



**DEALERSHIP COPY**

# **MASTER PRODUCT CATALOGUE 2025**

**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. 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 chainsaw, 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 70 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.

## 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.

## 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.

## 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."

# HISTORY AND INTO THE FUTURE



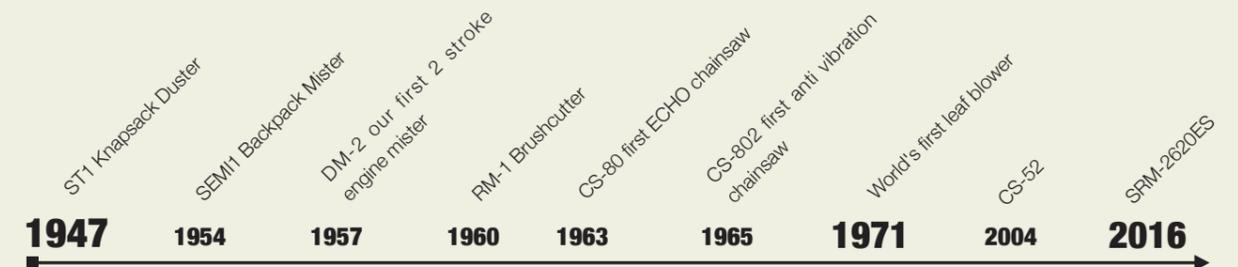
## 1947 OUR FIRST PRODUCT RELEASED



Following the Second World War, food shortages across Japan necessitated a huge improvement in agricultural processes. The hand-crank powered spreader used for transmitting dry chemicals to crops was created to increase the efficiency of farms and alleviate famine.

## 1973 OIL CRISIS SEES RISE OF CS-302

During the 1973 oil crisis later known as the "first oil shock" embargos forced mass shortages and oil prices to quadruple. As a result, many were forced for the first time, to use wood to heat their homes. This created great demand for a high quality, powerful and affordable chainsaw. The ECHO CS-302 was exactly that, and at the time, rose to be the best selling chainsaw in the world.



## 1971 WORLD'S FIRST POWER BLOWER

We produced the DM-9 Duster / Mister backpack sprayer for evenly spraying liquid chemicals. However, a group of landscapers in California found another use for it. They modified the unit by removing the liquid tank and sealing the hole with metal. They used this modified unit to blow powerful bursts of air and clear grass clippings and leaves from the pavement - effectively creating the first ever power blowers. Our engineers flew out to California and met these landscapers who requested that we build a unit without a liquid tank specifically for the purpose of blowing, which we did, and in the same year we launched the PB-9; the first ever power blower.



# 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.

For more information and terms & conditions please visit [www.echo-australia.com.au/en\\_au/support/warranty](http://www.echo-australia.com.au/en_au/support/warranty)



**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 lightweight 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.

### 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.

### WITHSTAND TOUGH CONDITIONS

ECHO X Series precision equipment is so extreme, that only the hardest working and committed can challenge the limits of its capabilities. The equipment is tested under severe conditions to assure easy starting and better acceleration in cold and hot conditions. Large fuel tanks 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.

## TRIMMERS & BRUSHCUTTERS



LOOP HANDLE



### SRM-2621TES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*1: 5.6kg (SRM-2621TES/L), 5.7kg (SRM-2621TES/U)



LOOP HANDLE



### SRM-3021TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps //  
Dry weight\*1: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE)



### SRM-3611T/L

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.4kW / 1.9ps //  
Dry weight\*1: 6.1kg



### SRM-420TES

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps //  
Dry weight\*1: 8.7kg



### SRM-520ES

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.16kW / 2.94ps //  
Dry weight\*1: 9.0kg



\*1: Without cutting attachment and shield.

## TRIMMERS AND BRUSHCUTTERS



### DSRM-2600

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



LOOP HANDLE

## TOP HANDLE CHAINSAW



### CS-2511TES

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



## CHAINSAWS



### CS-4310SX

Engine displacement: 42.9cm<sup>3</sup> // Output: 2.3kW / 3.1ps // Dry weight\*2: 4.3kg // Bar size: 45cm / 18in



### CS-501SX

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps // Dry weight\*2: 4.7kg // Bar size: 45cm / 18in



### CS-621SX

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



### 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



### DCS-2500T

Rated voltage: 50.4V // Dry weight\*3: 1.6kg // Bar size: 25cm / 10in



### DCS-3500

Rated voltage: 50.4V // Dry weight\*3: 2.9kg // Bar size: 35cm / 14in



\*1: Without battery, cutting attachment and guard. \*2: Without guide bar and saw chain. \*3: Without battery, guide bar and saw chain.

## HEDGE TRIMMERS



### HCA-2620ES-HD

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight: 6.5kg\*1 // Cutting length: 536mm //  
Overall length: 2440mm



### DCS-2200R

Rated voltage: 50.4V // Dry weight\*4: 2.9kg //  
Cutting length: 562mm



## BLOWERS



### PB-2620

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



### PB-8010

Engine displacement: 79.9cm<sup>3</sup> // Output: 4.2kW / 5.7ps //  
Dry weight\*2: 11.9kg // Air volume\*3: 1819m<sup>3</sup>/h //  
Max. air speed: 94.5m/sec



### DPB-2600

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



## POWER PRUNER®



### PPT-2620ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*1: 7.9kg // Overall length: 2716-3704mm



## PRO ATTACHMENT SERIES™



### DPAS-2600

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



### PAS-2620ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*2: 4.8kg // Length\*2: 1038mm



\*1: Unit with specified cutting attachment. \*2: Unit with standard blower or vacuum pipes.  
\*3: At actual usage point (measured with blower pipes). \*4: Without battery. \*5: Unit with blower pipes, without battery.

\*1: Without guide bar and saw chain. \*2: Unit without attachment. \*3: Without battery, guide bar and saw chain.

# CHAINSaws

## OVERVIEW

ECHO chainsaws are built to last. Since our first saw in 1963 we have been innovating and improving. The lineup now extends to 73.5cc with the inclusion of the CS-7310SX. The new DCS-2500T top handle saw is the first ever battery product to enter the X-Series and set to revolutionise the perception of battery tools in the industry. 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 chainsaw you can depend on.



### DCS-3500



# CHAINSAWS TOP HANDLE



## CS-2511TES

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps // Dry weight\*<sup>1</sup>: 2.3kg // Bar size: 25cm / 10in



## CS-280TES

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps // Dry weight\*<sup>1</sup>: 3.0kg // Bar size: 25cm / 10in



## CS-310ES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.1kW / 1.5ps // Dry weight\*<sup>1</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>1</sup>: 3.7kg // Bar size: 35cm / 14in



Auto Choke

## CS-3510AC

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.5kW / 2.1ps // Dry weight\*<sup>1</sup>: 3.8kg // Bar size: 35cm / 14in



## CS-4010

Engine displacement: 41.6cm<sup>3</sup> // Output: 1.9kW / 2.6ps // Dry weight\*<sup>1</sup>: 4.2kg // Bar size: 38cm / 15in



## CS-362TES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.50kW / 2.04ps // Dry weight\*<sup>1</sup>: 3.6kg // Bar size: 35cm / 14in



## DCS-2500T

Rated voltage: 50.4 // Dry Weight\*<sup>2</sup>: 1.6kg // Bar size: 25cm / 10in



## CS-4510ES

Engine displacement: 45.0cm<sup>3</sup> // Output: 2.3kW / 3.1ps // Dry weight\*<sup>1</sup>: 5.0kg // Bar size: 45cm / 18in



## CS-4310SX

Engine displacement: 42.9cm<sup>3</sup> // Output: 2.3kW / 3.1ps // Dry weight\*<sup>1</sup>: 4.3kg // Bar size: 45cm / 18in



# CHAINSAWS



**X**  
**CS-501SX**

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps //  
Dry weight<sup>1</sup>: 4.7kg // Bar size: 45cm / 18in



**CS-590**

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.0kW / 4.1ps //  
Dry weight<sup>1</sup>: 6.0kg // Bar size: 50cm / 20in



**X**  
**CS-621SX**

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.2kW / 4.4ps //  
Dry weight<sup>1</sup>: 6.3kg // Bar size: 50cm / 20in



**X**  
**CS-7310SX**

Engine displacement: 73.5cm<sup>3</sup> // Output: 4.1kW / 5.6ps //  
Dry weight<sup>1</sup>: 6.7kg // Bar size: 50cm / 20in



**X**  
**DCS-3500**

Rated voltage: 50.4V // Dry weight<sup>\*2</sup>: 2.9kg //  
Bar size: 35cm / 14in

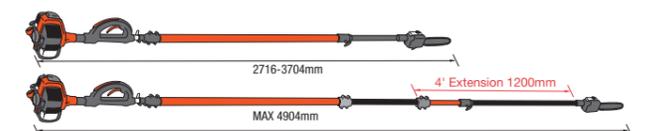


# POWER PRUNERS® TELESCOPIC



**X**  
**PPT-2620ES**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight<sup>1</sup>: 7.9kg // Overall length: 2716-3704mm



# 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.



**HIGH TORQUE GEAR CASE**  
Durable and better performance.

**PROFESSIONAL GRADE 25mm DIAMETER OUTER PIPE**  
Increased durability.

**HEAVY DUTY AIR FILTER**  
For proven filtration and longer maintenance interval.

Pleated paper main air filter for easier cleaning than felt filter.

Foam pre-filter keeps dust and debris out of the pleats.

**30.5 cm<sup>3</sup> PROFESSIONAL-GRADE, 2-STROKE ENGINE**  
Great power to weight ratio allows increased work efficiency and reduced operator fatigue.

**LARGE CAPACITY FUEL TANK**  
Longer working time.

**20 inch SHIELD**

**INCREASED CUTTING SWATH**  
20 inch (510 mm)

**SRM-3021TES**



# TRIMMERS & BRUSHCUTTERS

ES-Start Digital CDI Digital controlled CDI Heavy duty air filter U handle Loop handle ANTI VIBE Super anti-vibration system



## SRM-222ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.5ps // Dry weight\*1: 4.5kg



## SRM-237TES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*1: 5.1kg



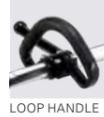
## SRM-520ES

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



## SRM-2621TES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight\*1: 5.6kg (LOOP HANDLE), 5.7kg (U HANDLE)



## SRM-3021TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps // Dry weight\*1: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE)



## SRM-3611T/L

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.4kW / 1.9ps // Dry weight\*1: 6.1kg



## SRM-420TES

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps // Dry weight\*1: 8.7kg



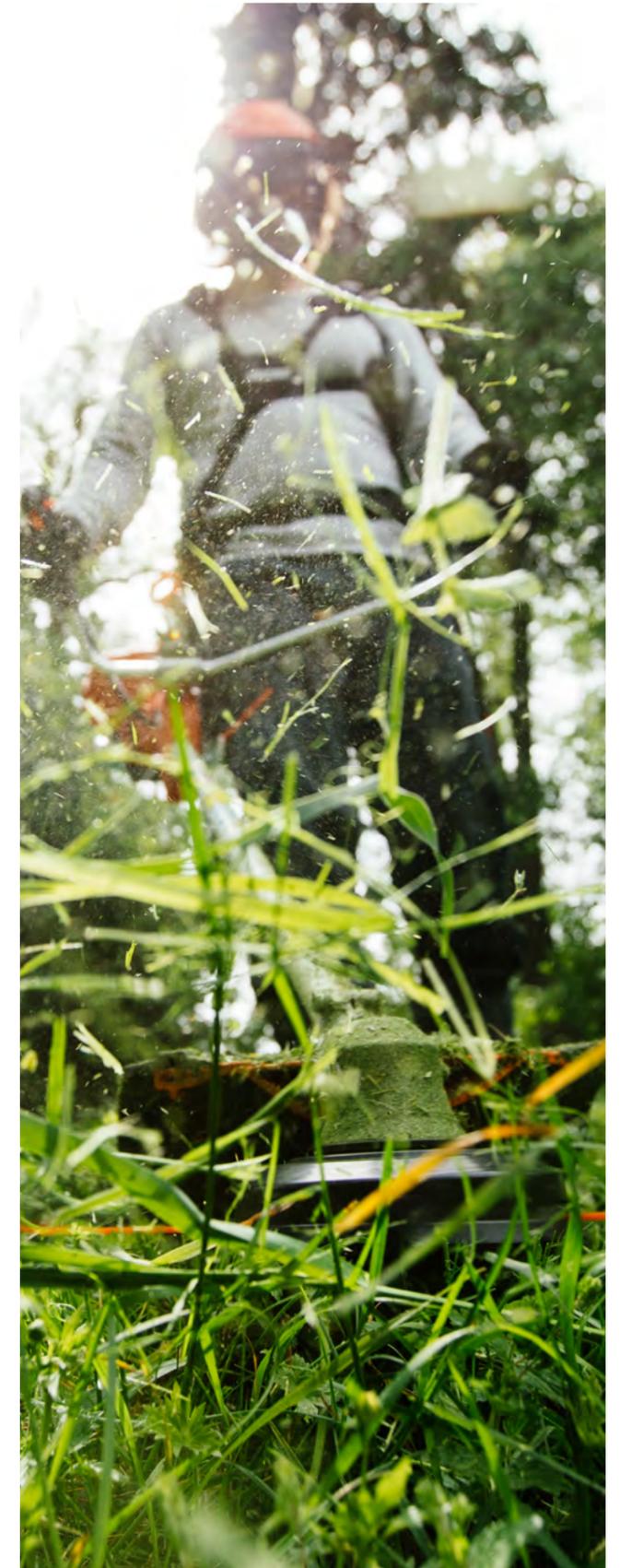
## GT-222ES

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



## DSRM-2600

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



# PRO ATTACHMENT SERIES™



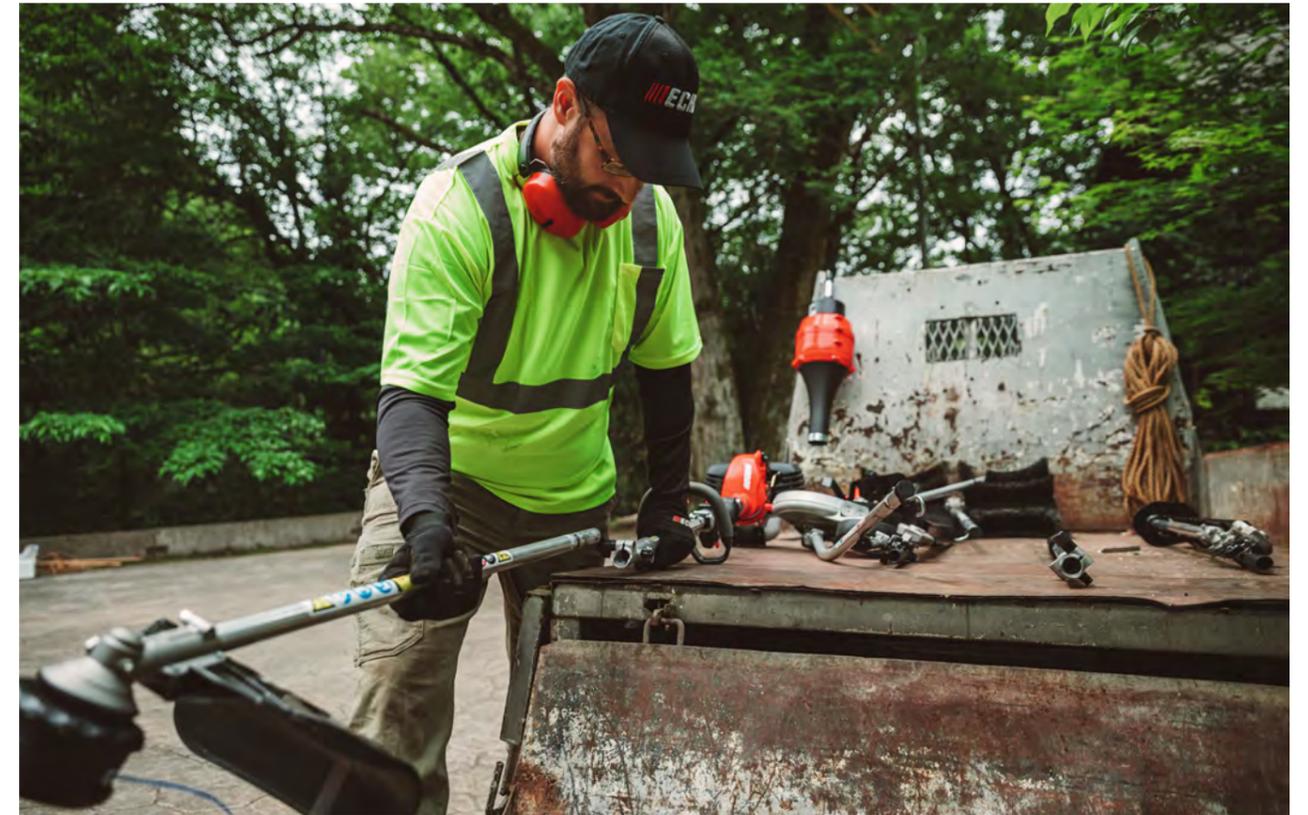
## PAS-2620ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight<sup>\*1</sup>: 4.8kg // Length<sup>\*1</sup>: 1039mm



## DPAS-2600

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



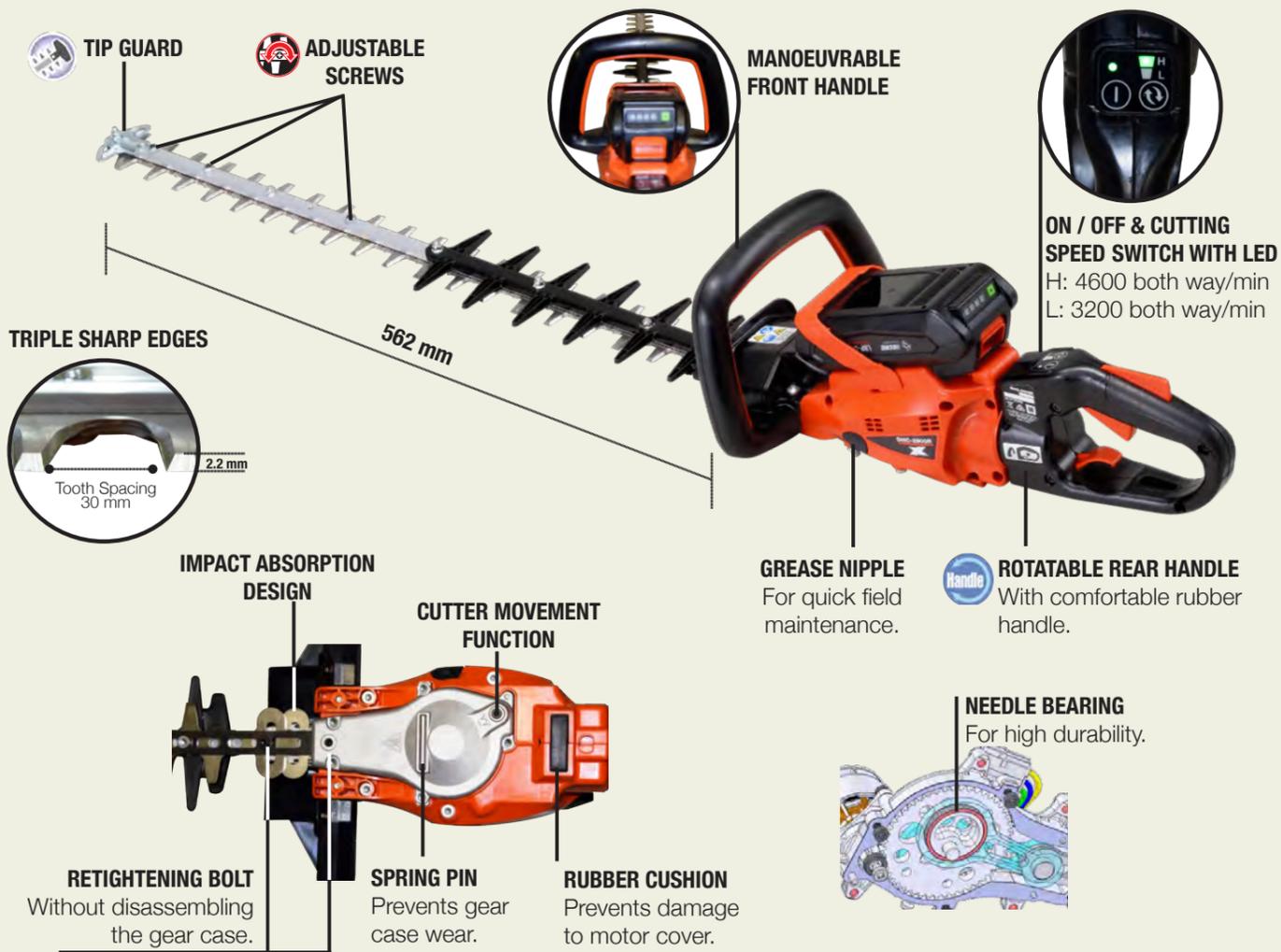
## ATTACHMENT SPECIFICATIONS

	TRIMMER/ BRUSHCUTTER	HEDGE TRIMMER		POWER PRUNER <sup>®</sup>	TILLER CULTIVATOR	EDGER	PROSWEEP™	BLOWER	EXTENSION
	MTA-TB	MTA-AHS-HD	MTA-AH-HD	MTA-PP/E	MTA-TC	MTA-LE/E	MTA-PS	MTA-PB	MTA-3EXT
Dry weight (kg)	1.5 <sup>*2</sup>	2.1	2.6	1.8 <sup>*3</sup>	2.3	2.4 <sup>*5</sup>	5.3	1.8	1.2
Length (mm)	815 <sup>*2</sup>	966	1637	1206 <sup>*4</sup>	907	787 <sup>*5</sup>	797	635	1000
Drive shaft diameter (mm)	6.1	6.1	6.1	6.1	6.1	6.1	6.1	10.5	6.1
Main pipe diameter (mm)	25	25	25	25	25	25	25	25	25
Gear reduction ratio	1.36	4.6	4.6	1.53	42.75	2.07	42.75	-	-
Cutting length (mm)	-	536	536	-	-	-	-	-	-
Cutter pitch (mm)	-	35	35	-	-	-	-	-	-
Applicable bar length (cm / inch)	-	-	-	25 / 10	-	-	-	-	-
Saw chain pitch (inch)	-	-	-	3/8	-	-	-	-	-
Cutting blade length (mm)	-	-	-	-	-	197	-	-	-
Culti rotor diameter (mm)	-	-	-	-	220	-	-	-	-
Culti rotor width (mm)	-	-	-	-	161	-	-	-	-
Maximum sweeping width (mm)	-	-	-	-	-	-	598	-	-
Air volume <sup>*1</sup> (m <sup>3</sup> /h)	-	-	-	-	-	-	-	654	-
Maximum air speed <sup>*1</sup> (m/sec)	-	-	-	-	-	-	-	52.86	-

\*1: With PAS-2620ES power head. \*2: Without cutting attachment and shield. \*3: Without guide bar and saw chain. \*4: With standard 25 cm guide bar and saw chain. \*5: Without blade.

# 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 maximising 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 manoeuvrability while you work. We pride ourselves on the careful dedication to small details that make your work more comfortable and efficient.



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



## HC-2020

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



## HC-2020R

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



## HCR-185ES

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



## DHC-2200

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



## LONG REACH HCA-2620ES-HD

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight: 6.5kg // Cutting length: 536mm // Overall length: 2440mm



# 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.



**HIGH PERFORMANCE**  
AIR VOLUME 768 m<sup>3</sup>/h  
AIR SPEED 76.2 m/sec



**THROTTLE WITH CRUISE CONTROL**

Allows operator to lock throttle at a variety of settings.

**ROTATIONAL CONTROL DESIGN**

Reduces gyro effect on user's wrist for operator comfort.

**NEW SHOULDER HARNESS ATTACHMENT POINTS**

Allow use of shoulder harness to support weight of unit and reduce user fatigue.

**TOOL-LESS AIR FILTER COVER**

For easy access.

POSI-LOCK

EZ-LOCK SYSTEM



**DOUBLE-GRID DESIGN**

Reduces intake clogging and provides more consistent unit performance.

**25.4 cm<sup>3</sup> PROFESSIONAL-GRADE, 2-STROKE ENGINE**

Provides greater blowing to get your job done faster.



# BLOWERS **HANDHELD**



## PB-2520

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps //  
 Dry weight<sup>\*1</sup>: 3.9kg // Air volume<sup>\*2</sup>: 768m<sup>3</sup>/h //  
 Max. air speed: 76.2m/sec



## **X** 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>\*2</sup>: (STD) 697m<sup>3</sup>/h, (Boost)  
 798m<sup>3</sup>/h // Max air speed: (STD) 69.7m/sec, (Boost) 79.5m/sec



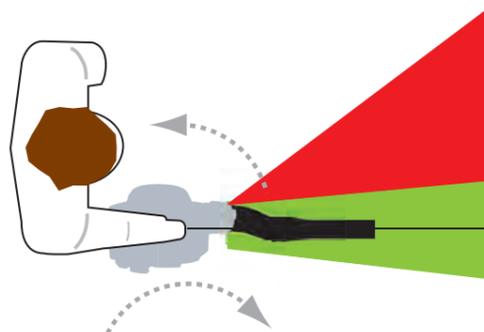
## **X** PB-2620

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



# SHRED 'N' VAC<sup>®</sup>



Exclusively designed asymmetric cutter shreds leaves and debris by a 12:1 ratio.



## ES-250ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
 Dry weight<sup>\*1</sup>: 5.7kg // Air volume<sup>\*2</sup>: 576m<sup>3</sup>/h //  
 Max. air speed: 81.7m/sec



# BLOWERS **BACKPACK**



## PB-265ESLT

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.70kW / 0.95ps //  
 Dry weight<sup>\*1</sup>: 6.0kg // Air volume<sup>\*2</sup>: 618m<sup>3</sup>/h //  
 Max. air speed: 68.7m/sec



## PB-760LN

Engine displacement: 63.3cm<sup>3</sup> // Output: 1.94kW / 2.64ps //  
 Dry weight<sup>\*1</sup>: 11.9kg // Air volume<sup>\*2</sup>: 918m<sup>3</sup>/h //  
 Max. air speed: 93.7m/sec



## **X** PB-8010

Engine displacement: 79.9cm<sup>3</sup> // Output: 4.2kW / 5.7ps //  
 Dry weight<sup>\*1</sup>: 11.9kg // Air volume<sup>\*2</sup>: 1819m<sup>3</sup>/h //  
 Max. air speed: 95m/sec



Accessories on page 46

# ENGINE CUTTERS

ES-Start Heavy duty air filter Automatic fast idle



## ENGINE CUTTER CSG-7410ES

Cutting blade not included

Engine displacement: 73.5cm<sup>3</sup> // Output: 3.2kW / 4.4ps //  
Dry weight<sup>\*1</sup>: 10.7kg // Applicable blade diameter: 350mm



Engine cutter CSG-7410 and blade not included

## CART WITH WATER KIT CWT-7410

Weight: 29.5kg // Water tank capacity 10L //  
Maximum cutting depth 120mm



# SPREADERS & SPRAYERS



## SPREADERS RB-60

Dry weight: 10.4kg // Hopper Height: 26.7cm // Hopper Length: 81.3cm // Hopper Capacity: 27.2kg // Tyres: 10inch

## SPRAYERS

ECHO sprayers offer complete coverage without compromise. Including various nozzle types for versatility and comfortable straps for all day use.



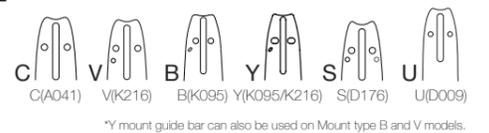
## MS-4010BP

Capacity: 15L // 90 PSI piston style pump

# CHAINSAW 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					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
CS-2511TESC	0.050	1/4	20	C	C20H25-52CL-ED	X100-000060	Solid	Hard	52	25AP	X200-000000		
			25		C25H25-60CL-ET	X101-000011					60		431610-10030
	0.043	20	C20HA4-52CL-ED		X100-000070	52			A4S	X200-000020	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
	1/4	30	C30S91-47ML-EC		X122-000341	47	25AP	X222-000140					
		25	C25H25-60CLD-ED		X101-000200			Solid		Hard	60	431610-10030	
CS-280T	0.050	3/8	25	C	C25S91-40SL-ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	EU, TUR	
			20		C20HA4-52CL-ED	X100-000070					52		A4S
CS-280TES	0.043	1/4	25		C25HA4-60CL-ED	X101-000210	Solid	Hard	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	
			35		C35S91-53ML-EC	X123-000551					53		91VXL
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	
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
	1/4	30	C30H25-68CL-ED		X102-000071	Solid	Hard	68	25AP	431611-10030			
		35	C35H25-76CL-ET		X103-000111			76	25A	X202-000010			
										25AP	431612-10030		
											25A	X203-000000	

# CHAINSAW ACCESSORIES

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-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	EU		
			25		C25HA4-60CL-ED	X101-000210			60		X201-000020			
			20		C20SA4-52CL-ED	X120-000090			52		X200-000020			
			25		C25SA4-60CL-ED	X121-000250			60		X201-000020			
		0.050	3/8		30	C30SA4-68CL-ED	X122-000440	Laminate	Sprocket	68	91PX		X202-000030	
					20	C20S91-35SA-ET	X120-000021			35			X220-000020	
CS-281WES	0.050	3/8	20	C	C20S91-35SA-ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	EU		
			25		C25S91-40SL-ET	X121-000003			40		X221-000100			
			30		C30S91-47ML-EC	X122-000341			47		X222-000140			
		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	EU		
									91VXL	X222-000130				
			35		C35S91-53ML-EC	X123-000551			53	91PX	X223-000130			
						91VXL	X223-000080							
		1/4	40		C40S91-58AA-ET	430211-13433	Solid	Hard	58	91PX	X224-000070			
									91VXL	X224-000030				
		30	C30H25-68CL-ED	X102-000071	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	EU		
			35		C35S90-52SA-ET	X123-000231			52		X223-000150			
			0.050		30	C30S91-47ML-EC			X122-000341		47		91PX	X222-000140
											91VXL		X222-000130	
					35	C35S91-53ML-EC			X123-000551		53		91PX	X223-000130
				91VXL	X223-000080									

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		
CS-3510ES 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			
			40		30	C30S91-47ML-EC			X122-000341		47		91PX	X222-000140
											91VXL		X222-000130	
			0.050		35	C35S91-53ML-EC			X123-000551		53		91PX	X223-000130
											91VXL		X223-000080	
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		91PX		X224-000070	
					16A0CD3757	X124-000750			57		91VXL		X224-000020	
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 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			
					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 (X160-000150)	72	21LPX	X245-000011	BASIC		
CS-4310SX	0.050	0.325	33	Y	Y33R20-56ML-ED	X122-000470	Solid	Sprocket (X160-000020)	56	95TXL	X242-000010	EU		
			35		Y35R20-60ML-ED	X123-000730			60		X243-000010			
			40		Y40R20-68ML-ED	X124-000770			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			
			50		Y50S21-80AL-ED	X126-000300			80		431712-30231			
			38		Y38R21-64AA-ET	X123-000650			64		431721-30231			
	0.050	0.325	0.325	45	Y	Y45R21-72AA-ET	X125-000420	Solid	Sprocket (X160-000150)	72	95TXL	431717-30231	EU	
				50		Y50R21-80AA-ET	X126-000320			80		431712-30231		
				33		Y33S20-56ML-ED	X122-000410			56		X242-000010		
				38		Y38S20-64ML-ED	X123-000670			64		X243-000020		
				45		Y45S20-72ML-ED	X125-000440			72		X245-000060		
CS-4920	0.050	0.325	50	Y	Y50S20-80AL-ED	X126-000350	Laminate	Sprocket	80	95TXL	X246-000140	EU		
			33		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			
			50		Y50S20-80AL-ED	X126-000350			80		X246-000140			

# CHAINSAW ACCESSORIES

Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN				Standard	
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Saw chain	Part number		
CS-501SX	0.050	0.325	33	Y	Y33R20-56ML-ED	X122-000470	Solid	Sprocket (X160-000020)	56	95TXL	X242-000010	EU	
			40		Y40R20-68ML-ED	X124-000770			68		X244-000110		
			45		Y45R20-72AL-ED	X125-000490		72	X245-000060				
			50		Y50R20-80AL-ED	X126-000450		80					
			45	V	V45R20-72AA1-ET	X125-000251		72					
CS-501SX CS-501SXH	0.058	0.325	40	V	V40R21-68AA-ED	X124-000691	Solid	Sprocket (X160-000090)	68	21BPX	431711-38331	EU	
			45		V45R21-72AA1-ET	430517-30134			72		431717-30231		EU, TUR
			45		V45R21-72AA-ED	X125-00351		Sprocket (X160-000090)	72		431712-30231	EU	
			50		V50R21-80AA-ED	X126-000291			80				
CS-590	0.058	3/8	40	S	S40S73-60AA-ED	X124-000481	Laminate	Sprocket	60	73LPX	X264-000060	EU, AUS, 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 (X160-000082)	64	73LPX	X265-000060	EU, TUR	
			50		S50R73-72AA-ED	X126-000191			72		X266-000060		
			60		S60R73-84AA-ED	X128-000051			84		X268-000040		
			70		S70R73-92AA-ED	X130-000040			92		X270-000050		
CS-620SX CS-680S	0.058	3/8	45	S	S45R73-64AA-ED	X125-000261	Solid	Sprocket (X160-000080)	64	73LPX	X265-000060		
			50		S50R73-72AA-ED	X126-000191			72		X266-000060		
			60		S60R73-84AA-ED	X128-000051		Sprocket (X160-000082)	84		X268-000040		
			70		S70R73-92AA-ED	X130-000040			Hard		92		X270-000050
			70		28D8TW3892	X110-000000							
CS-7310SX	0.058	3/8	45	U	U45R73-68AA-ED	X125-000470	Solid	Sprocket (X160-000080)	68	73LPX	X265-000080	EU	
			50		U50R73-72AA-ED	X126-000390			72		X266-000060		EU
			60		U60R73-84AA-ED	X128-000110			84		X268-000040	EU, TUR	
			70		U70R73-92AA-ED	X130-000040			92		X270-000050		
			70		U70R73-92AA-ED	X130-000040			92		X270-000080		EU

# LUBRICANTS

## 2-STROKE ENGINE OIL ECHO POWER BLEND GOLD

Quality engine oil plays an important role in clean and efficient engine running and provides excellent protection against rust, wear, corrosion and a lot more. ECHO oil is exclusively blended and tuned for ECHO 2-stroke engines. "Power Blend" works best with ECHO products. ECHO Power Blend Gold Oil exceeds ISO-LEGD and JASO M345/FD requirements. It has superior cleaning capabilities, minimises exhaust gas blockages and assures superior protection. Using ECHO Power Blend Gold Oil will help increase your tool's lifespan.



Part Number	DESCRIPTION
C9500622_AAC	ECHO POWER BLEND 2 STROKE OIL 100ML
6454101G_AAC	ECHO POWER BLEND GOLD 2 STROKE OIL 1L
6454201G_AAC	ECHO POWER BLEND GOLD 2 ST OIL 1L CHAMBER PACK
6450050G_AAC	ECHO POWER BLEND GOLD 2 ST OIL 3.78L
6450250G_AAC	ECHO POWER BLEND GOLD 2 STROKE OIL 18L
C9500645_AAC	ECHO BAR & CHAIN OIL 946ml
6454801_AAC	ECHO BAR & CHAIN OIL 3.78L

## 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.



## LITHIUM BASED HIGH TEMPERATURE GREASE

Water resistant formula, ideal for gear cases, bearings, fitting and flex cable lubrication.

	91014_AAC	ECHO GEARCASE GREASE 8OZ
	X695000060_AAC	EPNOC AP2 GREASE
	X695000070_AAC	PYRONOC UREA TYPE HIGH TEMP GREASE EXTREME PRESSURE AND WATER RESISTANCE

# TRIMMER & 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 line.

### 1. Line-up Arrows



### 2. Feed Line



### 3. Twist Top Disc



Diameter: 2.4mm  
Length: 3.0m

### SF400

Part# 99944200907



FITS MOST CURVED AND STRAIGHT SHAFT TRIMMERS

## SAFETY GEAR



### BRUSHCUTTER SYSTEM

99988801510: Item# C9500524



### MULTI-PURPOSE HELMET

99988801500: Item# C9500525



### HEARING PROTECTION

99988801520: Item# C9500526

## TAP & GO NYLON CUTTING HEAD



### B4

B4-R: Part# X047-000381 (RH)  
B4-L: Part# X047-000370 (LH)

Diameter: 3.0mm  
Length: 2.0m



### G137 100

Part# X047-000551

Diameter: 2.4mm  
Length: 2.0m



### G138

G138 500: Part# X047-000561 (w/o spacer)  
G138 502: Part# X047-000570 (w/spacer)  
G138 507: Part# X047-001060

Diameter: 2.4mm  
Length: 2.0m



### F4

Part# X047-000260

Diameter: 3.0mm  
Length: 2.0m



### B6

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

Diameter: 3.3mm  
Length: 1.5m x 2pcs



### Z5

Part# X047-000020

Diameter: 3.0mm  
Length: 5.0m



## RAPID-LOADER™ HEAD

ECHO's Rapid-Loader trimmer head offers the ultimate in easy reloading. No more winding or dealing with a rat's nest of tangled line - simply insert 8" pre-cut sections of line into the eyelets, and you are ready to trim. The Rapid-Loader is perfect for smaller jobs or for trimming large open areas away from obstacles.



### 2-LINE RAPID LOADER™

Item# C9500089



### RAPID-LOADER™ 35

Item# C6000240



### RAPID-LOADER™ 25

Item# C6000229

# TRIMMER & BRUSHCUTTER ACCESSORIES

## NYLON LINE HEAD REFERENCE CHART

Part number	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	Z5 M10L	B6 M10L	SF400/E1	SF500/E	RAPID-LOADER 25	RAPID-LOADER 35	RAPID-LOADER	
													2-Line	3-Line
P022-061460		X047-000381	X047-000551	X047-000560	X047-000260	X048-000020	X047-001121			C6000229	C6000240	C9500089	C9500092	
GT-222ES	L	◇	●											
SRM-222ES	U			●				◇				◇		
SRM-237	L			●				◇				◇		
SRM-237TES	U							●				◇		
SRM-2621ES	L							●				◇		
SRM-2621TES	U							●				◇		
SRM-267	L							●				◇		
SRM-301TES	U							◇		●		◇		
SRM-3021TES	L							◇		●		◇		
SRM-3611T	U							◇		●		◇	◇	
SRM-420ES	L							◇		●		◇	◇	
SRM-420ES-LW	U							◇		●		◇	◇	
SRM-420TES	L							◇		●		◇	◇	
SRM-4510 (BASIC)	U											●		
SRM-4605 (BASIC)	U							◇		●		◇	◇	
SRM-520ES	U							◇		●		◇	◇	
BCLS-520ES	U							◇		●		◇	◇	
RM-520ES	L							◇		●		◇	◇	
RM-3020T	U							●	◇					
DSRM-310	L	●												
DSRM-2600	U							●						
DPAS-TRIMMER	L							●						
MTA-TB	L							●						
MTA-DTB	-							●						

## 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



### SHREDDER BLADE

Part# X413-000040



### SHREDDER BLADE SHIELD KIT

Part# P021-035961



### RECIPROCATING CUTTER ATTACHMENT

Available for  
SRM-222ES Item# 26419207  
SRM-237TES Item# C1040206

Convert your trimmer into a shafted hedge trimmer.

## ROTARY SCISSORS

ECHO Power Rotary Scissors PRS-231M are great for edging, wetland clearance, uncovering of landmarks (drain covers etc). No thrown debris means they are an ideal brushcutter attachment for operators working in conditions with safety risks or potential for damaging of property.



### PRS-231M

Item# C6000196  
Pipe sleeves and gear case adapters included.

## BRUSHCUTTER HARNESS



### ERGONOMIC HARNESS

Part# C062-000550



### ERGO PRO

Part# C062-000612

# TRIMMER & BRUSHCUTTER ACCESSORIES

## METAL BLADE REFERENCE CHART

		METAL BLADE												
		3-CUTTER BLADE				4-CUTTER BLADE			8-CUTTER BLADE			CLEARING SAW	SHREDDER BLADE	SAW BLADE SHIELD
Part number		X405-000011	X405-000001	P021-014310	P021-014320	X400-000021	696001-64133	X400-000032	X405-000130	696001-55632	X405-000141	X040-000090	X413-000040	P100-0088609
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		◇		◇			◇		◇			◇	
	L		◇		◇			◇		◇			◇	
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	-				◇									

# 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 HC-1501, HCR-1501, HC-156  
Part# P021-049510



### TIP GUARD KIT

Fits HCR-165ES, HCR-185ES, HC-2020R  
Part# P021-049521



### CUTTER ASSEMBLY KIT

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

Y50001

### WHAT IS GOOD ABOUT 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.



# BLOWER ACCESSORIES



## PBAV-1010

Kit: Item# C1042202  
Replacement bag: Part# X692-000190  
Suits: PB-2155 & PB-2455



## PBAV-255

Kit: Item# C1042203  
Replacement bag: Part# X692-000190  
Suits: PB-255



## SHOULDER STRAP

Item# C9500141



Image: 99944100010J

## RAIN GUTTER KIT

Item# 99944100010J Suits: PB-2155, 2455  
Item# 99944100026 Suits: blowers with Posi-Loc connectors



## HIP BELT

Part# P021-051530



## BLOWER ACCESSORY FIT UP CHART

Standard: ● Option: ◇

Model	Vacuum attachment	Rain gutter kit	Shoulder strap	Hip Belt		Back strap
	PBAV-255	99944100026	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		◇				

# POWER PRUNERS® ACCESSORIES

## GUIDE BAR AND SAW CHAIN

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 PPT-236ES	0.050	3/8	25	10A0CD3739	X121-000060	Laminate	Sprocket	39	91VXL	91VXL39CQ
PPT-2620ES PPT-2620HES	0.050	3/8	30	12A0CD3744	X122-000150	Laminate	Sprocket	44	91VXL	91VXL44CQ

## ADDITIONAL ACCESSORIES



## 4' EXTENSION 99946400023

Length: 1200mm  
Item# C9500496



## HEDGE TRIMMER PPA-AH-HD

Item# 28350251  
Converts your ECHO Power Pruner to a long reach, telescopic, articulated hedge trimmer



## HEDGE BRANCH CUTTER KIT P021041960

Bar Length - 12"

Option: ◇

	HEDGE TRIMMER	4' EXTENSION	HEDGE BRANCH CUTTER KIT
	PPA-AHHD	99946400023	P021041960
PPT-2620ES	◇	◇	◇

\*Extension is only usable with Chainsaw attachment.



# SPECIFICATIONS

Standard: ● Option: ◇

## TOP HANDLE SAWS

	TOP HANDLE SAWS		
	CS-2511TES	CS-280TES	CS-362TES
Configuration	AUS, EU, TUR	EU	RUS
Engine displacement (cm³)	25.0	26.9	35.8
Output (kW / ps)	1.11 / 1.51	1.07 / 1.46	1.50 / 2.04
Dry weight* (kg)	2.3	3.0	3.6
Fuel tank capacity (mL)	190	240	330
Chain oil tank capacity (mL)	140	160	240
Fuel consumption at maximum engine power (L/h)	0.68	0.68	1.10
Priming pump	●	●	●
Ignition system	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start
Chain brake	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	●	●	●
Chain tensioner	Side	Side	Side
Saw chain pitch (inch)	3/8	3/8	3/8
Guide bar gauge (inch)	0.050	0.050	0.050
Applicable bar length (cm / inch)	20, 25, 30 / 8, 10, 12	20, 25, 30 / 8, 10, 12	30, 35, 40 / 12, 14, 16
Vibration² Front handle / Rear handle (m/s²)	3.5 / 4.0	3.9 / 4.2	3.4 / 4.7
Sound pressure level³ (dB(A))	99.7	99.3	101.6
Sound power level⁴ (dB(A))	110.3	108.1	111.9

## CHAINSAWS

	CHAINSAWS									
	CS-310ES	CS-3510ES	CS-3510AC	CS-4010ES	CS-4510ES	CS-4310SX	CS-501SX	CS-590	CS-621SX	CS-7310SX
Configuration	EU	EU	EU	EU	EU	EU	EU	BASIC, EU	EU	EU
Engine displacement (cm³)	30.5	34.4	34.4	41.6	45.0	42.9	50.2	59.8	59.8	73.5
Output (kW / ps)	1.1 / 1.5	1.5 / 2.1	1.5 / 2.1	1.9 / 2.6	2.3 / 3.1	2.3 / 3.1	2.57 / 3.50	3.0 / 4.08	3.2 / 4.4	4.1 / 5.6
Dry weight* (kg)	4.0	3.7	3.8	4.2	5.0	4.3	4.7	6.0	6.3	6.7
Fuel tank capacity (mL)	250	280	280	350	480	400	500	650	650	800
Chain oil tank capacity (mL)	260	230	230	230	330	270	280	300	300	360
Fuel consumption at maximum engine power (L/h)	0.68	0.85	0.85	1.06	1.19	1.24	1.54	1.68	1.81	-
Priming pump	●	●	●	●	●	●	-	-	-	-
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	Decomp	Decomp	Decomp	Decomp
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	●	●	●	●	●	●	●	●	●	●
Chain tensioner	Side	Side	Side	Side	Side	Side	Side	Side	Side	Side
Saw chain pitch (inch)	3/8	3/8	3/8	0.325	0.325	0.325	0.325	3/8	3/8	3/8
Guide bar gauge (inch)	0.050 (0.043)	0.050	0.050	0.050	0.050	0.050	0.058	0.058	0.058	0.058
Applicable bar length (cm / inch)	30, 35 / 12, 14	30, 35, 40 / 12, 14, 16	30, 35, 40 / 12, 14, 16	38, 45 / 15, 18	33, 38, 45, 50 / 13, 15, 18, 20	33, 35, 40, 45 / 13, 14, 16, 18	40, 45, 50 / 16, 18, 20	40, 45, 50, 60 / 16, 18, 20, 24	45, 50, 60 / 18, 20, 24	50, 60, 70 / 20, 24, 28
Vibration² Front handle / Rear handle (m/s²)	4.1 / 6.8	4.1 / 5.0	4.1 / 5.0	2.7 / 5.3	2.6 / 2.8	3.3 / 3.1	5.2 / 5.4	4.4 / 4.7 (EU)	4.2 / 5.2	4.2 / 3.8
Sound pressure level³ (dB(A))	97.9	101.7	101.7	100.4	100.2	102	103.6	101.0 (EU)	101.6	106.8
Sound power level⁴ (dB(A))	107.7	110.3	110.3	109.4	111.9	111.2	113.5	112.2 (EU)	113.4	116.9

## TRIMMERS/BUSHCUTTERS

	CURVED SHAFT TRIMMERS		TRIMMERS/BUSHCUTTERS	
	GT-222ES		SRM-222ES	SRM-237TES
Configuration	EU		EU	EU
Handle type	L		L	L
Engine displacement (cm³)	21.2		21.2	21.2
Output (kW / ps)	0.7 / 1.0		0.7 / 1.5	0.7 / 1.5
Dry weight* (kg)	4.3		4.5	5.1
Fuel tank capacity (mL)	400		400	440
Fuel consumption at maximum engine power (L/h)	0.45		0.45	0.45
Carburettor	Diaphragm		Diaphragm	Diaphragm
Start assist system	ES-Start		ES-Start	ES-Start
Drive shaft type	Flexible		Flexible	Solid
Drive shaft diameter (mm)	6.1		6.15	6.0
Main pipe diameter (mm)	25.0		25.0	25.0
Gear reduction ratio	1.0		1.36	1.62
Standardised nylon head	Type	G137 100	G138 500	SF400
	Item number	X047-000551	X047-000560	SF400/E1
Standardised metal blade	Type	-	-	-
	Item number	-	-	-
Vibration Left handle⁶ / Right handle (m/s)	Metal Blade	-	-	-
	Nylon head	4.9 / 5.4	3.8 / 5.7	3.7 / 2.9
Sound pressure level⁷ (dB(A)) Blade / Nylon head	- / 91.9	- / 91.9	- / 90.7	- / 90.7
Sound power level⁸ (dB(A)) Blade / Nylon head	- / 105.0	- / 103.4	- / 103.3	- / 103.3

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\*1: Without guide bar and saw chain. \*2: Measured in accordance with ISO 22867. Uncertainty(K)=1.3m/s²  
\*3: Measured in accordance with ISO 22868. Uncertainty(KpA)=1.5dB(A). \*4: Measured in accordance with ISO 22868. Uncertainty(KWA)=1.0dB(A).

## TRIMMERS/BUSHCUTTERS

	TRIMMERS/BUSHCUTTERS			
	SRM-2621TES		SRM-3021TES	
Configuration	EU			
Handle type	U	L	U	L
Engine displacement (cm³)	25.4	25.4	30.5	30.5
Output (kW / ps)	1.0 / 1.4	1.0 / 1.4	1.3 / 1.8	1.3 / 1.8
Dry weight* (kg)	5.7	5.6	6.0	5.8
Fuel tank capacity (mL)	600	600	710	710
Fuel consumption at maximum engine power (L/h)	0.61	0.61	0.72	0.72
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start
Drive shaft type	Solid	Solid	Solid	Solid
Drive shaft diameter (mm)	7.0	7.0	7.0	7.0
Main pipe diameter (mm)	25.0	25.0	25.0	25.0
Gear reduction ratio	2.07	2.07	1.62	1.62
Standardised nylon head	Type	SF400	SF400	SF400
	Item number	SF400/E1	SF400/E1	SF400/E1
Standardised metal blade	Type	-	-	-
	Item number	-	-	-
Vibration Left handle⁶ / Right handle (m/s)	Metal Blade	-	-	-
	Nylon head	4.6 / 4.6	5.4 / 3.0	3.9 / 2.6
Sound pressure level⁷ (dB(A)) Blade / Nylon head	- / 94.2	- / 93.1	- / 94.9	- / 94.9
Sound power level⁸ (dB(A)) Blade / Nylon head	- / 108.1	- / 107.7	- / 107.7	- / 107.0

## TRIMMERS/BUSHCUTTERS

	TRIMMERS/BUSHCUTTERS		
	SRM-3611T	SRM-420TES	SRM-520ES
Configuration	EU	EU	EU
Handle type	L	U	U
Engine displacement (cm³)	36.1	41.5	50.2
Output (kW / ps)	1.4 / 1.9	1.8 / 2.4	2.2 / 2.9
Dry weight* (kg)	6.1	8.7	9.0
Fuel tank capacity (mL)	850	690	690
Fuel consumption at maximum engine power (L/h)	0.92	1.05	1.23
Carburettor	Diaphragm	Diaphragm	Diaphragm
Start assist system	Decomp	ES-Start	ES-Start
Drive shaft type	Solid	Solid	Solid
Drive shaft diameter (mm)	7.0	8.0	8.0
Main pipe diameter (mm)	25.0	28.0	28.0
Gear reduction ratio	1.62	2.08	1.33
Standardised nylon head	Type	Z5 M10L	B6 M10L
	Item number	X047-000332	X047-001121
Standardised metal blade	Type	-	3-cutter metal blade
	Item number	-	P021-014320
Vibration² Left handle / Right handle (m/s)	Metal Blade	-	3.4 / 3.2
	Nylon head	5.8 / 3.9	4.5 / 3.4
Sound pressure level³ (dB(A)) Blade / Nylon head	- / 94.5	- / 96.6	98.2 / 97.6
Sound power level⁴ (dB(A)) Blade / Nylon head	- / 106.5	- / 110.3	113.2 / 111.6

## HEDGE TRIMMERS

	DOUBLE-SIDED HEDGE TRIMMERS			
	HC-2020	HC-2020R	HCR-165ES	HCR-185ES
Configuration	EU	EU	EU, RUS	EU, RUS
Engine displacement (cm³)	21.2	21.2	21.2	21.2
Output (kW / ps)	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8	0.58 / 0.79
Dry weight (kg)	4.6	4.6	5.1	5.3
Fuel tank capacity (mL)	390	390	390	390
Fuel consumption at maximum engine power (L/h)	0.44	0.44	0.40	0.40
Start assist system	-	-	ES-Start	ES-Start
Rotating handle	-	●	●	●
Anti-vibration system	-	-	●	●
Cutter type	Double	Double	Double	Double
Cutting length (mm)	534	534	639	744
Cutter pitch (mm)	35	35	35	35
Cutter clearance	Adjustable	Adjustable	Adjustable	Adjustable
Stroke rate (cuts/min)	3,600	3,600	3,600	3,600
Vibration levels¹ Front handle / Rear handle (m/s²)	6.4 / 9.7	6.7 / 6.8	3.6 / 4.8	3.9 / 4.8
Sound pressure level² (dB(A))	95.2	94.9	98.8	98.6
Sound power level³ (dB(A))	107.4	107.1	105.7	105.4

\*1: Unit without cutting attachment and shield. \*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(KpA)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head). \*4: Measured in accordance with ISO 22868. Uncertainty(KWA)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).

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# SPECIFICATIONS

Standard: ● Option: ◇

Standard: ● Option: ◇

## HEDGE TRIMMER

	LONG REACH HEDGE TRIMMERS
	HCA-2620ES-HD
Configuration	EU
Engine displacement (cm³)	25.4
Output (kW / ps)	1.0 / 1.4
Dry weight (kg)	6.5
Overall length (mm)	2440
Fuel tank capacity (mL)	600
Fuel consumption at maximum engine power (L/h)	0.61
Start assist system	ES-Start
Rotating handle	-
Anti-vibration system	-
Cutter type	Double
Cutting length (mm)	536
Cutter pitch (mm)	35
Cutter clearance	Adjustment-free
Stroke rate (cuts/min)	5,000
Vibration levels <sup>1</sup> Front handle / Rear handle (m/s²)	7.6 / 7.2
Sound pressure level <sup>2</sup> (dB(A))	96.6
Sound power level <sup>3</sup> (dB(A))	109.0

## POWER PRUNER®

	TELESCOPIC POWER PRUNERS®
	PPT-2620
Configuration	
Engine displacement (cm³)	25.4
Output (kW / ps)	1.0 / 1.4
Dry weight <sup>2</sup> (kg)	7.7
Overall length (mm)	2716-3704
Fuel tank capacity (mL)	600
Fuel consumption at maximum engine power (L/h)	0.61
Chain oil tank capacity (mL)	200
Start assist system	ES-Start
Telescoping shaft system	●
Optional extension shaft (feet)	4
Guide bar length (cm / inch)	25 / 10
Guide bar gauge (inch)	0.050
Saw chain pitch (inch)	3/8
Vibration <sup>1</sup> Left handle / Right handle (m/s)	4.3 / 4.5
Sound pressure level <sup>2</sup> (dB(A))	93.3
Sound power level <sup>3</sup> (dB(A))	107.6

## PROFESSIONAL BATTERY SERIES

	CHAINSAW	HANDHELD BLOWER	DOUBLE-SIDED HEDGE TRIMMER	TRIMMER			
	DCS-2500T	DCS-3500	DPB-2600	DHC-2200R	DSRM-2600/L	DSRM-2600/U	DPAS-2600
Rated Voltage (V)	50.4	50.4	50.4	50.4	50.4	50.4	50.4
Dry weight (kg)	1.7* <sup>1</sup>	2.8* <sup>1</sup>	2.5* <sup>4</sup>	2.9* <sup>4</sup>	3.2* <sup>7</sup>	3.7* <sup>2</sup>	2.4* <sup>7</sup>
Run Time (min)	Up to 30* <sup>6</sup>	Up to 49* <sup>7</sup>	Up to 20* <sup>7</sup>	Up to 96* <sup>6</sup>	Up to 43* <sup>7</sup>	Up to 43* <sup>7</sup>	-
Chain oil tank capacity (mL)	120	370	-	-	-	-	-
Saw chain pitch (inch)	3/8, 1/4	3/8	-	-	-	-	-
Guide bar gauge (inch)	0.050, 0.043	0.043	-	-	-	-	-
Applicable bar length (cm / inch)	20, 25 / 8.10	35 / 14	-	-	-	-	-
Nozzle Type	-	-	Round Straight	-	-	-	-
Air Volume (m³/h)	-	-	697 (798 on boost)	-	-	-	-
Blowing Force (N)	-	-	12.8 (16.7 on boost)	-	-	-	-
Max Air Speed (m/sec)	-	-	69.7 (79.5 on boost)	-	-	-	-
Cutter Type	-	-	-	Double	-	-	-
Cutting Length (mm)	-	-	-	562	-	-	-
Cutter Pitch (mm)	-	-	-	38	-	-	-
Drive Shaft Type	-	-	-	-	Solid	Solid	Flexible
Draft Shaft Diameter (mm)	-	-	-	-	7.0	7.0	6.1
Main Shaft Diameter (mm)	-	-	-	-	25.0	25.0	25.0
Gear Reduction Ratio	-	-	-	-	1.62	1.62	-

\*1: Without guide bar and saw chain. \*2: Measured in accordance with ISO 22867. Uncertainty(K)=1.3m/s²

\*3: Measured in accordance with ISO 22868. Uncertainty(KpA)=1.5dB(A). \*4: Measured in accordance with ISO 22868. Uncertainty(KWA)=1.0dB(A).

\*5: Unit without cutting attachment and shield. \*6: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s²(Metal Blade), 1.2m/s²(Nylon head).

\*7: Measured in accordance with ISO 22868. Uncertainty(KpA)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head). \*8: Measured in accordance with ISO 22868. Uncertainty(KWA)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).

\*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.

## PRO ATTACHMENT SERIES™

	PRO ATTACHMENT SERIES™
	PAS-2620ES
Configuration	EU
Engine displacement (cm³)	25.4
Output (kW / ps)	1.0 / 1.4
Dry weight <sup>1</sup> (kg)	4.8
Length <sup>1</sup> (mm)	1038
Start assist system	ES-Start
Fuel tank capacity (mL)	600
Fuel consumption at maximum engine power (L/h)	0.61

\*1: Unit without attachment

## ENGINE CUTTER

	ENGINE CUTTER
	CSG-7410ES
Configuration	EU, RUS
Engine displacement (cm³)	73.5
Output (kW / ps)	3.2 / 4.4
Dry weight <sup>1</sup> (kg)	10.7
Fuel tank capacity (mL)	700
Fuel consumption at maximum engine power (L/h)	2.1
Ignition system	CDI
Start-assist system	ES-Start Decomp
Applicable blade diameter (mm / inch)	350 / -
Installable size of blade inner diameter (mm)	20

\*1: Unit without cutting blade.

## POWER BLOWERS / SHRED 'N' VAC®

	HANDHELD BLOWERS		SHRED 'N' VAC®	BACKPACK BLOWERS		
	PB-2520	PB-2620	ES-250ES	PB-265ESLT	PB-760LN	PB-8010
Configuration	EU, RUS	EU	EU, RUS	EU	EU	EU
Engine displacement (cm³)	25.4	25.4	25.4	25.4	63.3	79.9
Maximum engine power (kW / ps)	0.9 / 1.2	0.9 / 1.2	0.7 / 1.0	0.70 / 0.95	1.94 / 2.64	4.2 / 5.7
Dry weight <sup>1</sup> (kg)	3.9	4.4	5.7	6.0	11.3	11.9
Fuel tank capacity (mL)	550	600	500	660	2020	2560
Fuel consumption at maximum engine power (L/h)	0.52	0.55	0.52	0.54	1.21	2.18
Air volume at actual usage point (m³/h) <sup>4</sup>	768* <sup>2</sup>	774* <sup>2</sup>	576* <sup>2</sup>	618* <sup>2</sup>	918* <sup>2</sup>	1819* <sup>2</sup>
Maximum air speed (m/sec) <sup>4</sup>	76.2* <sup>2</sup>	76.7* <sup>2</sup>	81.7* <sup>2</sup>	68.7* <sup>2</sup>	93.7* <sup>2</sup>	94.5* <sup>2</sup>
Start assist system	-	-	ES-Start	ES-Start	-	-
Throttle setting device	●	●	●	●	●	●
Standardised nozzle type	A	Round straight	Round straight	Vacuum	Round bent	Round straight
	B	-	Flat straight	Flat straight	-	-
Vacuum kit	-	-	●	-	-	-
Vibration levels (m/s²) <sup>5</sup> (Nozzle TypeA / Nozzle TypeB / Nozzle typeA:Rear handle)	9.9	6.6 / 7.1	8.3 / 9.0 / 5.0	1.3	2.8 / 1.9 / -	2.4 / - / -
Sound pressure levels (dB(A)) <sup>6</sup> (Nozzle type A / Nozzle type B)	94.9	93.5 / 93.4	93.8 / 89.0	90.4	98.8 / 98.2	106.6 / -
Sound power levels (dB(A)) <sup>6</sup> (Nozzle type A / Nozzle type B)	105.8	104.9 / 104.6	106.6 / 104.0	99.5	108.8 / 108.6	114.3 / -

\*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/OSHA B175.2.

\*5: Measured in accordance with EN15503. Uncertainty(K)=5.0m/s² (Handheld), 4.1m/s² (Vacuum), 1.7m/s² (Backpack).

\*6: Measured in accordance with EN15503. Uncertainty(KpA, KWA)=2.5dB(A).

# PRODUCT ICONS

### PROFESSIONAL SERIES

Professional battery series.

### 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.

### ADJUSTABLE CUTTER CLEARANCE

Cutter clearance is adjustable.

### U HANDLE

Model with U type handle.

### ROTATIONAL CONTROL

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

### ES-START

Spring-assisted starting system for easier starting.

### QUICK DRAW

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

### DIGITAL CONTROLLED CDI

Capacitor Discharge Ignition system for easy starting and smooth acceleration.

### 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.

### TWYND

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

### LOOP HANDLE

Model with loop type handle.

### AUTO CHOKE

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

### 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.

### HIGH TORQUE

High torque gear ratio for more efficient work.

### SIDE ACCESS CHAIN TENSIONER

Side access chain tensioner for quick chain adjustments.

### ROTATABLE HANDLE

Rotatable rear handle for comfortable operation in all positions.

### AUTOMATIC FAST IDLE

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



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