Output (kW / ps)                               | 1.0 / 1.4                            |
| Dry weight (kg)* <sup>1</sup>                  | 4.8                                  |
| Length (mm)                                    | 1039                                 |
| Start assist system                            | ES-Start                             |
| Fuel tank capacity (mL)                        | 600                                  |
| Fuel consumption at maximum engine power (L/h) | 0.61                                 |

### PRO ATTACHMENT SERIES™

|                               | PRO ATTACHMENT SERIES™<br>DPAS-2600 |
|-------------------------------|-------------------------------------|
| Rated Voltage (V)             | 50.4                                |
| Dry weight (kg)* <sup>2</sup> | 2.4                                 |
| Run Time (min)* <sup>3</sup>  | -                                   |
| Drive Shaft Type              | Flexible                            |
| Drive Shaft Diameter (mm)     | 6.1                                 |
| Main Pipe Diameter (mm)       | 25.0                                |

\*1: Unit without attachment. \*2: Unit without battery and attachment.

\*3: See Pro attachment series attachment run time. \*4: With 4.5Ah battery.

\*5: With DPAS-2600 power head. \*6: Without cutting attachment and shield.

\*7: Without guide bar and saw chain. \*8: With standard 25cm guide bar and saw chain.

\*9: Without blade. \*10: According to test codes referred in Machinery Directive.

### PRO ATTACHMENT SERIES™ ATTACHMENT

|                                                                               |                    | TRIMMER/ BRUSHCUTTER                        |                        |
|-------------------------------------------------------------------------------|--------------------|---------------------------------------------|------------------------|
|                                                                               |                    | MTA-TB                                      | MTA-DTB                |
| Dry weight (kg)                                                               |                    | 1.0* <sup>6</sup>                           | 0.9* <sup>6</sup>      |
| Run Time (min)* <sup>4,5</sup>                                                |                    | -                                           | Up to 32 (SF400)       |
| Length (mm)                                                                   |                    | 815* <sup>6</sup>                           | 818* <sup>6</sup>      |
| Drive shaft diameter (mm)                                                     |                    | 6.1                                         | 6.0                    |
| Main pipe diameter (mm)                                                       |                    | 25.0                                        | 25.0                   |
| Gear reduction ratio                                                          |                    | 1.36                                        | 1.62                   |
| Cutting length (mm)                                                           |                    | -                                           | -                      |
| Cutter pitch (mm)                                                             |                    | -                                           | -                      |
| Applicable bar length (cm / inch)                                             |                    | -                                           | -                      |
| Saw chain pitch (inch)                                                        |                    | -                                           | -                      |
| Cutting blade length (mm)                                                     |                    | -                                           | -                      |
| Culti rotor diameter (mm)                                                     |                    | -                                           | -                      |
| Culti rotor width (mm)                                                        |                    | -                                           | -                      |
| Maximum sweeping width (mm)                                                   |                    | -                                           | -                      |
| Air volume (m <sup>3</sup> /h)                                                |                    | -                                           | -                      |
| Maximum air speed (m/sec)                                                     |                    | -                                           | -                      |
| Vibration levels Front handle /Rear handle (m/s <sup>2</sup> )* <sup>10</sup> |                    | 4.3 / 4.5 (Blade)<br>3.1 / 2.8 (Nylon line) | 3.8 / 2.9 (Nylon line) |
| Sound pressure level (dB(A))* <sup>10</sup>                                   |                    | 92.3(Blade)<br>93.3(Nylon line)             | 79.6 (Nylon line)      |
| Sound power level (dB(A))* <sup>10</sup>                                      |                    | 104.0(Blade)<br>105.8(Nylon line)           | 92.0 (Nylon line)      |
| Uncertainty* <sup>10</sup>                                                    | (K)                | 0.8(Blade)<br>1.2(Nylon line)               | 1.5 (Nylon line)       |
|                                                                               | (K <sub>PA</sub> ) | 0.8(Blade)<br>1.5(Nylon line)               | 3.0 (Nylon line)       |
|                                                                               | (K <sub>WA</sub> ) | 1.6(Blade)<br>2.1(Nylon line)               | 3.0 (Nylon line)       |



**3 CUTTER METAL BLADE  
AS OPTION**



**DPAS-2600**



Rated voltage: 50.4V // Dry weight\*2: 2.4kg



**MTA-DTB**  
Trimmer and  
brushcutter  
attachment.

**MTA-DAH**  
Long shafted  
hedge trimmer  
attachment.

**MTA-DPP**  
Pruner  
attachment.

**MTA-TC**  
Tiller/cultivator  
attachment.

**MTA-LE/E**  
Edger  
attachment.

**MTA-PS**  
Sweeper  
attachment.



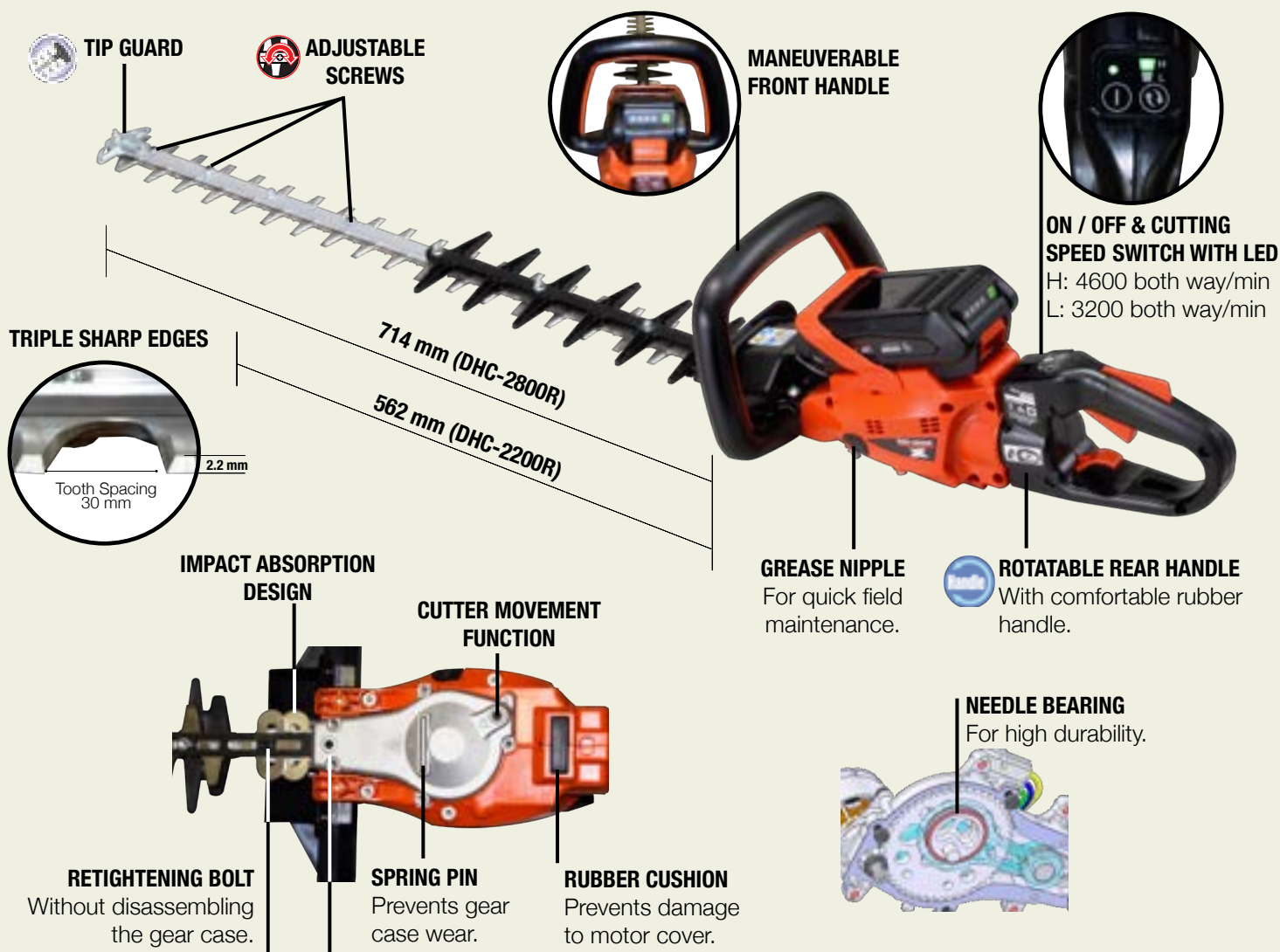
**MTA-PB**  
Blower attachment.

|  | HEDGE TRIMMER |           |           | POWER PRUNER® |           | TILLER<br>CULTIVATOR                                  | EDGER                                                 | PROSWEEP™                                             | BLOWER                                                | EXTENSION |
|--|---------------|-----------|-----------|---------------|-----------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-----------|
|  | MTA-AHS-HD    | MTA-AH-HD | MTA-DAH   | MTA-PP/E      | MTA-DPP   | MTA-TC                                                | MTA-LE/E                                              | MTA-PS                                                | MTA-PB                                                | MTA-3EXT  |
|  | 2.1           | 2.6       | 2.0       | 1.8           | 1.3*7     | 2.3*6                                                 | 2.4*9                                                 | 5.3                                                   | 1.8                                                   | 1.2       |
|  | –             | –         | Up to 99  | –             | Up to 48  | Up to 147                                             | Up to 96                                              | Up to 126                                             | Up to 11                                              | –         |
|  | 966           | 1637      | 1242      | 1451*8        | 1464*8    | 907                                                   | 787*9                                                 | 797                                                   | 635                                                   | 1000      |
|  | 6.1           | 6.1       | 6.1       | 6.1           | 6.1       | 6.1                                                   | 6.1                                                   | 6.1                                                   | 10.5                                                  | 6.1       |
|  | 25.0          | 25.0      | 25.0      | 25.0          | 25.0      | 25.0                                                  | 25.0                                                  | 25.0                                                  | 25.0                                                  | 25.0      |
|  | 4.6           | 4.6       | 4.6       | 1.53          | 0.94      | 42.75                                                 | 2.07                                                  | 42.75                                                 | –                                                     | –         |
|  | 536           | 536       | 536       | –             | –         | –                                                     | –                                                     | –                                                     | –                                                     | –         |
|  | 35            | 35        | 35        | –             | –         | –                                                     | –                                                     | –                                                     | –                                                     | –         |
|  | –             | –         | –         | 25 / 10       | 25 / 10   | –                                                     | –                                                     | –                                                     | –                                                     | –         |
|  | –             | –         | –         | 3/8           | 1/4       | –                                                     | –                                                     | –                                                     | –                                                     | –         |
|  | –             | –         | –         | –             | –         | –                                                     | 197                                                   | –                                                     | –                                                     | –         |
|  | –             | –         | –         | –             | –         | 220                                                   | –                                                     | –                                                     | –                                                     | –         |
|  | –             | –         | –         | –             | –         | 161                                                   | –                                                     | –                                                     | –                                                     | –         |
|  | –             | –         | –         | –             | –         | –                                                     | –                                                     | 598                                                   | –                                                     | –         |
|  | –             | –         | –         | –             | –         | –                                                     | –                                                     | –                                                     | 654                                                   | –         |
|  | –             | –         | –         | –             | –         | –                                                     | –                                                     | –                                                     | 52.86                                                 | –         |
|  | 7.8 / 6.9     | 8.4 / 5.9 | 4.2 / 2.4 | 4.5 / 3.3     | 4.4 / 2.1 | 2.7 / 1.3<br>(DPAS-2600)<br>5.0 / 6.0<br>(PAS-2620ES) | 3.5 / 1.8<br>(DPAS-2600)<br>2.6 / 4.3<br>(PAS-2620ES) | 2.5 / 1.3<br>(DPAS-2600)<br>4.7 / 4.6<br>(PAS-2620ES) | 3.3 / 1.3<br>(DPAS-2600)<br>2.7 / 5.2<br>(PAS-2620ES) | –         |
|  | 95.5          | 95.8      | 85.5      | 94.1          | 94.4      | 75.2<br>(DPAS-2600)<br>97.0<br>(PAS-2620ES)           | 79.3<br>(DPAS-2600)<br>95.5<br>(PAS-2620ES)           | 77.3<br>(DPAS-2600)<br>96.7<br>(PAS-2620ES)           | 90.0<br>(DPAS-2600)<br>93.7<br>(PAS-2620ES)           | –         |
|  | 107.9         | 108.4     | 93.4      | 106.5         | 105.2     | 91.5<br>(DPAS-2600)<br>105.6<br>(PAS-2620ES)          | 93.5<br>(DPAS-2600)<br>103.8<br>(PAS-2620ES)          | 90.1<br>(DPAS-2600)<br>105.7<br>(PAS-2620ES)          | 100.3<br>(DPAS-2600)<br>105.4<br>(PAS-2620ES)         | –         |
|  | 5.0           | 5.0       | 1.5       | 3.3           | 1.5       | 1.5 (DPAS-2600)<br>3.8 (PAS-2620ES)                   | 1.5 (DPAS-2600)<br>3.4 (PAS-2620ES)                   | 1.5 (DPAS-2600)<br>4.0 (PAS-2620ES)                   | 1.5 (DPAS-2600)<br>5.0 (PAS-2620ES)                   | –         |
|  | 2.5           | 2.5       | 3.0       | 2.5           | 3.0       | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | –         |
|  | 2.5           | 2.5       | 3.0       | 2.5           | 3.0       | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | 3.0 (DPAS-2600)<br>2.5 (PAS-2620ES)                   | –         |

# HEDGE TRIMMERS

## OVERVIEW

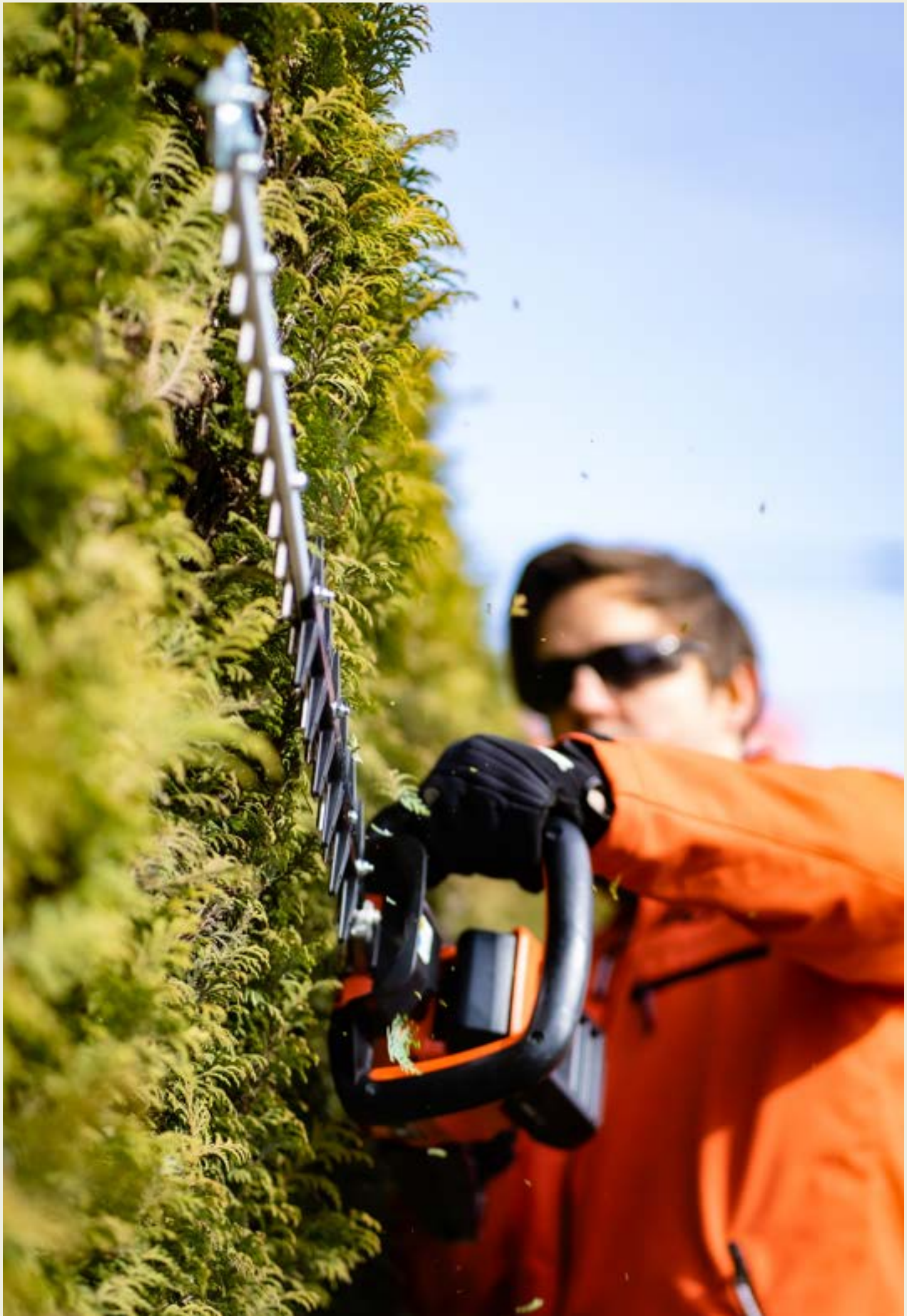
ECHO hedge trimmers are designed to be durable, lightweight and well balanced. With lightweight gear cases, long-lasting blades and vibration-reducing engine mounts, you get professional performance with maximum comfort. At ECHO we focus on maximizing comfort and performance, gradually adjusting every aspect for the best possible experience. By raising our hedge trimmer handles by 5 degrees, we found the optimal position, reducing hand contact with hedges and giving unhindered maneuverability while you work. We pride ourselves on the careful dedication to small details that make your work more comfortable and efficient.



**DHC-2200R / DHC-2800R**



5 year consumer / 2 year commercial warranties not available in all countries. Please check with your local dealer for details.



# HEDGE TRIMMERS **DOUBLE-SIDED**



## DHC-310

Rated voltage: 36.0V // Dry weight\*1: 2.65kg //  
Cutting length: 604mm



NEW

## DHC-2200R

Rated voltage: 50.4V // Dry weight\*1: 2.9kg //  
Cutting length: 562mm



NEW

## DHC-2800R

Rated voltage: 50.4V // Dry weight\*1: 3.1kg //  
Cutting length: 714mm



## HC-2020

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*2: 4.5kg // Cutting length: 534mm

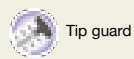
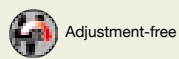
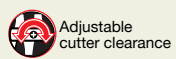
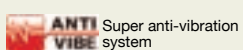


## HC-2020R

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*2: 4.6kg // Cutting length: 534mm



**Accessories on page 93**  
**Batteries & Chargers on page 11, 15**



### HC-2320

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*<sup>2</sup>: 4.6kg // Cutting length: 639mm



### HCR-165ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*<sup>2</sup>: 5.1kg // Cutting length: 639mm



### HCR-185ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*<sup>2</sup>: 5.3kg // Cutting length: 744mm



### HC-2810ESR

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*<sup>2</sup>: 5.2kg // Cutting length: 624mm



# HEDGE TRIMMERS **SINGLE-SIDED**



NEW

**DHCS-2800**

Rated voltage: 50.4V // Dry weight\*1: 2.9kg //  
Cutting length: 714mm



**HCS-2810ES**

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*2: 4.7kg // Cutting length: 589mm



**HCS-3210ES**

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*2: 4.8kg // Cutting length: 729mm



**HCS-3810ES**

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Dry weight\*2: 4.9kg // Cutting length: 834mm





Model certified  
for CE



ES-Start



Heavy duty  
air filter



Adjustable  
cutter clearance



Adjustment-free



Tip guard

# HEDGE TRIMMERS **SHAFTED**



## **SHORT REACH** **HCAS-236ES-LW**

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>2</sup>: 5.9kg // Cutting length: 519mm // Overall length: 1749mm



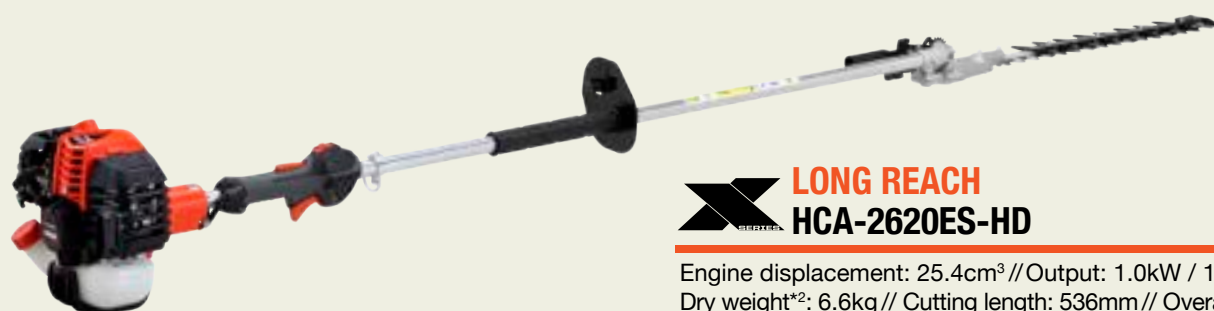
## **SHORT REACH** **HCAS-2620ES-HD**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*<sup>2</sup>: 6.3kg // Cutting length: 536mm // Overall length: 1784mm



## **LONG REACH** **HCA-236ES-LW**

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>2</sup>: 6.2kg // Cutting length: 519mm // Overall length: 2407mm



## **LONG REACH** **HCA-2620ES-HD**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*<sup>2</sup>: 6.6kg // Cutting length: 536mm // Overall length: 2440mm



**Accessories on page 93**

**Batteries & Chargers on page 15**

\*1: Unit with specified cutting attachment, without battery.  
\*2: Unit with specified cutting attachment, without fuel.

# SPECIFICATIONS

## HEDGE TRIMMERS

|                                                     | DOUBLE-SIDED HEDGE TRIMMERS |            |            |            |            |  |
|-----------------------------------------------------|-----------------------------|------------|------------|------------|------------|--|
|                                                     | HC-2020R                    | HC-2020    | HC-2320    | HCR-165ES  | HCR-185ES  |  |
| Configuration                                       | EU                          | EU         | EU         | EU, TUR    | EU, TUR    |  |
| Engine displacement (cm³)                           | 21.2                        | 21.2       | 21.2       | 21.2       | 21.2       |  |
| Output (kW / ps)                                    | 0.6 / 0.8                   | 0.6 / 0.8  | 0.6 / 0.8  | 0.6 / 0.8  | 0.6 / 0.8  |  |
| Dry weight*1 (kg)                                   | 4.6                         | 4.5        | 4.6        | 5.1        | 5.3        |  |
| Fuel tank capacity (mL)                             | 390                         | 390        | 390        | 390        | 390        |  |
| Fuel consumption at maximum engine power (L/h)      | 0.44                        | 0.44       | 0.44       | 0.40       | 0.40       |  |
| Start assist system                                 | -                           | -          | -          | ES-Start   | ES-Start   |  |
| Rotating handle                                     | O                           | -          | -          | O          | O          |  |
| Anti-vibration system                               | -                           | -          | -          | O          | O          |  |
| Cutter type                                         | Double                      | Double     | Double     | Double     | Double     |  |
| Cutting length (mm)                                 | 534                         | 534        | 639        | 639        | 744        |  |
| Cutter pitch (mm)                                   | 35                          | 35         | 35         | 35         | 35         |  |
| Cutter clearance                                    | Adjustable                  | Adjustable | Adjustable | Adjustable | Adjustable |  |
| Stroke rate (cuts/min)                              | 3,600                       | 3,600      | 3,600      | 3,600      | 3,600      |  |
| Vibration levels Front handle /Rear handle (m/s²)*2 | 6.7 / 6.8                   | 6.4 / 9.7  | 8.7 / 10.2 | 3.6 / 4.8  | 3.9 / 4.8  |  |
| Sound pressure level (dB(A))*3                      | 94.9                        | 95.2       | 94.7       | 96.7       | 96.2       |  |
| Sound power level (dB(A))*4                         | 107.1                       | 107.4      | 107.6      | 106.5      | 106.4      |  |

|                                                     | SHAFTED HEDGE TRIMMERS |                 |              |                 |
|-----------------------------------------------------|------------------------|-----------------|--------------|-----------------|
|                                                     | HCAS-236ES-LW          | HCAS-2620ES-HD  | HCA-236ES-LW | HCA-2620ES-HD   |
| Configuration                                       | EU                     | EU              | EU           | EU              |
| Engine displacement (cm³)                           | 21.2                   | 25.4            | 21.2         | 25.4            |
| Output (kW / ps)                                    | 0.7 / 1.0              | 1.0 / 1.4       | 0.7 / 1.0    | 1.0 / 1.4       |
| Dry weight*1 (kg)                                   | 5.9                    | 6.3             | 6.2          | 6.6             |
| Overall length (mm)                                 | 1749                   | 1784            | 2407         | 2440            |
| Fuel tank capacity (mL)                             | 440                    | 600             | 440          | 600             |
| Fuel consumption at maximum engine power (L/h)      | 0.45                   | 0.61            | 0.45         | 0.61            |
| Start assist system                                 | ES-Start               | ES-Start        | ES-Start     | ES-Start        |
| Rotating handle                                     | -                      | -               | -            | -               |
| Anti-vibration system                               | -                      | -               | -            | -               |
| Cutter type                                         | Double                 | Double          | Double       | Double          |
| Cutting length (mm)                                 | 519                    | 536             | 519          | 536             |
| Cutter pitch (mm)                                   | 30                     | 35              | 30           | 35              |
| Cutter clearance                                    | Adjustable             | Adjustment-free | Adjustable   | Adjustment-free |
| Stroke rate ( cuts/min)                             | 3,900                  | 5,000           | 3,900        | 5,000           |
| Vibration levels Front handle /Rear handle (m/s²)*2 | 4.5 / 7.3              | 8.1 / 9.4       | 4.1 / 3.7    | 7.6 / 7.2       |
| Sound pressure level (dB(A))*3                      | 88.0                   | 96.5            | 87.7         | 96.1            |
| Sound power level (dB(A))*4                         | 104.4                  | 110.3           | 104.8        | 108.4           |

\*1: Unit with specified cutting attachment, empty tank.

\*2: Measured in accordance with ISO 22867. Uncertainty(K)=5.0m/s²

\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>pa</sub>)=2.5dB(A)

\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>wa</sub>)=2.5dB(A)

|  | SINGLE-SIDED HEDGE TRIMMERS |                 |                 |                 |
|--|-----------------------------|-----------------|-----------------|-----------------|
|  | HC-2810ESR                  | HCS-2810ES      | HCS-3210ES      | HCS-3810ES      |
|  | EU                          | EU              | EU              | EU              |
|  | 21.2                        | 21.2            | 21.2            | 21.2            |
|  | 0.6 / 0.8                   | 0.6 / 0.8       | 0.6 / 0.8       | 0.6 / 0.8       |
|  | 5.2                         | 4.7             | 4.8             | 4.9             |
|  | 390                         | 390             | 390             | 390             |
|  | 0.40                        | 0.40            | 0.40            | 0.40            |
|  | ES-Start                    | ES-Start        | ES-Start        | ES-Start        |
|  | ○                           | -               | -               | -               |
|  | ○                           | -               | -               | -               |
|  | Double                      | Single          | Single          | Single          |
|  | 624                         | 589             | 729             | 834             |
|  | 35                          | 35              | 35              | 35              |
|  | Adjustment-free             | Adjustment-free | Adjustment-free | Adjustment-free |
|  | 4,700                       | 4,700           | 4,700           | 4,700           |
|  | 5.9 / 4.8                   | 8.7 / 5.1       | 9.0 / 6.7       | 6.0 / 5.3       |
|  | 96.8                        | 94.9            | 94.6            | 94.9            |
|  | 104.5                       | 105.2           | 105.2           | 105.0           |

## HEDGE TRIMMER ACCESSORIES

These protectors prevent the blades from contact with buildings, fences or the ground without interfering with blade performance.



### TIP GUARD KIT

Fits HCR-165ES, HCR-185ES  
HC-2020, HC-2020R, HC-2320  
Part# P021-049520



### CUTTER ASSEMBLY KIT

Fits HCA-265ES-HD, HCA-2620ES-HD  
and MTA-AH-HD  
Item#28350250



Y50001

### BENEFITS OF Y50001:

Extend the life of your shafted hedge trimmer.  
Save money doing installation yourself.  
Save time with everything you need in one convenient package.  
Genuine ECHO replacement parts deliver high-performance results.

# BLOWERS

## OVERVIEW

ECHO developed the first backpack blower, the first handheld blower and the first “quiet” blower. Dedicated to enhancing performance and comfort, our Anti Vibe technology minimises vibration and sway, drastically reducing operator fatigue and making our blowers a breeze to use. So, if you’re looking for an industry leading blower, ECHO has the product for you.



**TWYND™**

Draws air from both sides, for more power and balance.

### BOOST FUNCTION

Provides a burst of extreme power.



**POSI-LOCK**

**CRUISE CONTROL**

**EZ-LOCK SYSTEM**



**METAL WEAR RING**



**UNEQUAL PITCH FAN**  
Reduces fan noise.

### SECONDARY HANDLE

Improves maneuverability and comfort.



### SYMMETRICAL, COMPACT DESIGN

Balance, maneuverability and accuracy.



**DPB-2600**

5 year consumer / 2 year commercial warranties not available in all countries. Please check with your local dealer for details.



# BLOWERS **HANDHELD**



## DPB-310

Rated voltage: 36.0V // Dry weight\*1: 2.2kg



## **X** DPB-2600

Rated voltage: 50.4V // Dry weight\*1: 2.5kg //  
Blowing air force: (STD)12.8N, (Boost)16.7N //  
Air volume\*6: (STD)697m³/h, (Boost)798m³/h //  
Max. air speed: (STD)69.7m/sec, (Boost)79.5m/sec



## PB-2520

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //  
Dry weight\*2: 3.9kg // Blowing air force\*3\*5: 15.8N //  
Air volume\*3\*5: 768m³/h // Max. air speed\*3\*5: 76.2m/sec



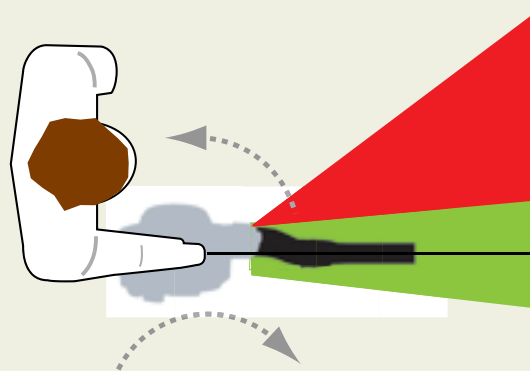
## **X** PB-2620

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //  
Dry weight\*2: 4.4kg // Blowing air force\*3\*5: 15.8N //  
Air volume\*3\*5: 774m³/h // Max. air speed\*3\*5: 76.7m/sec



## PB-255ES

Engine displacement: 25.4cm³ // Output: 0.8kW / 1.1ps //  
Dry weight\*2: 4.8kg // Blowing air force\*3\*5: 13.0N  
Air volume\*3\*5: 600m³/h // Max. air speed\*3\*5: 85.3m/sec



## ROTATIONAL CONTROL

ECHO reduces the effort required to keep the blower from rotating in towards the operator's legs (like most handheld models do) and actually delivers a slight pull away from the operator (green section). The effect makes the blower easier to handle and reduces stress on the operator's arm.

**Accessories on page 100**  
**Batteries & Chargers on page 11, 15**

\*1: Unit with blower pipes, without battery.

\*2: Unit with blower or vacuum pipes (standardised nozzle type A), empty fuel tank.

\*3: Unit with blower pipes (standardised nozzle type A).

\*4: Unit with blower pipes (standardised nozzle type B).

\*5: Measured in accordance with ANSI/OPEI B175.2.

\*6: At actual usage point (measured with blower pipes)



Model certified  
for CE



ES-Start



Heavy duty  
air filter



Posi-loc  
pipe system



EZ-Lock  
system



Rotational  
control



TWYND

# SHRED 'N' VAC®



## ES-250ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*2: 5.7kg // Blowing air force\*4\*5: 12.0N //  
Air volume\*4\*5: 576m<sup>3</sup>/h // Max. air speed\*4\*5: 81.7m/sec



## ES-255ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.8kW / 1.1ps //  
Dry weight\*2: 5.8kg // Blowing air force\*4\*5: 12.7N //  
Air volume\*4\*5: 600m<sup>3</sup>/h // Max. air speed\*4\*5: 84.9m/sec



# BLOWERS BACKPACK



**PB-265ESLT**

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>1</sup>: 6.0kg // Blowing air force\*<sup>2\*4</sup>: 10.9N //  
Air volume\*<sup>2\*4</sup>: 618m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 68.7m/sec



**PB-580**

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.1kW / 2.9ps //  
Dry weight\*<sup>1</sup>: 10.3kg // Blowing air force\*<sup>2\*4</sup>: 22.0N //  
Air volume\*<sup>2\*4</sup>: 882m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 96.4m/sec



## SPECIFICATIONS

### POWER BLOWERS / SHRED 'N' VAC®

|                                                                                                                  |   | HANDHELD BLOWERS   |                    |                    | SHRED 'N' VAC®     |  |
|------------------------------------------------------------------------------------------------------------------|---|--------------------|--------------------|--------------------|--------------------|--|
|                                                                                                                  |   | PB-2520            | PB-2620            | PB-255ES           | ES-250ES           |  |
| Configuration                                                                                                    |   | EU, AUS            | EU                 | EU                 | EU, AUS            |  |
| Engine displacement (cm <sup>3</sup> )                                                                           |   | 25.4               | 25.4               | 25.4               | 25.4               |  |
| Maximum engine power (kW / ps)                                                                                   |   | 0.9 / 1.2          | 0.9 / 1.2          | 0.8 / 1.1          | 0.7 / 1.0          |  |
| Dry weight (kg)* <sup>1</sup>                                                                                    |   | 3.9                | 4.4                | 4.8                | 5.7                |  |
| Fuel tank capacity (mL)                                                                                          |   | 550                | 600                | 470                | 500                |  |
| Fuel consumption at maximum engine power (L/h)                                                                   |   | 0.52               | 0.55               | 0.57               | 0.52               |  |
| Blowing air force (N)* <sup>4</sup>                                                                              |   | 15.8* <sup>2</sup> | 15.8* <sup>2</sup> | 13.0* <sup>2</sup> | 12.0* <sup>3</sup> |  |
| Air volume (m <sup>3</sup> /h)* <sup>4</sup>                                                                     |   | 768* <sup>2</sup>  | 774* <sup>2</sup>  | 600* <sup>2</sup>  | 576* <sup>3</sup>  |  |
| Max. air speed (m/sec)* <sup>4</sup>                                                                             |   | 76.2* <sup>2</sup> | 76.7* <sup>2</sup> | 85.3* <sup>2</sup> | 81.7* <sup>3</sup> |  |
| Start assist system                                                                                              |   | -                  | -                  | ES-Start           | ES-Start           |  |
| Throttle setting device                                                                                          |   | O                  | O                  | O                  | O                  |  |
| Standardised nozzle type                                                                                         | A | Round straight     | Round straight     | Flat straight      | Vacuum             |  |
|                                                                                                                  | B | -                  | Flat straight      | -                  | Flat straight      |  |
| Vacuum kit                                                                                                       |   | -                  | -                  | Optional           | -                  |  |
| Vibration levels (m/s <sup>2</sup> )* <sup>5</sup><br>(Nozzle typeA / Nozzle typeB / Nozzle typeA : Rear handle) |   | 9.9 / - / -        | 6.6 / 7.1 / -      | 8.1 / - / -        | 8.3 / 9.0 / 5.0    |  |
| Sound pressure levels (dB(A))* <sup>6</sup><br>(Nozzle type A / Nozzle type B)                                   |   | 94.9 / -           | 93.5 / 93.4        | 87.3 / -           | 93.3 / 89.0        |  |
| Sound power levels (dB(A))* <sup>6</sup><br>(Nozzle type A / Nozzle type B)                                      |   | 105.8 / -          | 104.9 / 104.6      | 102.1 / -          | 106.6 / 104.0      |  |

\*1: Unit with blower or vacuum pipes (standardised nozzle type A), empty fuel tank.

\*2: Unit with blower pipes (standardised nozzle type A).

\*3: Unit with blower pipes (standardised nozzle type B).

\*4: Measured in accordance with ANSI/OPEI B175.2.

\*5: Measured in accordance with EN15503. Uncertainty(K)=5.0m/s<sup>2</sup> (Handheld), 4.1m/s<sup>2</sup> (Vacuum), 1.7m/s<sup>2</sup> (Backpack)

\*6: Measured in accordance with EN15503. Uncertainty(K<sub>pa</sub>, K<sub>wa</sub>)=2.5dB(A)



## PB-770

Engine displacement: 63.3cm<sup>3</sup> // Output: 3.1kW / 4.2ps //  
 Dry weight\*<sup>1</sup>: 11.3kg // Blowing air force\*<sup>2\*4</sup>: 33.2N //  
 Air volume\*<sup>2\*4</sup>: 1284m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 104.6m/sec



## PB-8010

Engine displacement: 79.9cm<sup>3</sup> // Output: 4.2kW / 5.7ps //  
 Dry weight\*<sup>1</sup>: 12.0kg // Blowing air force\*<sup>2\*4</sup>: 44.4N //  
 Air volume\*<sup>2\*4</sup>: 1819m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 94.5m/sec



|  | SHRED 'N' VAC®     | BACKPACK BLOWERS   |                    |                     |                    |
|--|--------------------|--------------------|--------------------|---------------------|--------------------|
|  | ES-255ES           | PB-265ESLT         | PB-580             | PB-770              | PB-8010            |
|  | EU                 | EU                 | EU                 | EU                  | EU                 |
|  | 25.4               | 25.4               | 58.2               | 63.3                | 79.9               |
|  | 0.8 / 1.1          | 0.7 / 1.0          | 2.1 / 2.9          | 3.1 / 4.2           | 4.2 / 5.7          |
|  | 5.8                | 6.0                | 10.3               | 11.3                | 12.0               |
|  | 470                | 660                | 1840               | 2020                | 2560               |
|  | 0.57               | 0.54               | 1.03               | 1.87                | 2.18               |
|  | 12.7* <sup>3</sup> | 10.9* <sup>2</sup> | 22.0* <sup>2</sup> | 33.2* <sup>2</sup>  | 44.4* <sup>2</sup> |
|  | 600* <sup>3</sup>  | 618* <sup>2</sup>  | 882* <sup>2</sup>  | 1284* <sup>2</sup>  | 1819* <sup>2</sup> |
|  | 84.9* <sup>3</sup> | 68.7* <sup>2</sup> | 96.4* <sup>2</sup> | 104.6* <sup>2</sup> | 94.5* <sup>2</sup> |
|  | ES-Start           | ES-Start           | -                  | -                   | -                  |
|  | ○                  | ○                  | ○                  | ○                   | ○                  |
|  | Vacuum             | Round bent         | Round straight     | Round straight      | Round straight     |
|  | Flat straight      | -                  | Round bent         | Round bent          | -                  |
|  | ○                  | -                  | -                  | -                   | -                  |
|  | 5.1 / 8.1 / 10.0   | 1.3 / - / -        | 2.0 / 3.1 / -      | 2.8 / 1.9 / -       | 2.4 / - / -        |
|  | 88.8 / 87.3        | 90.4 / -           | 94.8 / 96.3        | 98.8 / 98.2         | 106.6 / -          |
|  | 102.6 / 102.1      | 99.5 / -           | 105.3 / 104.9      | 108.8 / 108.6       | 114.3 / -          |

# BLOWERS ACCESSORIES

These protectors prevent the blades from contact with buildings, fences or the ground without interfering with blade performance.



## PBAV-255

Kit: Item# C1042203

Replacement bag: Part# X692-000190



## SHOULDER STRAP

### 99944100030

Item# C9500141



## RAIN GUTTER KIT

Item# 99944100026





## MIST NOZZLE CONVERSION KIT

Item# PBMNKIT1



Chemical tank not included



## HIP BELT

Part# P021-051530



## HIP BELT

Part# C644-000240



## BACK STRAP

Part# C651-000140

# BLOWER ACCESSORY FIT UP CHART

Standard: ● Option: ◇

| Model            | Vacuum attachment | Rain gutter kit | Mist nozzle conversion kit | Shoulder strap | Hip Belt    |             | Back strap  |
|------------------|-------------------|-----------------|----------------------------|----------------|-------------|-------------|-------------|
|                  | PBAV-255          | 99944100026     | PBMNKIT1                   | C9500141       | P021-051530 | C644-000240 | C651-000140 |
| DPB-2600         |                   | ◇               | ◇                          | ◇              |             |             |             |
| PB-2520/ PB-2620 |                   | ◇               | ◇                          | ◇              |             |             |             |
| PB-255ES         | ◇                 | ◇               | ◇                          |                |             |             |             |
| PB-265ESLT       |                   | ◇               | ◇                          |                |             |             |             |
| PB-580           |                   | ◇               | ◇                          |                | ◇           |             |             |
| PB-770           |                   |                 |                            |                |             | ●           | ●           |
| PB-8010          |                   |                 |                            |                |             | ●           |             |
| ES-250ES         |                   | ◇               | ◇                          |                |             |             |             |

# MIST BLOWERS

## OVERVIEW

ECHO professional mist blowers feature powerful 2-stroke engines, large capacity tanks and robust construction for heavy duty work. Features like chemical tank filters, adjustable nozzles and special fan and housing designs help you get your job done.



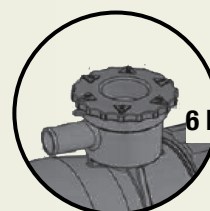
### DM-6120

#### TRANSPARENT CHEMICAL TANK

Allows you to control consumption.

#### ADJUSTABLE NOZZLE

Variety of discharge volumes.



#### NEWLY DESIGNED TANK FILTER

Prevents water splashing while pouring into the tank.



#### 58.2 cm<sup>3</sup> PROFESSIONAL GRADE 2- STROKE ENGINE

Ensures excellent performance.

#### TRANSLUCENT FUEL TANK

Helps to determine the time of refueling.

#### THE SPECIAL FAN AND HOUSING DESIGN

Provides better flow of chemicals.





### **DUSTER / MIST BLOWER** **DM-6120**

Dust attachment option

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.8kW / 3.8ps //  
 Dry weight\*: 12.6kg //  
 Chemical tank capacity: 23.0L



\*1: Unit with blower pipes and empty tanks.



### **DUSTER / MIST BLOWER**

#### **MB-5810-12 / MB-5810-20**

Dust attachment option

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.5kW / 3.4ps //  
 Dry weight\*: 12.7kg(12L), 13.1kg(20L) //  
 Chemical tank capacity: 12.0L / 20.0L



# FERTILIZER SPREADERS

## OVERVIEW

ECHO has both petrol engine driven and manual spreaders. The professional 2-stroke ECHO engine ensures powerful performance on farms and rice fields. Features include transparent chemical tanks, throttle control levers and power and granule volume control levers for productive and precise work.



**DMC-800**

**LARGE PROJECTIONS**  
For easier lid turning.

**TRANSPARENT CHEMICAL TANK**  
Allows you to control consumption.

**POWDER AND GRANULE VOLUME CONTROL LEVER**  
Easy access and control powder and granule volume.

**THROTTLE CONTROL LEVER**  
Easily controls engine rpm.

**DECOMPRESSION VALVE**  
Reduces recoiling force for easy and quick engine start.

**58.2 cm<sup>3</sup> PROFESSIONAL GRADE  
2- STROKE ENGINE**  
Ensures excellent performance.





Heavy duty air filter



### **FERTILIZER SPREADER** **DMC-800-30**

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.9kW / 3.9ps //  
Dry weight\*<sup>1</sup>: 13.0kg //  
Chemical tank capacity: 30.0L



### **FERTILIZER SPREADER** **DMC-801-45**

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.9kW / 3.9ps //  
Dry weight\*<sup>1</sup>: 13.5kg //  
Chemical tank capacity: 45.0L



\*1: Unit with blower pipe and empty tank.



Accessories on page 108

# POWER SPRAYERS

## OVERVIEW

ECHO power sprayers are designed for day in day out professional use. They combine the power and features needed to breeze through jobs. With professional 2-stroke engines and powerful pumps, they provide superior and controlled spraying for care of trees, vegetables and fruit.



**SHP-8250**



### NEW ROBUST AND HIGHLY DURABLE CLUTCH AND HOUSING



### NEW ROBUST FRAME



### RELIABLE DIAPHRAGM CARBURETTOR

**25.4 cm<sup>3</sup> PROFESSIONAL GRADE  
2 STROKE ENGINE**  
Ensures excellent performance.

### LARGE CAPACITY 25L CHEMICAL TANK

### DOUBLE ACTING PUMP FEATURE WITH AIR CHAMBER

For stable and controlled spraying with powerfull discharge and high pressure.

### VIBRATION REDUCTION

Durable springs massively reduce vibration.





**SHP-800**  
**SHP-800S** 

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Dry weight\*1: 9.0kg(SHP-800), 9.4kg(SHP-800S) //  
Chemical tank capacity: 25L



**SHP-800BS** 

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Dry weight\*1: 9.5kg // Chemical tank capacity: 25L



**SHP-800-2**

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Dry weight\*1: 9.0kg // Chemical tank capacity: 25L



**SHP-8250**

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.79kW / 1.07ps //  
Dry weight\*1: 9.1kg // Chemical tank capacity: 25L

\*1: Unit Without spraying hose and nozzle.

# SPECIFICATIONS

## POWER SPRAYERS

|                                                |                              | POWER SPRAYERS |             |             |             |             |
|------------------------------------------------|------------------------------|----------------|-------------|-------------|-------------|-------------|
|                                                |                              | SHP-800        | SHP-800S    | SHP-800BS   | SHP-800-2   | SHP-8250    |
| Configuration                                  |                              | BASIC          | BASIC       | BASIC       | BASIC       | BASIC       |
| Engine displacement (cm³)                      |                              | 22.8           | 22.8        | 22.8        | 22.8        | 25.4        |
| Output (kW / ps)                               |                              | 0.74 / 1.01    | 0.74 / 1.01 | 0.74 / 1.01 | 0.74 / 1.01 | 0.79 / 1.07 |
| Dry weight (kg)*1                              |                              | 9.0            | 9.4         | 9.5         | 9.0         | 9.1         |
| Fuel tank capacity (mL)                        |                              | 750            | 750         | 750         | 750         | 460         |
| Fuel consumption at maximum engine power (L/h) |                              | 0.71           | 0.71        | 0.71        | 0.71        | -           |
| Chemical tank capacity                         | Nominal volume (L)           | 25             | 25          | 25          | 25          | 25          |
|                                                | All capacity (L)             | -              | -           | -           | -           | -           |
| Start assist system                            |                              | -              | i-start     | i-start     | -           | -           |
| Carburettor                                    |                              | Circulation    | Circulation | Circulation | Circulation | Diaphragm   |
| Pump                                           | Type                         | Piston         | Piston      | Piston      | Piston      | Piston      |
|                                                | Maximum pressure (kgf / cm²) | 25.0           | 25.0        | 25.0        | 25.0        | 30.0        |
|                                                | Discharge volume (L / min)   | 5.8            | 5.8         | 5.8         | 5.8         | 6.4         |

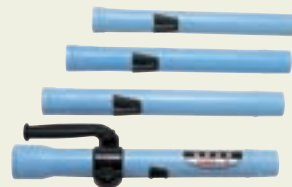
\*1: Unit without spraying hose and nozzle.

## DUSTER MIST BLOWER ACCESSORIES



### DUSTING ATTACHMENT MBAD-5810

Fits MB-5810  
Item# 36073200



### FERTILIZER NOZZLE DMK-2

Fits DMC-800-30, DMC-801-45  
Part# P021-003473



### DUSTING ATTACHMENT DMAD-6120

Fits DM-6120  
Item# 36060880



## DUSTERS / MIST BLOWERS FERTILIZER SPREADERS

|                                                    | DUSTERS / MIST BLOWERS |                    |           | FERTILIZER SPREADERS |            |
|----------------------------------------------------|------------------------|--------------------|-----------|----------------------|------------|
|                                                    | MB-5810-12             | MB-5810-20         | DM-6120   | DMC-800-30           | DMC-801-45 |
| Configuration                                      | EU                     |                    | STD       | STD                  | STD        |
| Engine displacement (cm <sup>3</sup> )             | 58.2                   | 58.2               | 58.2      | 58.2                 | 58.2       |
| Maximum engine power (kW / ps)                     | 2.5 / 3.4              | 2.5 / 3.4          | 2.8 / 3.8 | 2.9 / 3.9            | 2.9 / 3.9  |
| Dry weight (kg) <sup>*2</sup>                      | 12.7                   | 13.1               | 12.6      | 13.0                 | 13.5       |
| Fuel tank capacity (L)                             | 1.97                   | 1.97               | 1.83      | 1.70                 | 1.70       |
| Fuel consumption at maximum engine power (L/h)     | 1.56                   | 1.56               | 2.05      | 2.11                 | 2.11       |
| Chemical tank capacity (L)                         | 12                     | 20                 | 23        | 30                   | 45         |
| Average air volume (m <sup>3</sup> /h)             | 667                    | 667                | 738       | 720                  | 720        |
| Misting maximum discharge (L / min)                | 5.2                    | 5.2                | 6.1       | -                    | -          |
| Fertilizer maximum discharge (kg / min)            | 18.0 <sup>*3</sup>     | 18.0 <sup>*3</sup> | -         | 23.2                 | 23.2       |
| Vibration levels (m/s <sup>2</sup> ) <sup>*4</sup> | 1.8                    | 1.8                | -         | -                    | -          |
| Sound pressure levels (dB(A)) <sup>*5</sup>        | 105.5                  | 105.5              | -         | -                    | -          |
| Sound power levels (dB(A)) <sup>*5</sup>           | 112.9                  | 112.9              | -         | -                    | -          |

\*2: Unit with blower pipes and empty tanks.

\*3: Using the dusting attachment "MBAD-5810".

\*4: Measured in accordance with ISO22867. Uncertainty(K)=1.7m/s<sup>2</sup>

\*5: Measured in accordance with ISO22868. Uncertainty(K<sub>pa</sub>, K<sub>wa</sub>)=2.5dB(A)

# GAS POWERED SPRAYER ACCESSORIES

A wide variety of accessories are available, from wands to nozzles, to increase the convenience of your power sprayer.



## 2-HEAD T NOZZLE

Part# 706170-37961



## ADJUSTABLE NOZZLE

Part# 224103-10610



## 4-HEAD RING NOZZLE

Part# 224101-10610



## 2-HEAD FAN-SHAPED NOZZLE

Part# 706170-38721



## ADJUSTABLE JET NOZZLE

Part# E025-000260



## PISTOL GRIP

Part# P050-000032



## 7-HEAD LINE TYPE NOZZLE

Part# 224104-10611



## 20 M HOSE

Part# E260-000140



# ENGINE CUTTERS



## ENGINE CUTTER

**CSG-7410ES**  
**CSG-7410ES/12**

Cutting blade not included

Engine displacement: 73.5cm<sup>3</sup> // Output: 3.2kW / 4.4ps //  
Dry weight\*<sup>1</sup>: 10.3kg(14inch), 9.9kg(12inch) //  
Applicable blade diameter: 350mm(14inch), 305mm(12inch)



## CART WATER KIT

**CWT-7410**

Engine cutter CSG-7410 and blade not included.

Weight\*<sup>2</sup>: 29.5kg // Water tank capacity 10L //  
Maximum cutting depth: 120mm



# ENGINE DRILLS



## ENGINE DRILLS

**EDR-260**

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.85kW / 1.16ps //  
Dry weight\*<sup>3</sup>: 5.2kg //  
Gear reduction: 17.1(Regular), 19.0(Reverse) //  
Chuck diameter: 1/2 inch (Standard)

\*1: Unit without cutting wheel and with empty tank.

\*2: Without engine cutter and with empty water tank.

\*3: Unit without specified drill bit and with empty tank.

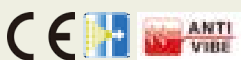


# FRUIT SHAKER



## FRUIT SHAKER OH-5210

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps //  
Dry weight\*<sup>4</sup>: 15.7kg



\*4: Unit with harvest attachment.



# SPREADERS



## SPREADERS RB-60

Dry weight: 10.4kg // Hopper height 26.7cm //  
Hopper length: 81.3cm // Hopper capacity: 27.2Kg //  
Tires: 10inch



# SPECIFICATIONS

## ENGINE CUTTERS

|                                                | ENGINE CUTTERS   |                  |
|------------------------------------------------|------------------|------------------|
|                                                | CSG-7410ES       | CSG-7410ES/12    |
| Configuration                                  | EU               | EU               |
| Engine displacement (cm³)                      | 73.5             | 73.5             |
| Output (kW / ps)                               | 3.2 / 4.4        | 3.2 / 4.4        |
| Dry weight (kg)*1                              | 10.3             | 9.9              |
| Fuel tank capacity (mL)                        | 700              | 700              |
| Fuel consumption at maximum engine power (L/h) | 2.1              | 2.1              |
| Ignition system                                | CDI              | CDI              |
| Start-assist system                            | ES-Start, Decomp | ES-Start, Decomp |
| Applicable blade diameter (mm / inch)          | 350 / 14         | 305 / 12         |
| Installable size of blade inner diameter (mm)  | 20               | 20               |
| Vibration Front handle / Rear handle (m/s²)*5  | 6.1 / 4.8        | 5.0 / 5.1        |
| Sound pressure level (dB(A))*6                 | 100.3            | 98.7             |
| Sound power level (dB(A))*7                    | 111.2            | 109.2            |

## ENGINE DRILLS

|                                                | ENGINE DRILLS                    |
|------------------------------------------------|----------------------------------|
|                                                | EDR-260                          |
| Configuration                                  | BASIC                            |
| Engine displacement (cm³)                      | 25.4                             |
| Output (kW / ps)                               | 0.9 / 1.2                        |
| Dry weight (kg)*3                              | 5.2                              |
| Fuel tank capacity (mL)                        | 580                              |
| Fuel consumption at maximum engine power (L/h) | 0.62                             |
| Gear reduction ratio                           | 17.1 (Regular)<br>19.0 (Reverse) |
| Throttle setting device                        | ○                                |
| Chuck type                                     | Keyed chuck                      |
| Reversible function                            | ○                                |

\*1: Unit Without cutting wheel and with empty tank.

\*2: Without Engine cutter and with empty Water tank.

\*3: Unit without specified drill bit and with empty tank.

\*4: Unit with harvest attachment.

\*5: Measured in accordance with ISO 19432-1: 2020. Uncertainty(K)=1.1m/s²

\*6: Measured in accordance with ISO 19432-1: 2020. Uncertainty(K<sub>pa</sub>)=2.7dB(A)(CSG-7410ES), 1.1dB(A)(CSG-7410ES/12)

\*7: Measured in accordance with ISO 19432-1: 2020. Uncertainty(K<sub>wa</sub>)=2.0dB(A)(CSG-7410ES), 1.3dB(A)(CSG-7410ES/12)

\*8: Measured in accordance with EN ISO 5349-2:2001 and EN ISO 5349-2/A1:2015.

Uncertainty(K)=+3.34(Control handle), +4.03(Left handle) m/s²

\*9: Measured in accordance with EN ISO 11201:2010. Uncertainty(K<sub>pa</sub>)=1.5dB(A)

\*10: Measured in accordance with EN ISO 3744:2010. Uncertainty(K<sub>wa</sub>)=1.5dB(A)

## CART WATER KIT

|                            | CART WATER KIT |
|----------------------------|----------------|
|                            | CWT-7410       |
| Configuration              | EU             |
| Weight (kg)*2              | 29.5           |
| Water tanks (mL)           | 10000          |
| Length (mm)                | 1162           |
| Width (mm)                 | 442            |
| Height (mm)                | 1069           |
| Maximum cutting depth (mm) | 120            |

## FRUIT SHAKER

|                                                | FRUIT SHAKER  |
|------------------------------------------------|---------------|
|                                                | OH-5210       |
| Configuration                                  | EU            |
| Engine displacement (cm³)                      | 50.2          |
| Output (kW / ps)                               | 2.2 / 2.9     |
| Dry weight (kg)*4                              | 15.7          |
| Fuel tank capacity (mL)                        | 690           |
| Main pipe diameter (mm)                        | 30.0          |
| Gear reduction ratio                           | 1.4           |
| Vibration Control handle / Left handle(m/s²)*8 | 11.13 / 13.44 |
| Sound pressure level (dB(A))*9                 | 98.4          |
| Sound power level (dB(A))*10                   | 110.6         |

## SPREADERS

|                      | SPREADERS           |
|----------------------|---------------------|
|                      | RB-60               |
| Configuration        | EU                  |
| Dry Weight (kg)      | 10.4                |
| Hopper Height (cm)   | 26.7                |
| Hopper Length (cm)   | 81.3                |
| Hopper Capacity (kg) | 27.2                |
| Tires (inch)         | 10                  |
| Frame                | Powder-coated steel |

# ENGINE DRILL ACCESSORIES



## PLANT & BULB AUGER

6.0 x 15 cm L60 :99944900011  
Item # C9500532  
7.5 x 15 cm L60 :99944900021  
Item # C9500533



## HEAVY DUTY AUGER

7.5 x 46cm L60 :99944900061  
Item #C9500534



## GALLON POT AUGER

18 cm gallon pot auger:  
99944900070  
Item #C9500181



## KEYLESS CHUCK

Parts #X460000000

# ECHO YOU CAN MAINTENANCE KIT



BE PROACTIVE. By staying on top of recommended maintenance schedules, you not only prolong the life of your ECHO equipment, but also save time and money by reducing large scale repairs often incurred by not properly maintaining equipment. Our Tune Up Kit features an air filter, fuel filter and spark plug. See below for a full list of compatible products.

Extend the life of your equipment.  
Reduce costly repairs and downtime with routine maintenance.  
Save money doing the installation yourself. You can do it; it's easy!  
Save time get everything you need in one convenient package.  
Genuine ECHO replacement parts deliver high-performance results.



| Maintenance Schedule |                           |                 |                      |        |
|----------------------|---------------------------|-----------------|----------------------|--------|
| Component            | Procedure                 | Before each use | 3 months or 90 hours | Yearly |
| Spark Plug           | Inspect / Clean / Replace |                 | ✓                    |        |
| Air Filter           | Inspect / Clean           | ✓               |                      |        |
|                      | Replace                   |                 | ✓                    |        |
| Fuel strainer        | Inspect / Clean           |                 | ✓                    |        |
|                      | Replace                   |                 |                      | ✓      |





**Y51001**



**Y51002**



**Y51003**



**Y51004**



**Y51005**



**Y51006**



**Y51007**



**Y51008**



**Y51009**



**Y51010**

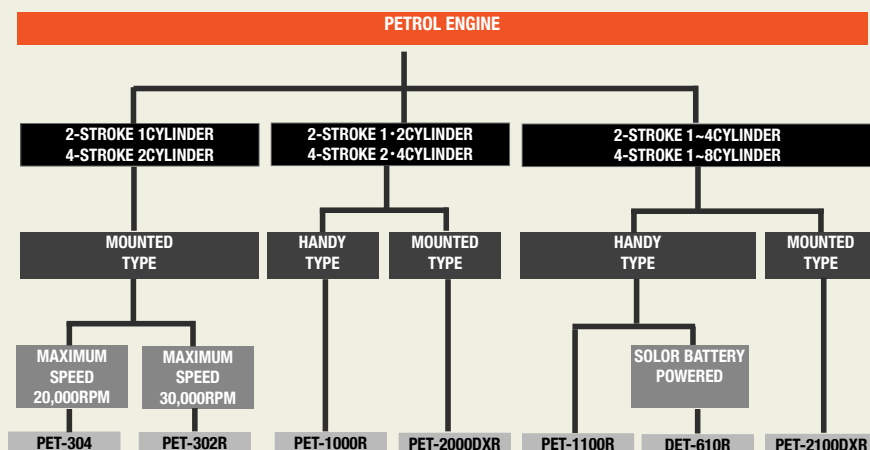


**Y51011**

## TUNE-UP KIT

| Part#         | Compatible models                                                                                                                                                                                                                                      |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Y51001</b> | HCA-2620ES-HD, HCAS-2620ES-HD, PAS-2620ES, PPT-2620ES, PPT-2620HES, SRM-2620ES/L, SRM-2620ES/U, SRM-2620TES/L, SRM-2620TES/U, SRM-3020TES/L, SRM-3020TES/U                                                                                             |
| <b>Y51002</b> | ES-250ES, GT-222ES, HC-1501, HC-156, HC-2020, HC-2020R, HC-2320 HCA-236ES-LW, HCAS-236ES-LW, HCR-1501, HCR-165ES, HCR-185ES, PPF-236ES, PPT-236ES, SRM-222ES/L, SRM-222ES/U, SRM-236/L, SRM-236/U SRM-236ES/L, SRM-236ES/U, SRM-236TES/L, SRM-236TES/U |
| <b>Y51003</b> | CS-2511TES                                                                                                                                                                                                                                             |
| <b>Y51004</b> | CS-2511WES                                                                                                                                                                                                                                             |
| <b>Y51005</b> | CS-352AC, CS-352ES                                                                                                                                                                                                                                     |
| <b>Y51006</b> | CS-310ES                                                                                                                                                                                                                                               |
| <b>Y51007</b> | CS-4510ES, CS-4920                                                                                                                                                                                                                                     |
| <b>Y51008</b> | PB-2520                                                                                                                                                                                                                                                |
| <b>Y51009</b> | PB-770                                                                                                                                                                                                                                                 |
| <b>Y51010</b> | CS-3510ES, CS-3510AC                                                                                                                                                                                                                                   |
| <b>Y51011</b> | CS-4310SX                                                                                                                                                                                                                                              |

# TACHOMETERS / HOUR METERS



## TACHOMETERS



### PET-1000R

Parts No. 897802-33330



### PET-1100R

Parts No. 897802-33531



### DET-610R

Solor-Powered Tachometer  
Parts No. 897802-32031



## TACHOMETER / HOUR METER



### PET-302R

Parts No. 897802-33030



### PET-304

Parts No. G310000050



### PET-2000DXR

Parts No. 897802-33435



### PET-2100DXR

Parts No. 897802-33730



## HOUR METERS



### PET-3000R

Parts No. PET3000R



### PET-3200R

Parts No. PET3200R



### PET-4000

Ignition Checker  
Parts No. 897800-79931



### PET4100B

Ignition Indicator  
Parts No. PET4100B



### PET4100F

Ignition Indicator  
Parts No. PET4100F



# OILS

## 2-STROKE ENGINE OIL **ECHO POWER BLEND GOLD**

Quality engine oil plays a vital role in clean and efficient engine running and provides excellent protection against rust, wear and corrosion. Exclusively blended and tuned for ECHO 2-stroke engines, Power Blend is the best fit for your ECHO machine. The oil exceeds ISO-LEGD and JASO M345/FD requirements and has superior cleaning capabilities. By preventing carbon build up, exhaust gas blockages are minimised, assuring superior protection and smooth operation.



## BAR AND CHAIN OIL

ECHO bar and chain oil provides excellent lubrication and assures smooth performance from the chain resulting in a more efficient and precise cut. ECHO Power Blend Oil and Bar and Chain Oil ensure maximum power and performance of ECHO saws.



## GREASE

ECHO grease is multifunctional and provides long lasting protection in all ECHO gear cases and cables. It is impervious to water washout and will not combine with water. ECHO offers 2 types of greases for efficient service and maintenance.



### EPNOC AP2

Part# X695-000060

General maintenance of moving components. Ideal for trimmer/brushcutter/hedge trimmer gear box, bearing, sealing, and any other section wherever lubrication and/or sealing is required.



### PYRONOC

Part# X695-000080 (TUR)  
Part# X695-000070 (Other Europe)

Urea-type, high temperature, extreme pressure and water resistant grease. This grease is especially recommended for extensively stressed parts such as backpack brushcutter flexible shaft, hedge trimmer bearing housing, and trimmer flexible shaft.

# SAFETY GEAR OVERVIEW

ECHO is pleased to introduce a new range of safety gear onto the market. Professional safety gear is essential for your protection and comfort whilst working. ECHO offers two series: Performance series and Pro-Tech series. Both have been designed for the professional market. With safety, there can be no compromise.



## PERFORMANCE AND PRO- TECH SERIES

Professionals understand that extreme work demands extreme levels of protection. Both our Performance and Pro-Tech series of protective clothing offer just that. Our Performance Series offers professional grade protection that's robust enough to depend on for any job. Pro-Tech offers the very best in protective technology; just as tough and rugged as the Performance Series but lighter weight, more durable and with greater maneuverability.

## SAFETY GEAR GUIDE

The below chart displays required and recommended safety gear for different types of work. For your own protection and peace of mind, we recommend always ensuring that you are adequately protected and comfortable before you start any job.

|                     | Helmet                                                                              | Face Shield                                                                         | Glasses                                                                             | Hearing Protection                                                                  | Work Gloves                                                                          | Chain Saw Gloves                                                                      | Chainsaw Trousers                                                                     | Brushcutter Trousers                                                                  |
|---------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                     |  |  |  |  |  |  |  |  |
|                     | ● required<br>◇ recommended                                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| Chain Saw           | ●                                                                                   |                                                                                     | ●                                                                                   |                                                                                     |                                                                                      | ●                                                                                     | ●                                                                                     |                                                                                       |
| Hedge trimmer       |                                                                                     | ◇                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                    |                                                                                       |                                                                                       | ◇                                                                                     |
| Trimmer/Brushcutter |                                                                                     | ●                                                                                   | ●                                                                                   |                                                                                     | ●                                                                                    |                                                                                       |                                                                                       | ●                                                                                     |
| Power Pruner        | ●                                                                                   |                                                                                     | ●                                                                                   |                                                                                     | ●                                                                                    |                                                                                       |                                                                                       | ◇                                                                                     |
| Blower              |                                                                                     |                                                                                     | ●                                                                                   | ●                                                                                   | ●                                                                                    |                                                                                       |                                                                                       |                                                                                       |

# PERFORMANCE SERIES

Comfortable, unobtrusive but still strong enough to give you professional grade protection when you need it. The Performance series is designed for the professional, offering maximum protection alongside good flexibility and comfort.



## CHAIN SAW TROUSERS

6 layers of blocking material for professional grade protection against potential chain contact. Outer fabric made from a combination of polyester and cotton for safety and comfort. Side pockets and spark plug pocket for your convenience.



## CHAIN SAW FLEX TROUSERS

6 layers of blocking material for professional grade protection against potential chain contact. 93% Polyamide and 7% elastane outer fabric for high flexibility and comfort while you work. Pezaflex aqua waterproof reinforcement for weather protection. Featuring side and back pockets with zippers, plus left thigh and spark plug pockets and a hook for fixation on laces.



## CHAIN SAW CHAPS

Class 1, Type A professional grade protection. 6 layers of blocking material for professional grade protection. Outer fabric made from a combination of polyester and cotton for safety and comfort. Closing straps and elasticated belt and buckle for ease of use. Side pockets and ruler pocket for your convenience. 2 sizes fit all.



**Class 1 Type A**

| Regular leg length         | M    | L    | XL   | 2XL  |
|----------------------------|------|------|------|------|
| 1/2e Waist girth stretched | 47   | 51   | 55   | 60,5 |
| 1/2e Waist girth relaxed   | 36,5 | 37,5 | 38,5 | 40   |
| Inside leg                 | 82   | 82   | 82   | 82   |
| Side length                | 107  | 108  | 109  | 110  |



**Class 1 Type A**

| Regular leg length         | M    | L    | XL   | 2XL  |
|----------------------------|------|------|------|------|
| 1/2e Waist girth stretched | 47   | 51   | 55   | 60,5 |
| 1/2e Waist girth relaxed   | 36,5 | 37,5 | 38,5 | 40   |
| Inside leg                 | 82   | 82   | 82   | 82   |
| Side length                | 107  | 108  | 109  | 110  |



**Size Chart**

| Regular leg length | S-L  | XL-3XL |
|--------------------|------|--------|
| 1/2 Waist Girth    | 27,5 | 35,25  |
| Inside Leg         | 80   | 80     |
| Side Length        | 29,5 | 30,5   |

# PRO-TECH SERIES

Engineered for the full time professional using the highest quality materials, offering maximum protection, utility and comfort. Light-weight durability that protects all day, every day. Pro-Tech series is designed for maximum protection, and comfort in all conditions.



## CHAIN SAW TROUSERS

High visibility with reflective elements ensures you're always seen, even in the most extreme weather conditions. Made from 100% Cordura® lightweight fibre (around 33% lighter than Performance Series), for ultimate strength, flexibility and comfort. Robust weather resistance with integrated ventilation by mesh. 6 layers of Dyneema® blocking material offer the absolute best in protection and are much lighter than Performance Series. Featuring side and back pockets with zippers, left thigh and spark plug pockets alongside a hook for fixation on laces.



## BRUSHCUTTER TROUSERS

High visibility with reflective elements ensures you're always seen, even in the most extreme weather conditions. Made from lightweight and durable polyester and cotton with impact resistant 3mm padding. Pro tech brushcutter trousers are built for safety and comfort in any conditions with easy to clean, breathable siopor® ultra waterproof front reinforcement. Featuring side and back pockets with zippers, left thigh and spark plug pockets.



**Class 1 Type A**

| Regular leg length         | M    | L    | XL   | 2XL  |
|----------------------------|------|------|------|------|
| 1/2e Waist girth stretched | 47   | 51   | 55   | 60,5 |
| 1/2e Waist girth relaxed   | 36,5 | 37,5 | 38,5 | 40   |
| Inside leg                 | 82   | 82   | 82   | 82   |
| Side length                | 107  | 108  | 109  | 110  |



| Regular leg length         | M    | L    | XL   | 2XL  |
|----------------------------|------|------|------|------|
| 1/2e Waist girth stretched | 47   | 51   | 55   | 60,5 |
| 1/2e Waist girth relaxed   | 36,5 | 37,5 | 38,5 | 40   |
| Inside leg                 | 82   | 82   | 82   | 82   |
| Side length                | 107  | 108  | 109  | 110  |



### SOFTSHELL JACKET

Item# ask your sales representative

|                  | M  | L  | XL | 2XL  |
|------------------|----|----|----|------|
| Back length      | 71 | 73 | 75 | 77   |
| Sleeve length    | 81 | 83 | 85 | 87   |
| 1/2e Chest girth | 60 | 64 | 68 | 73,5 |



### SHORT SLEEVE T-SHIRT

Item# ask your sales representative

|                  | M    | L  | XL   | 2XL  |
|------------------|------|----|------|------|
| Back length      | 76   | 78 | 80   | 82   |
| Sleeve length    | 25,7 | 26 | 26,2 | 26,5 |
| 1/2e Chest girth | 49   | 51 | 54   | 56   |
| 1/2 Hem Girth    | 49   | 51 | 54   | 56   |



### LONG SLEEVE T-SHIRT

Item# ask your sales representative

|                  | M  | L  | XL | 2XL |
|------------------|----|----|----|-----|
| Back length      | 76 | 78 | 80 | 82  |
| Sleeve length    | 78 | 80 | 82 | 84  |
| 1/2e Chest girth | 49 | 51 | 54 | 56  |
| 1/2 Hem Girth    | 49 | 51 | 54 | 56  |

## OTHER SAFETY GEAR



### BRUSHCUTTER SYSTEM

99988801510: Item# C9500524



### MULTI- PURPOSE HELMET

Part# PT000200



### HEARING PROTECTION

99988801520: Item# C9500526



### CHAIN SAW GLOVES

Item# ask your sales representative

Size 8-12



### HEAVY DUTY GLOVES

Item# ask your sales representative

Size 8-12



### PROTECTIVE SLEEVES

Item# ask your sales representative



### BRACE

Item# ask your sales representative

# PRODUCT ICONS



## MODEL CERTIFIED FOR CE

Model certified for CE and RoHS compliant.



## TIP GUARD

Tip guard prevents blade contact with fences or buildings.



## POSI-LOC PIPE SYSTEM

Posi-loc for a secure connection.



## EZ-LOCK SYSTEM

EZ lock for secure pipe-to-housing connection.



## VENTILATED BACK PAD

Ventilated back pad for operator cooling.



## ES-START

Spring-assisted starting system for easier starting.



## i-START

Innovative and intelligent accumulated spring energy assist starter system for reduced starting effort.



## ELECTRONIC CONTROL

Provides effortless starts and stable performance.



## HEAVY DUTY AIR FILTER

Heavy duty air filter for reduced maintenance and less downtime.



## SUPER ANTI-VIBRATION SYSTEM

Super anti-vibration system for reduced vibration.



## LOW-TONE MODEL

Low-tone for comfortable operation.



## G-FORCE ENGINE AIR PRE-CLEANER™

G-FORCE Engine Air Pre-Cleaner for reduced air filter maintenance.



## SPIKE

Spike as standard.

### OPTION



## OPTIONAL SPIKE

Spike as optional.



## QUICK DRAW

Clip and unclip your saw with one quick movement thanks to the patented design.



## TWYND

Draws air from both sides, for more power and balance.



## ROTATIONAL CONTROL

Rotational control design reduces gyro effect on user's wrist for operator comfort.



## AUTO CHOKE

Solenoid valve at carburetor controls amount of fuel depending on the engine temperature.



## AUTOMATIC FAST IDLE

Integrated choke and fast idle with trigger release for easy starting.



## SIDE ACCESS CHAIN TENSIONER

Side access chain tensioner for quick chain adjustments.



## U HANDLE

Model with U type handle.



## LOOP HANDLE

Model with loop type handle.



## HIGH TORQUE

High torque gear ratio for more efficient work.



## ROTATABLE HANDLE

Rotatable rear handle for comfortable operation in all positions.



## ADJUSTABLE CUTTER CLEARANCE

Cutter clearance is adjustable.



## ADJUSTMENT-FREE

Cutter clearance is adjustment-free.



## RoHS

Model certified RoHS.



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## YAMABIKO CORPORATION

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