

# PRODUCT ICONS



## 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.



## 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.



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## YAMABIKO CORPORATION

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MASTER PRODUCT CATALOGUE 2019

# ECHO®



# MASTER PRODUCT CATALOGUE 2019

## DEPEND ON IT

# WELCOME

For over 70 years, we have been at the forefront of the industry. From our humble beginnings in Japan with a simple handheld crop duster, to creating the world's first ever blowers in 1975, ECHO has become a technological leader and well respected global brand.

Over the years, many power equipment brands have come and gone, but we have thrived. Why? Primarily because of our commitment to quality and because we provide our customers with the best products possible. All of our engines are designed to the same standard – commercial grade. We make no compromises. To ensure this commitment, we cast and machine every engine in Japan where quality and consistency are closely controlled. In order to gain manufacturing efficiencies, we assemble them at our various factories around the world to exactly the same standards.

At ECHO 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. Therefore, where others rush, we maintain our commitment to quality and the thorough methods that have made ECHO synonymous with dependability for decades.

With ECHO, you will always get a commercial-grade engine and long-term value. This is our brand promise. We appreciate your consideration of ECHO. Whether you are a contractor or a homeowner, you can always buy our products with confidence.



**Yoshiaki Nagao**  
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 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



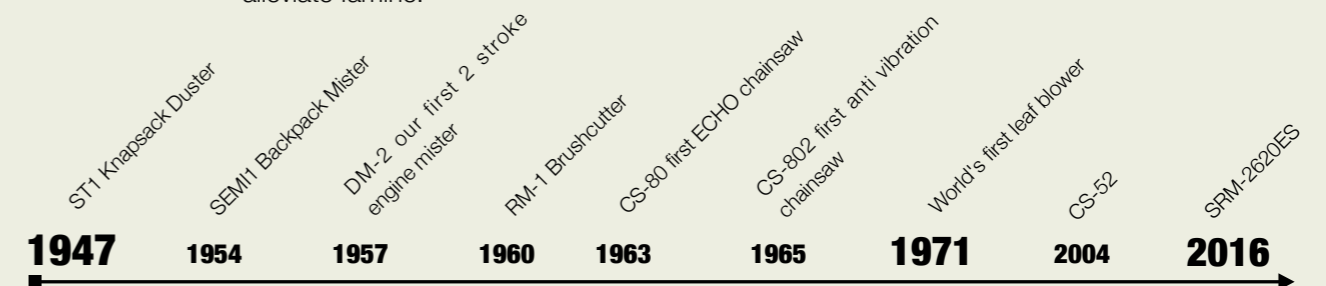
## 1947 OUR FIRST PRODUCT RELEASED



Following the Second World War, food shortages across Japan necessitated a huge improvement in agricultural processes. The hand-crank powered sprayer 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 chain saw. The ECHO CS-302 was exactly that, and at the time, rose to be the best selling chain saw 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.

## BATTERY POWER AND ROBOTICS

At ECHO, we move into new technologies only when we are absolutely sure they offer the quality and performance we are known for. Our battery ranges offer a number of advantages over their gas counterparts including reduced noise and weight, zero emissions and easier handling and maintenance. Advancements in digital and battery technology mean we are now able to offer our first fully automated robotic mower. A revolutionary new technology built from the knowledge and skill of over 70 years of producing tools you can depend on.





# 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.

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



SERIES

# THE ECHO X SERIES MODELS

## TRIMMERS & BRUSHCUTTERS



### SRM-2620ES SRM-2620TES

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.04kW / 1.41ps //  
Dry weight\*<sup>1</sup>: 5.6kg (SRM-2620ES/L), 5.8kg (SRM-2620ES/U)  
5.8kg (SRM-2620TES/L), 6.0kg (SRM-2620TES/U)



### SRM-3020TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.7ps //  
Dry weight\*<sup>1</sup>: 6.0kg (LOOP HANDLE), 6.3kg (U HANDLE)



### SRM-3610T

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.43kW / 1.94ps //  
Dry weight\*<sup>1</sup>: 6.3kg (LOOP HANDLE), 6.6kg (U HANDLE)



### SRM-420ES SRM-420TES

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.78kW / 2.42ps //  
Dry weight\*<sup>1</sup>: 7.8kg (SRM-420ES/L), 8.5kg (SRM-420ES/U), 8.0kg (SRM-420TES/L), 8.7kg (SRM-420TES/U)



### SRM-520ES

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



### RM-520ES Split boom shaft

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.16kW / 2.94ps //  
Dry weight\*<sup>1</sup>: 12.0kg



## ECHO X SERIES REDEFINING STANDARDS

When your work demands the absolute best tools on the market, demand the ECHO X Series. Industry leading in their respective categories with our best in class features giving performance that is unrivaled.

### BEST-IN-CLASS FEATURES

Each model has specific, best-in-class feature attributes that are designed to help green space professionals perform their jobs better in their respective applications. Features like light weight, increased power, vibration reduction and longer run times all contribute to getting one job done and moving on to the next. Superior work demands superior products and that's what you get from any of the X Series models.

### LOW WEIGHT AND HIGH POWER

ECHO X Series engines make this lineup exceptional. They offer a revolutionary combination of low weight and high power to reduce fatigue and job completion time.

### 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 minimize risk of engine troubles and prolong maintenance cycles.

\*1: Without cutting attachment and shield.

## CHAIN SAWS



**CS-2511TES**  
**CS-2511TES C**

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps // Dry weight<sup>1</sup>: 2.3kg // Bar size: 20, 25, 30cm / 8, 10, 12in, (CS-2511TES), 20, 25cm / 8, 10in (CS-2511TES C)



**CS-501SX**  
**CS-501SXH**

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps // Dry weight<sup>1</sup>: 4.7kg (CS-501SX), 4.9kg (CS-501SXH) // Bar size: 40, 45, 50cm / 16, 18, 20in



## SHAFTED HEDGE TRIMMERS

**NEW**



**HCA-2620ES-HD**  
**HCAS-2620ES-HD**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight: 6.5kg (HCA-2620ES-HD), 6.2kg (HCAS-2620ES-HD) // Cutting length: 536mm // Overall length: 2440mm (HCA-2620ES-HD), 1784mm (HCAS-2620ES-HD)



## BLOWERS



**PB-2620**

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.91kW / 1.24ps // Dry weight<sup>2</sup>: 4.4kg // Air volume<sup>3</sup>: 774m<sup>3</sup>/h // Max. air speed: 76.7m/sec



**PB-770**

Engine displacement: 63.3cm<sup>3</sup> // Output: 3.05kW / 4.15ps // Dry weight<sup>2</sup>: 11.0kg // Air volume<sup>3</sup>: 1290m<sup>3</sup>/h // Max. air speed: 104.6m/sec



## POWER PRUNER®



**PPT-2620ES**  
**PPT-2620HES**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight<sup>1</sup>: 7.9kg (PPT-2620ES), 7.7kg (PPT-2620HES) // Overall length: 2716-3704mm



## PRO ATTACHMENT SERIES™



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

\*1: Without guide bar and saw chain.\*2: Unit with standard blower or vacuum pipes. \*3: At actual usage point (measured with blower pipes).

# 50V PROFESSIONAL SERIES

# THE POWER OF ECHO

## WHY ECHO 50V SERIES?

ECHO only builds equipment to one standard - professional. It's in our DNA. We've put over 70 years of passion and expertise into a range of powerful battery products that share the same professional standards as their petrol stablemates, meaning the 50V Battery Series is ECHO through and through. Professional grade maintenance-free brushless motors across the range ensure long lasting performance. Every product we develop considers the environment it will be used in and the job it will be doing, with no compromise from design to manufacture.

### ECHO 50V BATTERY

#### 50V POWER FOR HEAVY DUTY PERFORMANCE

Our 50V system, using the latest Lithium-ion technology, provides high-density energy, compared to traditional heavier less powerful battery technology. We've put all of our expertise into our 50V Battery Series and have created a range of powerful tools fit for the professional.

#### DESIGNED TO MEET YOUR NEEDS

The ECHO Battery Series suits any job, big or small. The 2Ah battery is lightweight and comfortable, while the 4Ah battery offers extended run-times, meaning it works as hard as you do. The high capacity backpack battery with extremely longer run-time allows you to work efficiently in tough conditions. The rapid charger ensures the 2Ah battery is boosted to 80% capacity in just 24 minutes, the 4Ah in 48 minutes and the 16Ah backpack battery in 225 minutes – meaning you experience less down time and can focus on the job in hand.

#### ONE BATTERY FITS ALL SERIES

Our 2Ah, 4Ah and 16Ah backpack batteries are compatible with the entire ECHO 50V Battery Series. This means that even if you own more than one of our 50V Battery Series products, you only need to buy one battery – proving that one size really does fit all with ECHO.



## THE ECHO BRUSHLESS MOTOR

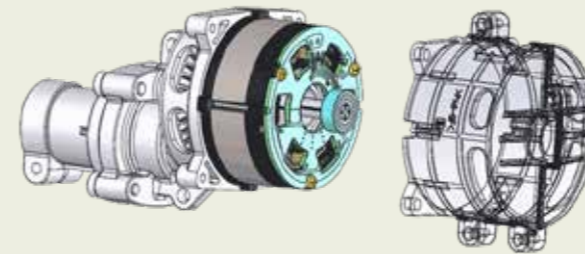
The ECHO brushless motor is a more efficient and reliable choice, making it perfect for a wide range of applications and giving you the confidence to get the job done.

#### WORK MORE EFFICIENTLY

Compared to a brushed motor, ECHO's motor has no brushes and no physical commutator. This gives a longer product life and maintenance-free operation, due to non-wear parts and no brush or commutator erosion. The high-performance magnet on the brushless motor creates high power density, resulting in a more powerful motor that's smaller in size.

#### DEPEND ON IT

With no contact or friction between brush and commutator, noise is reduced and there's no sparking during use. This allows quieter operation in noise-sensitive areas, and ensures it can be operated safely where sparking is hazardous - a garden, park, hospital or urban city. Running speed is precisely controlled through the drive circuit, giving highly efficient performance. This, combined with the current value detection system that protects against electrical overload, makes the ECHO brushless motor a safer, more efficient way of working.



## 50V SERIES WARRANTY

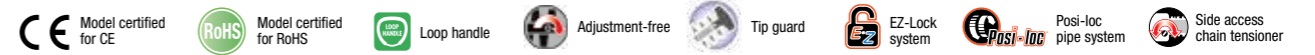
ECHO products are built to the highest standards of quality and performance, meaning you can have complete confidence in our tools. That's why we have a 2 year warranty on our batteries as well as industry leading 2 year and 5 year warranties on our tools. That's why you choose ECHO 50V Battery Series.



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



# 50V PROFESSIONAL SERIES



## CHAIN SAW DCS-1600

Rated voltage: 50.4V // Dry weight<sup>\*1</sup>: 3.1kg //  
Bar size: 35cm / 14in



## TRIMMER DSRM-300

Rated voltage: 50.4V // Dry weight<sup>\*2</sup>: 3.6kg



## HEDGE TRIMMER DHC-200

Rated Voltage: 50.4V // Dry weight<sup>\*3</sup>: 3.3kg //  
Cutting length: 624mm

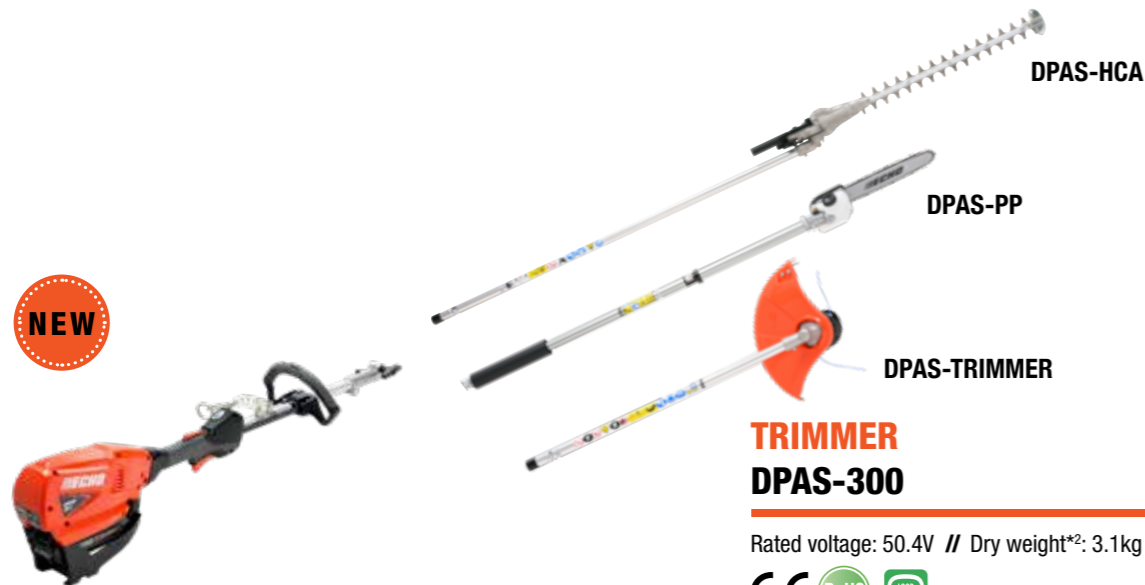


## BLOWER DPB-600

Rated voltage: 50.4V // Dry weight<sup>\*3</sup>: 3.2kg //  
Air volume: 648m<sup>3</sup>/h // Max air speed: 72.5m/sec



NEW



## TRIMMER DPAS-300

Rated voltage: 50.4V // Dry weight<sup>\*2</sup>: 3.1kg



# BATTERY & CHARGER



## 2Ah BATTERY LBP-560-100

Rated Voltage: 50.4V // Battery Type: Li-ion //  
Battery Capacity: 92Wh // Weight: 1.0kg



## 4Ah BATTERY LBP-560-200

Rated Voltage: 50.4V // Battery Type: Li-ion //  
Battery Capacity: 185Wh // Weight: 1.8kg



## 16Ah BACKPACK BATTERY LBP-560-900

Rated Voltage: 50.4V // Battery Type: Li-ion //  
Battery Capacity: 787Wh //  
Weight: 8.2kg (w/o harness), 9.4kg(w/ harness)



## CHARGER LCJQ-560

Battery charging time  
2Ah battery : 24min (80%), 42min(100%)  
4Ah battery : 48min (80%), 88min (100%)  
Backpack battery : 225min (80%), 336min (100%)

Fits all ECHO 50V Professional Series batteries.



## CHARGER LCJU-560

Battery charging time  
2Ah battery : 24min (80%), 42min(100%)  
4Ah battery : 22min (80%), 44min (100%)  
Backpack battery : 112min (80%), 168min (100%)

Fits all ECHO 50V Professional Series batteries.





# 58V PERFORMANCE SERIES THE POWER FOR ANY WORK

## WHY ECHO PERFORMANCE SERIES?

Maximising performance and minimising charge time, the 58V Performance Series brings you all the convenience of a lightweight, single battery system alongside professional grade performance. With charge times as low as 30 minutes and full compatibility across multiple tools, ECHO offers the most convenient solution to your workload. Whether you're mowing the lawn, pruning, hedge trimming, clearing debris or operating the chain saw you can depend on having enough power, no matter how heavy your workload.



## TRUST ECHO

### 100% PROFESSIONAL GRADE

ECHO only builds equipment to one standard - professional. This means that whether you opt for a gas or battery powered tool, you can always be assured that you have the right tool for the job. Professional grade maintenance-free brushless motors across the range ensure long lasting performance. Every product we develop considers the environment it will be used in and the job it will be doing, with no compromise from design to manufacture.

### BUY WITH CONFIDENCE

ECHO products are built to the highest standards of quality and performance, meaning you can have complete confidence in our tools. That's why we have a 2 year warranty on our batteries as well as 2 year and 1 year warranties on our tools. That's why you choose ECHO.



2 Year consumer / 1 Year commercial warranties not available in all markets. Check with your local dealer for details.



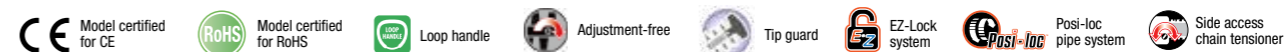
## PROFESSIONAL QUALITY WITH THE CONVENIENCE OF BATTERY

When there's lots that needs doing, you can rely on the Performance Series. With low noise, no emissions, low vibration and ease of use, you'll power through your tasks. We've focused on creating a system that offers the best possible balance between convenience, ease of use and professional performance. The tools feature robust construction and the precise build quality ECHO is known for. Brushless motors enhance efficiency, reduce maintenance and extend tool life. Our lithium-ion charger features innovative charging technology, with 30 minute or 1 hour charge times.



## ONE BATTERY, MULTIPLE TOOLS.

# 58V PERFORMANCE SERIES



NEW

## CHAIN SAW EC58V

Rated voltage: 51.1V // Dry weight<sup>\*1</sup>: 4.83kg //  
Bar size: 40cm / 16in



## TRIMMER EC58V

NEW

Rated voltage: 51.1V // Dry weight<sup>\*2</sup>: 3.7kg //



NEW

## HEDGE TRIMMER EC58V

Rated Voltage: 51.1V // Dry weight<sup>\*3</sup>: 4.3kg //  
Cutting length: 563mm



NEW

## BLOWER EC58V

Rated voltage: 51.1V // Dry weight<sup>\*3</sup>: 2.5kg //  
Air volume: 924m<sup>3</sup>/h // Max air speed: 63.9m/sec



NEW

## LAWN MOWER EC58V

Rated Voltage: 51.1V // Dry weight<sup>\*3</sup>: 24.5kg //



# BATTERY & CHARGER

NEW

## 2Ah BATTERY ECBP-58V2AH



Rated Voltage: 51.1V // Battery Type: Li-ion //  
Battery Capacity: 102Wh // Weight: 1.22kg



NEW

## 4Ah BATTERY ECBP-58V4AH



Rated Voltage: 51.1V // Battery Type: Li-ion //  
Battery Capacity: 204Wh // Weight: 1.81kg



NEW

## CHARGER ECBC-58V

Fits all ECHO 58V ECHO Performance Series batteries.



# MORE ELECTRIC PRODUCTS

## BATTERY POWERED PRUNING SHEARS

### CUTTING BLADES

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

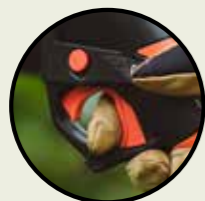
2 different sizes of cutting blades available.  
Standard: 35mm  
Option: 30mm

### TORQUE CONTROL

Cutting torque is controlled efficiently for fine cutting.

### ONE TOUCH BLADE ANGLE ADJUSTMENT

Blade opening angle can be adjusted with index finger.



**BACKPACK BATTERY HOLDER**  
Reduces operator fatigue during operation.



**NEW**

### DPS-350

Rated Voltage: 25.2V // Dry weight: 0.78kg //  
Cutting diameter: 350mm

## CORDED PRODUCTS

### CHAIN SAW CS-2000

Motor Power: 2000W // Voltage: 230V //  
Dry weight<sup>\*1</sup>: 3.97kg // Bar size: 35cm



### CHAIN SAW CS-1800 CS-2400

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



### TRIMMER EGT-350

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



### TRIMMER EGT-520

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



### HEDGE TRIMMER HCR-610

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



### HEDGE TRIMMER HC-560

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



\*1: Unit without guide bar and saw chain. \*2: Unit without cutting attachment and shield.

## WHY ECHO ROBOTICS SERIES?



### RESPECTS ENVIRONMENT

ECHO robotic mowers consume 90% less energy. They are also less noisy thanks to their electrical operation and provide an impressive reduction in CO2. Constant fertilisation of the ground reduces the need for chemical fertilisers. Grass grows strong thanks to better root growth.



### PERFECT LAWN

More frequent cutting combined with the finest mulching, results in a healthier, greener lawn. After four to six weeks of use, the difference is already significant: the grass becomes stronger and turns a richer green.



### SIMPLYFY YOUR LIFE

ECHO robotic mowers free you from mowing chores, leaving owners, gardeners and maintenance personnel more time for other tasks. No more waste collection, storage or disposal.



### 50% SAVINGS

No labour, no fuel, three times less energy, no waste disposal, no machine moving, very little maintenance, more time for you to spend on other tasks, less weed treatment and less watering.



This robotic breakthrough does all the work, ensuring range balls are constantly picked so that the range looks great and balls stay replenished all day, every day.

- Collects up to 12,000 balls per day
- Picks the range rain or shine, day and night
- Operates silently
- Works around your schedule for watering, maintenance, etc.

#### RP-1200 SPECIFICATIONS

Surface max*	20,000 m <sup>2</sup>
Hopper capacity (max per round)	350
Hopper capacity (max per day)**	12,000
Speed	3.6 km/h
Battery	Self-charging via charging station
Weight (with battery, without balls)	85 kg
Average annual consumption***	830 kWh
Dimensions (w x l x h)	1343 mm x 1176 mm x 542 mm

\*Maximum surface area may vary depending on the quality and layout of the terrain and the presence of obstacles.  
 \*\*Quantity of balls collected depends on the number of balls played and surface of the driving range.  
 \*\*\*Consumption may vary depending on the given conditions and use.

#### BALL MANAGEMENT SYSTEM COMPATIBILITY

Once the range picker is full, it returns to a discharge station. There the balls are emptied into your management system† in a matter of seconds.

† For ball management system options, see your ECHO Robotics distributor.



Image: TM2000

It's a self-driving, self-charging and — best of all — self-sufficient mower that works in tandem with the range picker to allow busy range managers to ensure their range is autonomously maintained.

- Cuts precisely for perfectly mowed turf
- Offers advanced automation, guidance and safety features
- Avoids pins, flags and other range obstacles with state-of-the-art sonar technology
- Constantly mows and finely mulches clippings to promote healthy turf
- Works around your schedule for watering, maintenance, etc.
- Remotely command and monitor mower's performance
- Patented discs protect blades and push balls aside to mow while balls are on the range

#### TM1000 & TM-2000 SPECIFICATIONS

	TM-1000	TM-2000
Surface max*	12,000 m <sup>2</sup>	24,000 m <sup>2</sup>
Speed	2.8 km/h	3.6 km/h
Battery	Self-charging	via charging station
Mowing width	633 mm	1033 mm
Weight (including batteries)	48 kg	71 kg
Average annual consumption**	580 kWh	830 kWh
Dimensions (w x l x h)	1000 mm x 1040mm x 460 mm	1278 mm x 1110 mm x 515 mm
Mowing height	20 mm - 100 mm	20 mm - 100 mm
Cutting heads	3 floating heads	5 floating heads
Blades	3 retractable and replaceable 2-inch blades per cutting head	

\*Mowing capacity and maximum surface area may vary depending on the quality and layout of the terrain and the presence of obstacles.  
 \*\*Consumption may vary depending on the given conditions and use.

# CHAIN SAWS

## OVERVIEW

From our first commercial chain saw in 1963 to the latest battery chain saw, ECHO has been at the forefront of producing and innovating professional quality tools you can rely on. Our chain saws have industry leading cutting performance and durability, with features including 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. So, whether you're cutting, pruning or felling, ECHO has a chain saw you can depend on.



### DCS-1600



# CHAIN SAWS 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: 20, 25, 30cm / 8, 10, 12in



Carving Bar

## CS-2511TES C

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps //  
Dry weight<sup>\*1</sup>: 2.3kg // Bar size: 20, 25cm / 8, 10in



## CS-3000

Engine displacement: 30.1cm<sup>3</sup> // Output: 1.04kW / 1.41ps //  
Dry weight<sup>\*1</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>\*1</sup>: 3.5kg // Bar size: 30, 35cm / 12, 14in



## CS-260TES

Engine displacement: 26.9cm<sup>3</sup> // Output: 0.91kW / 1.24ps //  
Dry weight<sup>\*1</sup>: 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<sup>\*1</sup>: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## CS-350TES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.46kW / 1.99ps //  
Dry weight<sup>\*1</sup>: 3.5kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-360TES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.62kW / 2.20ps //  
Dry weight<sup>\*1</sup>: 3.6kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-280TES

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps //  
Dry weight<sup>\*1</sup>: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



Carving Bar

## CS-280TES C

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



NEW

## CS-362TES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.50kW / 2.04ps //  
Dry weight<sup>\*1</sup>: 3.6kg // Bar size: 30, 35cm / 12, 14in



# CHAIN SAWS



## CS-281WES

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.09kW / 1.48ps // Dry weight<sup>\*1</sup>: 3.1kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## CS-350WES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.48kW / 2.01ps // Dry weight<sup>\*1</sup>: 3.6kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-353ES

Engine displacement: 34.0cm<sup>3</sup> // Output: 1.59kW / 2.16ps // Dry weight<sup>\*1</sup>: 4.0kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-3700ES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.50kW / 2.04ps // Dry weight<sup>\*1</sup>: 4.4kg // Bar size: 40cm / 16in (0.050 gauge) 33, 38cm / 13, 15in (0.058 gauge)



## CS-362WES

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.49kW / 2.03ps // Dry weight<sup>\*1</sup>: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## 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-370ES

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.42kW / 1.93ps // Dry weight<sup>\*1</sup>: 4.6kg // Bar size: 33, 38cm / 13, 15in (0.058 gauge) 35, 40cm / 14, 16in (0.050 gauge)



## CS-390ESX

Engine displacement: 38.4cm<sup>3</sup> // Output: 1.90kW / 2.58ps // Dry weight<sup>\*1</sup>: 4.5kg // Bar size: 33, 38cm / 13, 15in



## CS-352ES

Engine displacement: 34.0cm<sup>3</sup> // Output: 1.31kW / 1.78ps // Dry weight<sup>\*1</sup>: 4.0kg // Bar size: 30, 35cm / 12, 14in





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High quality, hard working with renowned Japanese build standards. Your chain saw, your effort, your success.





# CHAIN SAWS



## CS-4200ES

Engine displacement: 39.6cm<sup>3</sup> // Output: 1.89kW / 2.57ps //  
 Dry weight<sup>\*1</sup>: 4.44kg // Bar size: 40cm / 16in (0.050 gauge)  
 33, 38, 45cm / 13, 15, 18in (0.058 gauge)



## CS-420ES

Engine displacement: 40.2cm<sup>3</sup> // Output: 1.6kW / 2.18ps //  
 Dry weight<sup>\*1</sup>: 4.6kg // Bar size: 38, 45cm / 15, 18in



## CS-452ESX

Engine displacement: 45.1cm<sup>3</sup> // Output: 2.26kW / 3.07ps //  
 Dry weight<sup>\*1</sup>: 4.6kg // Bar size: 38cm / 15in



## CS-510

Engine displacement: 49.3cm<sup>3</sup> // Output: 2.6kW / 3.54ps //  
 Dry weight<sup>\*1</sup>: 5.1kg // Bar size: 38, 45, 50cm / 15, 18, 20in



## CS-420EMS

Engine displacement: 40.2cm<sup>3</sup> // Output: 1.6kW / 2.18ps //  
 Dry weight<sup>\*1</sup>: 4.6kg // Bar size: 38, 45cm / 15, 18in



## CS-421ES

Engine displacement: 40.2cm<sup>3</sup> // Output: 1.82kW / 2.47ps //  
 Dry weight<sup>\*1</sup>: 4.6kg // Bar size: 38, 43, 45cm / 15, 17, 18in



## CS-525

Engine displacement: 49.3cm<sup>3</sup> // Output: 2.6kW / 3.54ps //  
 Dry weight<sup>\*1</sup>: 5.1kg // Bar size: 38, 45, 50cm / 15, 18, 20in



## CS-490ES

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.14kW / 2.91ps //  
 Dry weight<sup>\*1</sup>: 4.8kg // Bar size: 38, 45, 50cm / 15, 18, 20in



## CS-450

Engine displacement: 45.0cm<sup>3</sup> // Output: 1.9kW / 2.58ps //  
 Dry weight<sup>\*1</sup>: 5.0kg // Bar size: 38, 45, 50cm / 15, 18, 20in



## CS-4510ES

Engine displacement: 45.0cm<sup>3</sup> // Output: 2.3kW / 3.1ps //  
 Dry weight<sup>\*1</sup>: 5.0kg // Bar size: 33, 38, 45, 50cm / 13, 15, 18, 20in



## CS-501SX

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

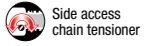


## CS-501SXH WITH HEATED HANDLE

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



# CHAIN SAWS



## CS-590

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.0kW / 4.08ps //  
Dry weight<sup>\*1</sup>: 6.0kg // Bar size: 40, 45, 50, 60cm / 16, 18, 20, 24in



## CS-600S

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.0kW / 4.08ps //  
Dry weight<sup>\*1</sup>: 6.1kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



## CS-8002

Engine displacement: 80.7cm<sup>3</sup> // Output: 3.93kW / 5.34ps //  
Dry weight<sup>\*1</sup>: 7.6kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



## CS-1201

Engine displacement: 116.3cm<sup>3</sup> // Output: 5.1kW / 6.94ps //  
Dry weight<sup>\*1</sup>: 10.6kg // Bar size: 83, 90cm / 33, 36in



# ELECTRIC CHAIN SAWS



## CS-620SX

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.32kW / 4.52ps //  
Dry weight<sup>\*1</sup>: 6.2kg // Bar size: 45, 50, 60cm / 18, 20, 24in



## CS-680S

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



## DCS-1600

Rated voltage: 50.4V // Dry weight<sup>\*2</sup>: 3.1kg //  
Bar size: 35cm / 14in



## ECCS-58V

Rated voltage: 51.1V // Dry weight<sup>\*1</sup>: 4.83kg //  
Bar size: 40cm / 16in



## CS-2000

Motor Power: 2000W // Voltage: 230V //  
Dry weight<sup>\*1</sup>: 3.97kg // Bar size: 35cm



## CS-1800 CS-2400

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



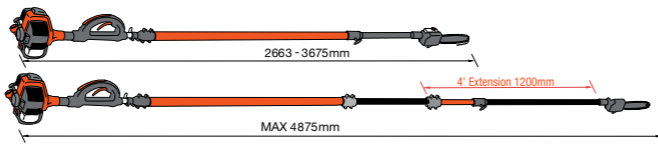
# POWER PRUNERS® TELESCOPIC

 Model certified for CE
  ES-Start
  Digital controlled CDI
  Side access chain tensioner
  Heavy duty air filter



## PPT-236ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps  
 Dry weight<sup>\*1</sup>: 7.7kg // Overall length: 2663-3675mm



# POWER PRUNERS® FIXED



## PPF-236ES

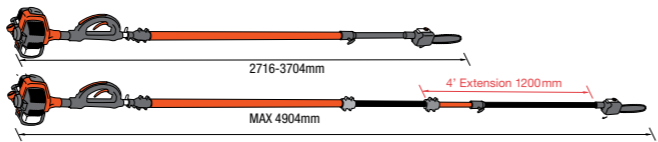
Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps  
 Dry weight<sup>\*1</sup>: 5.8kg // Overall length: 2400mm



## PPT-2620ES

**NEW**

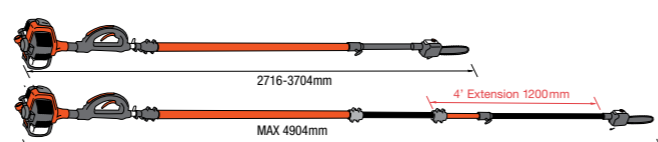
Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps  
 Dry weight<sup>\*1</sup>: 7.9kg // Overall length: 2716-3704mm



## PPT-2620HES

**NEW**

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

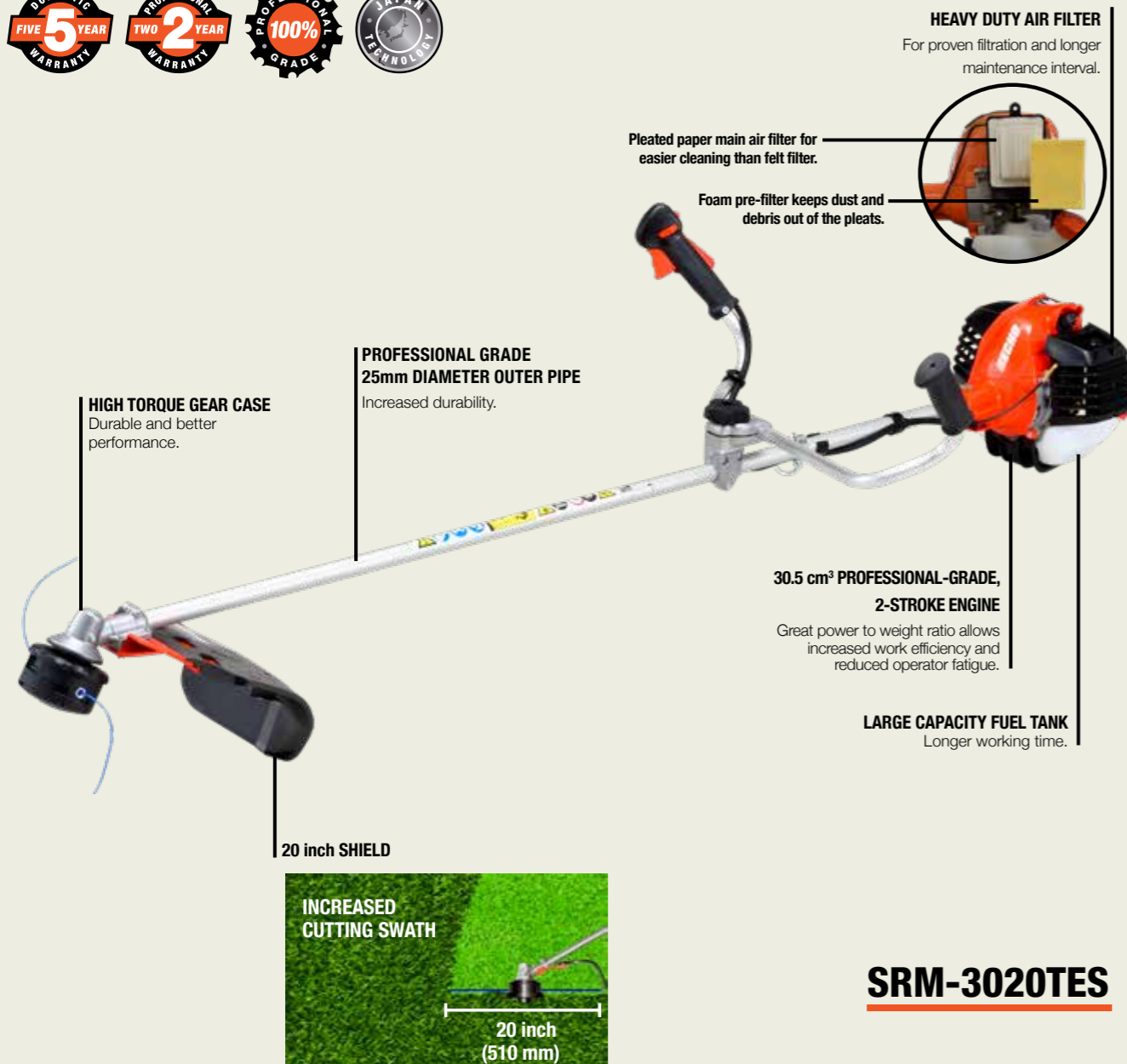


Accessories on page 80

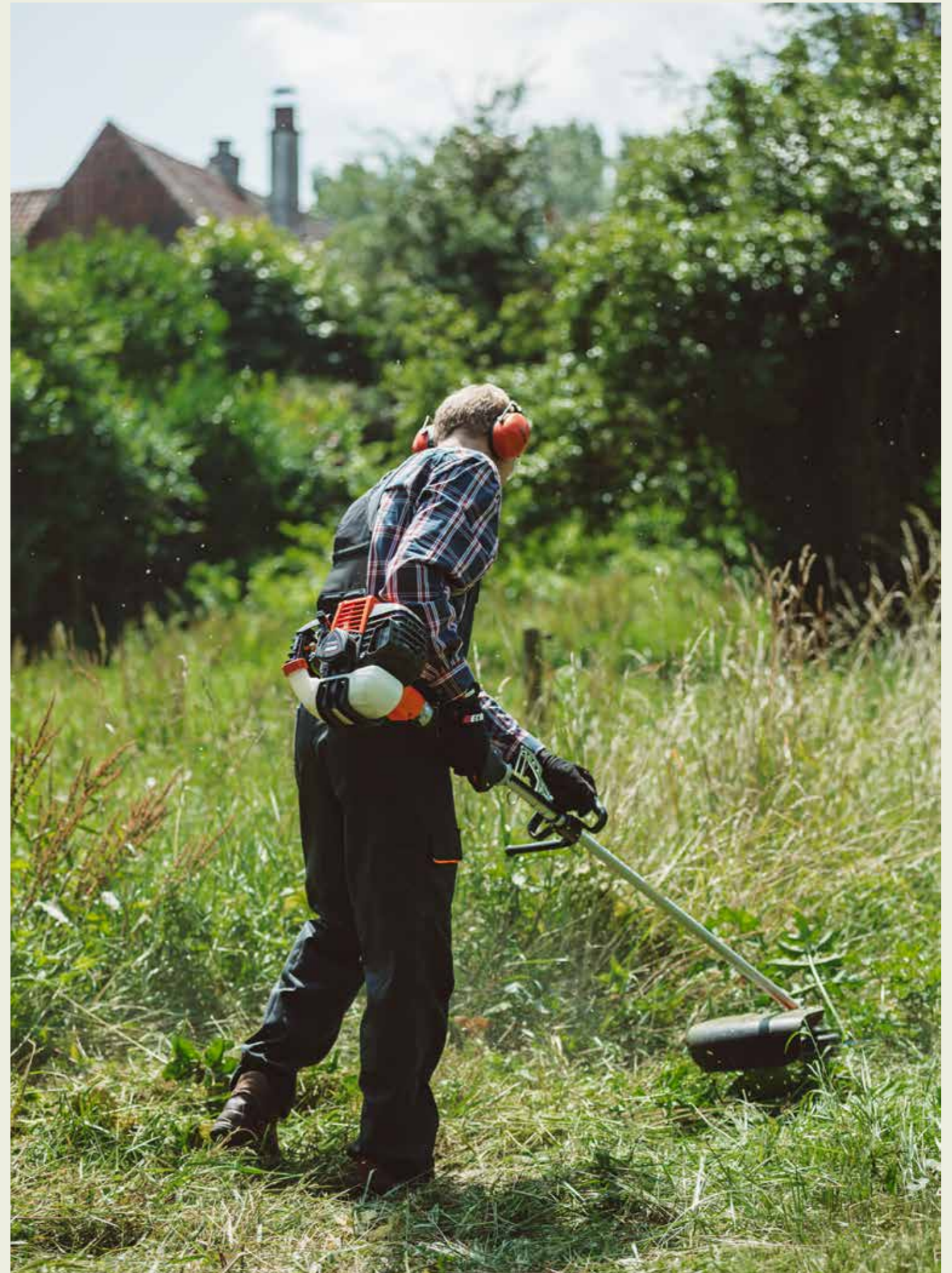
\*1: Without guide bar and saw chain.

# 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.



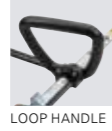
**SRM-3020TES**



# TRIMMERS & BRUSHCUTTERS



**SRM-22GES**



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.67kW / 0.91ps //  
Dry weight<sup>\*1</sup>: 4.8kg (LOOP HANDLE), 4.8kg (U HANDLE)



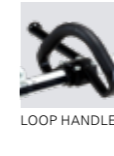
**SRM-22GES-SB**

Split-boom shaft

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.67kW / 0.91ps //  
Dry weight<sup>\*1</sup>: 4.7kg



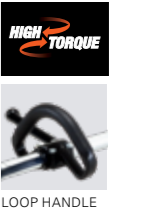
**SRM-2620ES**



Engine displacement: 25.4cm<sup>3</sup> // Output: 1.04kW / 1.41ps //  
Dry weight<sup>\*1</sup>: 5.6kg (LOOP HANDLE), 5.8kg (U HANDLE)



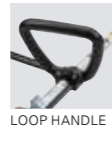
**SRM-2620TES**



Engine displacement: 25.4cm<sup>3</sup> // Output: 1.04kW / 1.41ps //  
Dry weight<sup>\*1</sup>: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE)



**SRM-222ES**



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps //  
Dry weight<sup>\*1</sup>: 4.7kg (LOOP HANDLE), 4.9kg (U HANDLE)



**SRM-2305SI**

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.57kW / 0.77ps //  
Dry weight<sup>\*1</sup>: 5.7kg



**SRM-265**



Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps //  
Dry weight<sup>\*1</sup>: 5.3kg (LOOP HANDLE), 5.8kg (U HANDLE)



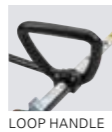
**SRM-265TES**



Engine displacement: 25.4cm<sup>3</sup> // Output: 0.89kW / 1.21ps //  
Dry weight<sup>\*1</sup>: 6.1kg



**SRM-236 SRM-236ES**



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps //  
Dry weight<sup>\*1</sup>: 5.0kg (SRM-236/L), 5.7kg (SRM-236/U),  
4.9kg (SRM-236ES/L), 5.6kg (SRM-236ES/U)



**SRM-236TES**



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps //  
Dry weight<sup>\*1</sup>: 5.1kg (LOOP HANDLE), 5.6kg (U HANDLE)

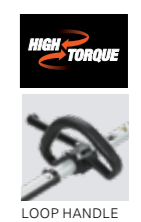


**SRM-2655SI**

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.77kW / 1.05ps //  
Dry weight<sup>\*1</sup>: 5.9kg



**SRM-300TES**



Engine displacement: 28.1cm<sup>3</sup> // Output: 0.9kW / 1.2ps //  
Dry weight<sup>\*1</sup>: 5.8kg (LOOP HANDLE), 5.9kg (U HANDLE)



# TRIMMERS & BRUSHCUTTERS

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

**NEW**



**HIGH TORQUE**



LOOP HANDLE

## SRM-3020TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.7ps //  
Dry weight<sup>\*1</sup>: 6.0kg (LOOP HANDLE), 6.3kg (U HANDLE)



## SRM-420ES

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.78kW / 2.42ps //  
Dry weight<sup>\*1</sup>: 7.8kg (LOOP HANDLE), 8.5kg (U HANDLE)



LOOP HANDLE



## SRM-420TES

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.78kW / 2.42ps //  
Dry weight<sup>\*1</sup>: 8.0kg (LOOP HANDLE), 8.7kg (U HANDLE)



**HIGH TORQUE**



LOOP HANDLE



## SRM-330ES

Engine displacement: 30.5cm<sup>3</sup> // Output: 0.90kW / 1.22ps //  
Dry weight<sup>\*1</sup>: 7.1kg



## SRM-335TES

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.04kW / 1.41ps //  
Dry weight<sup>\*1</sup>: 6.8kg



**HIGH TORQUE**



## SRM-4300R

Engine displacement: 42.7cm<sup>3</sup> // Output: 1.51kW / 2.05ps //  
Dry weight<sup>\*1</sup>: 7.9kg



## SRM-4605

Engine displacement: 45.7cm<sup>3</sup> // Output: 1.8kW / 2.5ps //  
Dry weight<sup>\*1</sup>: 7.9kg



**HIGH TORQUE**



LOOP HANDLE

## SRM-3610T

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.43kW / 1.94ps //  
Dry weight<sup>\*1</sup>: 6.3kg (LOOP HANDLE), 6.6kg (U HANDLE)



## SRM-420ES-LW

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.78kW / 2.42ps //  
Dry weight<sup>\*1</sup>: 8.2kg



## SRM-520ES

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



## BCLS-580

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.42kW / 3.29ps //  
Dry weight<sup>\*1</sup>: 10.4kg





## TRUST YOUR INSTINCTS.

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A tool that works with you. A tool that can be trusted and relied on, whatever the conditions.

ECHO brushcutters are built to the highest standards, giving you the assurance you need to tackle the toughest tasks. Their ergonomic design allows you to work more efficiently, so days seem shorter and hard jobs easier.

So whether landscaping, clearing or trimming, make sure there's an ECHO power tool by your side.



# CLEARING SAW



## CLS-5800

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.42kW / 3.29ps //  
Dry weight<sup>\*1</sup>: 10.2kg



# TRIMMERS CURVED SHAFT



## GT-22GES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.67kW / 0.91ps //  
Dry weight<sup>\*1</sup>: 4.1kg



## GT-222ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps //  
Dry weight<sup>\*1</sup>: 4.3kg



# BRUSHCUTTERS BACKPACK



## RM-315 RM-315SI

Engine displacement: 30.5cm<sup>3</sup> // Output: 0.93kW / 1.26ps //  
Dry weight<sup>\*1</sup>: 9.7kg (RM-315), 10.1kg (RM-315SI)



## RM-4300K-SI RM-4300KS-SI Split-boom shaft

Engine displacement: 42.7cm<sup>3</sup> // Output: 1.52kW // 2.07ps  
Dry weight<sup>\*1</sup>: 10.3kg (RM-4300K-SI), 10.5kg (RM-4300KS-SI)



## RM-520ES Split boom shaft

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.16kW / 2.94ps //  
Dry weight<sup>\*1</sup>: 12.0kg



# ELECTRIC TRIMMER



## DSRM-300

Rated voltage: 50.4V // Dry weight<sup>\*2</sup>: 3.6kg



## ECDST-58V

Rated voltage: 51.1V // Dry weight<sup>\*2</sup>: 3.7kg //



## EGT-350

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



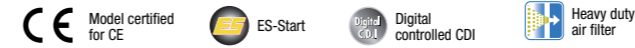
## EGT-520

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





# PRO ATTACHMENT SERIES™



**NEW**

## 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



## ATTACHMENT SPECIFICATIONS

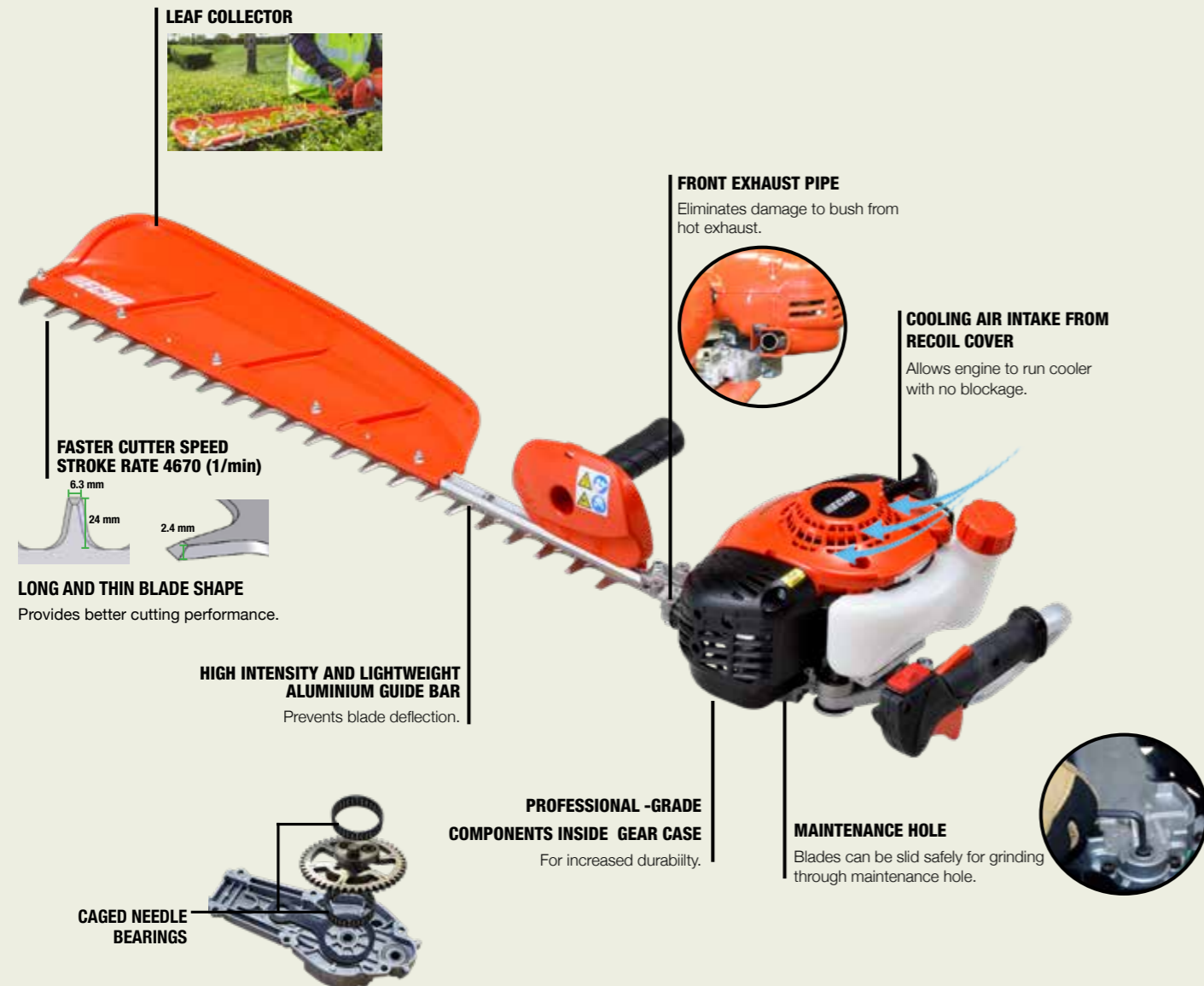
	Trimmer/ Brushcutter	Hedge Trimmer		Power Pruner <sup>®</sup>	Tiller Cultivator	Edger	ProSweep™	Blower	Extension
	MTA-TB	MTA-AHS-HD	MTA-AH-HD	MTA-PP/E	MTA-TC	MTA-LE/E	MTA-PS	MTA-PB	MTA-3EXT
Dry weight (kg)	1.5 <sup>*2</sup>	2.1	2.6	1.8 <sup>*3</sup>	2.3	2.4 <sup>*5</sup>	5.3	1.8	1.2
Length (mm)	815 <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 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.



**HCS-3210ES**



# HEDGE TRIMMERS **DOUBLE-SIDED**



## HC-1501

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.58kW / 0.79ps // Dry weight: 4.9kg // Cutting length: 499mm



## HC-156

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.58kW / 0.79ps // Dry weight: 5.1kg // Cutting length: 639mm



## HCR-1501

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.58kW / 0.79ps // Dry weight: 5.1kg // Cutting length: 499mm



## HCR-165ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.58kW / 0.79ps // Dry weight: 5.1kg // Cutting length: 639mm



## HCR-185ES

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.58kW / 0.79ps // Dry weight: 5.3kg // Cutting length: 744mm



## HC-2810ESR

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.57kW / 0.78ps // Dry weight: 5.2kg // Cutting length: 624mm



# HEDGE TRIMMERS **SINGLE-SIDED**



NEW

## HCS-2810ES

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



NEW

## HCS-3210ES

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



NEW

## HCS-3810ES

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



## HC-331ES

Engine displacement: 23.6cm<sup>3</sup> // Output: 0.66kW / 0.90ps // Dry weight: 5.8kg // Cutting length: 728mm



Accessories on page 78

# HEDGE TRIMMERS **SHAFTED**



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

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps //  
Dry weight: 5.9kg // Cutting length: 519mm // Overall length: 1749mm



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

**NEW**

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



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

**NEW**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight: 6.2kg // Cutting length: 536mm // Overall length: 1784mm



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

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.71kW / 0.97ps //  
Dry weight: 6.2kg // Cutting length: 519mm // Overall length: 2407mm



## **LONG REACH** **HCA-265ES-LW**

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.89kW / 1.21ps //  
Dry weight: 6.5kg // Cutting length: 519mm // Overall length: 2418mm



## ELECTRIC HEDGE TRIMMERS



## **DHC-200**

Rated Voltage: 50.4V // Dry weight<sup>\*1</sup>: 3.3kg //  
Cutting length: 624mm



## **ECHT-58V**

Rated Voltage: 51.1V // Dry weight<sup>\*1</sup>: 4.3kg //  
Cutting length: 563mm



## **HCR-610**

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



## **HC-560**

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



# 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.

### **PB-2620**



# BLOWERS HANDHELD



Vacuum Capable

## PB-2155

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.50kW / 0.68ps //  
 Dry weight<sup>\*1</sup>: 4.1kg // Air volume<sup>\*2</sup>: 420m<sup>3</sup>/h //  
 Max. air speed: 60m/sec



## PB-2520

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.91kW / 1.24ps //  
 Dry weight<sup>\*1</sup>: 3.9kg // Air volume<sup>\*2</sup>: 768m<sup>3</sup>/h //  
 Max. air speed: 76.2m/sec



NEW

## PB-2620

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.91kW / 1.24ps //  
 Dry weight<sup>\*1</sup>: 4.4kg // Air volume<sup>\*2</sup>: 774m<sup>3</sup>/h //  
 Max. air speed: 76.7m/sec



Vacuum Capable

## PB-255ES

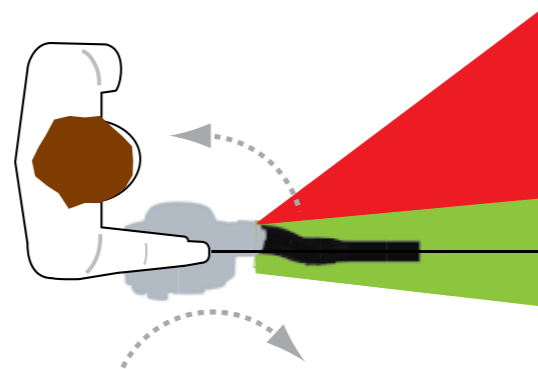
Engine displacement: 25.4cm<sup>3</sup> // Output: 0.79kW / 1.07ps //  
 Dry weight<sup>\*1</sup>: 4.8kg // Air volume<sup>\*2</sup>: 600m<sup>3</sup>/h //  
 Max. air speed: 85.3m/sec



EZ-lock

## 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®



## ES-2100

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.50kW / 0.68ps // Dry weight<sup>\*1</sup>: 5.5kg // Air volume<sup>\*3</sup>: 420m<sup>3</sup>/h //  
 Max. air speed: 60.0m/sec



## ES-250ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.72kW / 0.98ps // Dry weight<sup>\*1</sup>: 5.7kg // Air volume<sup>\*3</sup>: 576m<sup>3</sup>/h //  
 Max. air speed: 81.7m/sec



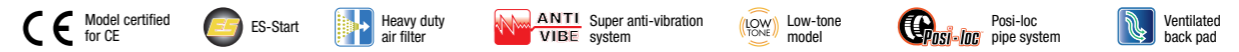
## ES-255ES

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.79kW / 1.07ps // Dry weight<sup>\*1</sup>: 5.8kg // Air volume<sup>\*3</sup>: 600m<sup>3</sup>/h //  
 Max. air speed: 84.9m/sec



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

# BLOWERS BACKPACK



## ELECTRIC BLOWERS



### DPB-600

Rated voltage: 50.4V // Dry weight<sup>4</sup>: 3.2kg //  
Air volume: 648m<sup>3</sup>/h // Max air speed: 72.5m/sec



### ECPLB-58V

Rated voltage: 51.1V // Dry weight<sup>4</sup>: 2.5kg //  
Air volume: 924m<sup>3</sup>/h // Max air speed: 63.9m/sec



### 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-580

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.05kW / 2.79ps //  
Dry weight<sup>1</sup>: 10.3kg // Air volume<sup>2</sup>: 882m<sup>3</sup>/h //  
Max. air speed: 96.4m/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

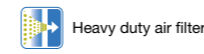


### PB-770

Engine displacement: 63.3cm<sup>3</sup> // Output: 3.05kW / 4.15ps //  
Dry weight<sup>1</sup>: 11.0kg // Air volume<sup>2</sup>: 1290m<sup>3</sup>/h //  
Max. air speed: 104.6m/sec



# DUSTER / GRANULE SPREADER / MIST BLOWERS



## DUSTER / GRANULE SPREADER DMC-800-26

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.87kW / 3.90ps //  
Dry weight<sup>1</sup>: 11.1kg // Chemical tank capacity : 26.0L



## DUSTER / MIST BLOWER DM-6110

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.50kW / 3.40ps // Dry  
weight<sup>1</sup>: 11.2kg // Chemical tank capacity: 23.0L



# POWER SPRAYERS



## SHP-2110

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps //  
Chemical tank capacity: 25L // Dry weight<sup>2</sup>: 10.1kg



## SHP-800 SHP-800S

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps // Chemical  
tank capacity: 25L // Dry weight<sup>2</sup>: 9.0kg (SHP-800), 9.4kg (SHP-800S)



## SHP-800BS

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Chemical tank capacity: 25L // Dry weight<sup>2</sup>: 9.5kg



## SHP-800-2

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Chemical tank capacity: 25L // Dry weight<sup>2</sup>: 9.0kg



## MIST BLOWER MB-580

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.50kW / 3.40ps //  
Dry weight<sup>1</sup>: 11.4kg // Chemical tank capacity: 20.0L



\*Photo: Used with optional attachment.

Accessories on page 80

Accessories on page 81



# ENGINE CUTTERS



Quick and easy semi-automatic belt tension-adjusting system for superior power transfer to blade.

## OPTIONS



**WATER TANK KIT**  
Item# C1200203

**CSG CART**  
Item# C1200200 (Water tank included)

## ENGINE CUTTER CSG-680

Cutting blade not included

Engine displacement: 66.8cm<sup>3</sup> // Output: 3.0kW / 4.08ps //  
Dry weight<sup>\*1</sup>: 11.5kg // Applicable blade diameter: 355mm / 14in



**NEW**

## 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 DRILL / EARTH AUGER



## ENGINE DRILL EDR-2400

Engine displacement: 23.6cm<sup>3</sup> // Output: 0.68kW / 0.92ps //  
Dry weight<sup>\*2</sup>: 4.7kg // Gear reduction ratio: 17.1 (18.6 reverse)



## EARTH AUGER EA-410

Auger not included.

Engine displacement: 42.7cm<sup>3</sup> // Output: 1.68kW / 2.28ps //  
Dry weight<sup>\*3</sup>: 9.8kg // Gear reduction ratio: 30.2



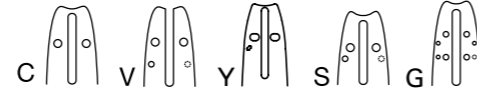
Engine drill accessories on page 81 and Earth auger accessories on page 82

\*1: Unit without cutting blade. \*2: Unit without drill. \*3: Unit without auger attachment and tank.

# 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.



\*Y mount guide bar can also be used on Mount type V models.

Model	Gauge (in)	Pitch (in)	GUIDE BAR				SAW CHAIN						
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Oregon type	Part number	Carlton type	
CS-2511TES	0.050	3/8	20	C	C20S91-35SA- ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	N1C-BL	
			25		C25S91-40SL- ET	X121-000003			40		X221-000100		
			30		C30S91-47ML- ET	X122-000073			47		X222-000140		
CS-2511TES C	0.043	1/4	20	C	C20HA4-52CL- ED	X100-000070	Solid	Hard	52	25AP	X200-000020	-	
			25		C25HA4-60CL- ED	X101-000210			60		X201-000020		
	20		C20H25-52CL- ED		X100-000060	52			X200-000000				
	25		C25H25-60CLD ED		X101-000200	60			431610-10030				
CS-260TES	0.050	3/8	20	C	C20S91-35SA- ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	N1C-BL	
			25		C25S91-40SL- ET	X121-000003			40		X221-000100		
			30		C30S91-47ML- ET	X122-000073			47		X222-000140		
CS-280T CS-280TES	0.050	3/8	20	C	C20S91-35SA- ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	N1C-BL	
			25		C25S91-40SL- ET	X121-000003			40		X221-000100		
			30		C30S91-47ML- ET	X122-000073			47		X222-000140		
CS-280TES C	0.050	1/4	25	C	C25H25-60CL- ET	X101-000011	Laminate	Hard	60	25AP	431610-10030	-	
					C25L25-60CA- ED	X101-000171							
CS-3000	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- ET	X123-000133			53		X223-000130		
CS-303T	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- ET	X123-000133			53		X223-000130		
CS-350TES	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- ET	X123-000133			53		X223-000130		
CS-360TES (RUS)	0.05	3/8	30		C30S91-47ML- EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
CS-362TES	0.050	3/8	30	C	C30S91-47ML- EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- EC	X123-000551			53		X223-000130		
	0.050	1/4	30		C30H25-68CL- ED	X102-000071	Solid	Hard	68	25AP	431611-10030	-	
CS-281WES	0.050	3/8	20	C	C20S91-35SA- ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	N1C-BL	
			25		C25S91-40SL- ET	X121-000003			40		X221-000100		
CS-350WES	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			35		C35S91-53AL- ET	430219-38733			53		91PX		X223-000130
					C35S91-53ML- ET	X123-000133			53		91PX		X223-000130
					C40S91-58AA- ET	430211-13433			58		91VXL		X224-000070
CS-361WES/ CS-362WES	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
					C35S91-53AL- ET	430219-38733			53		91VXL		X223-000080
					C35S91-53ML- ET	X123-000133			53		91PX		X223-000130
					C40S91-58AA- ET	430211-13433			58		91VXL		X223-000080
CS-361WES/ CS-362WES	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
					C35S91-53AL- ET	430219-38733			53		91VXL		X223-000080
					C35S91-53ML- ET	X123-000133			53		91PX		X223-000130
					C40S91-58AA- ET	430211-13433			58		91VXL		X224-000070

Model	Gauge (in)	Pitch (in)	GUIDE BAR				SAW CHAIN							
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Oregon type	Part number	Carlton type		
CS-362WES	0.050	1/4	30	C	C30H25-68CL- ED	X102-000071	Solid	Hard	68	25AP	431611-10030	-		
			35		C35H25-76CL- ET	X103-000111			76		25AP		431612-10030	
									25A		X203-000000			
CS-310ES	0.043	3/8	30	C	C30S90-45SA- ET	X122-000181	Laminate	Sprocket	45	90PX	90PX45E	NC4-BL		
			35		C35S90-52SA- ET	X123-000231			52		X223-000150			
	0.050		30		C30S91-47ML- ET	X122-000073			47		91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- ET	X123-000133			53		91VXL	X223-000130	N1C-BL	
CS-352ES	0.043	3/8	30	C	C30S90-45SA- ET	X122-000181	Laminate	Sprocket	45	90PX	90PX-45E	NC4-BL		
			35		C35S90-52SA- ET	X123-000231			52		X223000-150			
	0.050		30		C30S91-47ML- ET	X122-000073			47		91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- ET	X123-000133			53		91VXL	X223-000080		
CS-353ES (RUS)	0.050	3/8	35	C	C35S91-52SL- EC	X123-000531	Laminate	Sprocket	52	91VXL	X223-000090	N1C-BL		
CS-353ES (BASIC)	0.050	3/8	35	C	C35S91-53ML- ET	X123-000133	Laminate	Sprocket	53	91VXL	X223-000080	N1C-BL		
CS-353ES (KOR)	0.050	3/8	40	C	C40S91-58AA- ET	430211-13433	Laminate	Sprocket	58	91VXL	X224-000030	N1C-BL		
CS-3700ES (RUS)	0.050	0.325	40	C	C40S20-66AA- ET	430511-17833	Laminate	Sprocket	66	95TXL	X243-000090			
CS-370ES	0.050	3/8	35	C	C35S91-53ML- ET	X123-000133	Laminate	Sprocket	53	91VXL	X223-000080	N1C-BL		
			40		C40S91-58AA- ET	430211-13433			58		X224-000030			
	0.058		33		C33S21-56AA- ET	430513-16634			56		21BPX	431713-30231	K2L	
			38		C38S21-64AA- ET	430521-37334			64		21BPX	431721-30231		
CS-390ESX (EU)	0.050	0.325	33	V	Y33S20-56ML- ED	X122-000410	Laminate	Sprocket	56	95TXL	X242-000010	-		
CS-390ESX (RUS)	0.050	0.325	38	V	V38S20-64MA- ED	X123-000581	Laminate	Sprocket	64	95TXL	X243-000020	-		
CS-4200ES (RUS)	0.050	0.325	40	C	C40S20-66AA- ET	430511-17833	Laminate	Sprocket	66	95TXL	X243-000090	-		
CS-420ES (EU)	0.058	0.325	38	C	C38S21-64AA- ET	430521-37334	Laminate	Sprocket	64	21BPX	431721-30231	K2L		
			45		C45S21-72AA- ET	430527-37334			72		21BPX		431717-30231	
CS-420ES (BASIC)	0.058	0.325	38	C	C38S21-64AA- ET	430521-37334	Laminate	Sprocket	64	21BPX	431721-30231	K2L		
			45		C45S21-72AA- ET	430527-37334			72		21BPX		431717-30231	
			45		V	V45R21-72AA- ET			430517-30134		Solid		Sprocket (X160-000130)	72
CS-421ES (KOR)	0.058	0.325	45	V	V45R21-72AA- ET	430517-30134	Solid	Sprocket (X160-000130)	72	21LPX	X245-000011	K2L		
CS-420EMS	0.058	0.325	38	C	C38S21-64AA- ET	430521-37334	Laminate	Sprocket	64	21BPX	431721-30231	K2L		
			45		C45S21-72AA- ET	430527-37334			72		21BPX		431717-30231	
CS-450 (BASIC ,RUS)	0.058	0.325	38	V	V38R21-64AA- ET	430521-30134	Solid	Sprocket (X160-000130)	64	21BPX	431721-30231	K2L		
			45		V45R21-72AA- ET	430517-30134			72		21BPX		431717-30231	
			50		V50R21-80AA- ET	430512-30134			80		21BPX		431712-30231	
CS-4510ES (EU)	0.058	0.325	33	Y	Y33S21-56ML- ED	X122-000390	Laminate	Sprocket	56	21BPX	431713-30231	K2L		
			38		Y38S21-64ML- ED	X123-000620			64		431721-30231			
			45		Y45S21-72ML- ED	X125-000390			Laminate		Sprocket (X160-000150)		72	431717-30231
	0.050	0.325	45	Y	Y45R21-72AA- ET	X125-000420	Solid	Sprocket (X160-000150)	72	95TXL	431712-30231	-		
			50		Y50S21-80AL- ED	X126-000300			Laminate		Sprocket (X160-000150)		80	431712-30231
			33		Y33S20-56ML- ED	X122-000410			Laminate		Sprocket		56	X242-000010
38	Y38S20-64ML- ED	X123-000670	64	X243-000020										
45	Y45S20-72ML- ED	X125-000440	72	X245-000060										
								80		X246-000140				

# CHAIN SAW ACCESSORIES

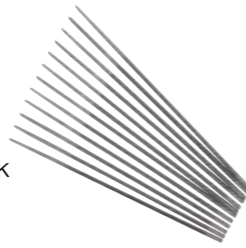
Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN					
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Oregon type	Part number	Carlton type	
CS-4510ES (RUS)	0.058	0.325	38	Y	Y38S21-64ML-ED	X123-000620	Laminate	Sprocket	64	21BPX	431721-30231	K2L	
CS-452ESX (RUS)	0.058	0.325	38	C	C38S21-64AA-ET	430521-37334	Laminate	Sprocket	64	21BPX	431721-30231	K2L	
CS-510	0.058	0.325	38	V	V38R21-64AA-ET	430521-30134	Solid	Sprocket (X160-000130)	64	21BPX	431721-30231	K2L	
			45		V45R21-72AA-ET	430517-30134			72		431717-30231		
			50		V50R21-80AA-ET	430512-30134			80		431712-30231		
CS-525	0.058	0.325	45	V	V45R21-72AL-ED	X125-000311	Solid	Sprocket (X160000090)	72	21BPX	431717-30231	K2L	
CS-490ES	0.058	0.325	38	V	Y38S21-64ML-ED	X123-000620	Laminate	Sprocket	64	21BPX	431721-30231	K2L	
			45		Y45S21-72ML-ED	X125-000390			72		431717-30231		
			50		Y50S21-80AL-ED	X126-000300			80		431712-30231		
CS-501SX	0.058	0.325	40	V	V40R21-68AA-ED	X124-000691	Solid	Sprocket (X160000090)	68	21BPX	431711-38331	K2L	
			45		V45R21-72AA-ED	X125-000351			72		431717-30231		
			50		V50R21-80AA-ED	X126-000291			80		431712-30231		
CS-590	0.058	3/8	40	S	S40S73-60AA-ED	X124-000481	Laminate	Sprocket	60	73LGX	X264-000040	A2LM	
					45	S45R73-64AA-ET	430217-30835	Solid	Sprocket (X160-000140)		64		431017-30831
						S45S73-64AA-ED	X125-000171	Laminate	Sprocket		72		431012-30831
					50	S50R73-72AA-ET	430212-30835	Solid	Sprocket (X160-000140)		84		431013-30831
						S50S73-72AA-ED	X126-000141	Laminate	Sprocket		84		431013-30831
					60	S60R73-84AA-ET	430213-30835	Solid	Sprocket (X160-000140)		84		431013-30831
S60S73-84AL-ED	X128-000041	Laminate	Sprocket	84	431013-30831								
CS-600S	0.058	3/8	40	S	S40R73-60AA-ET	430211-30835	Solid	Sprocket (X160-000140)	60	73LPX	X264-000060	A2LM-BL	
					S40S73-60AA-ED	X124-000481	Laminate	Sprocket	64		X265-000060		
					S45R73-64AA-ET	430217-30835	Solid	Sprocket (X160-000140)	64		X265-000060		
					S45S73-64AA-ED	X125-000171	Laminate	Sprocket	66		X265-000030		
					18D8TW3866	X105-000050	Solid	Hard	66		X265-000030		
					S50R73-72AA-ET	430212-30835	Solid	Sprocket (X160-000140)	72		X266-000060		
			45	S50S73-72AA-ED	X126-000141	Laminate	Sprocket	72	X266-000060				
				20D8TW3872	X106-000050	Solid	Hard	72	X266-000060				
			60	S60R73-84AA-ET	430213-30835	Solid	Sprocket (X160-000140)	84	X268-000040				
				24D8TW3884	X108-000020	Solid	Hard	84	X268-000040				
			70	S70R73-96AA-ET	430215-30835	Solid	Sprocket (X160-000140)	96	X270-000060				
				28D8TW3892	X110-000000		Hard	92	X270-000050				
CS-680	0.058	3/8	45	S	S45R73-64AA-ET	430217-30835	Solid	Sprocket (X160-000140)	64	73LGX	431017-30831	A2LM	
			50		S50R73-72AA-ET	430212-30835			72		431012-30831		
			60		S60R73-84AA-ET	430213-30835			84		431013-30831		

Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN				
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Oregon type	Part number	Carlton type
CS-620SX (BASIC, RUS)	0.058	3/8	45	S	S45R73-64AA-ED	X125-000261	Solid	Sprocket (X160-000080)	64	73LPX	X265-000060	A2LM-BL
			50		S50R73-72AA-ED	X126-000191			72		X266-000060	
			60		S60R73-84AA-ED	X128-000051			84		X268-000040	
CS-620SX (TUR)	0.058	3/8	50	S	S50H73-72AA-ED	X106-000061	Solid	Hard	72	73LPX	X266-000060	A2LM-BL
CS-680S	0.058	3/8	40	S	S40R73-60AA-ET	430211-30835	Solid	Sprocket (X160-000140)	60	73LPX	X264-000060	A2LM-BL
					S40S73-60AA-ED	X124-000481	Laminate	Sprocket	64		X265-000060	
					S45R73-64AA-ET	430217-30835	Solid	Sprocket (X160-000140)	64		X265-000060	
					S45S73-64AA-ED	X125-000171	Laminate	Sprocket	66		X265-000030	
					18D8TW3866	X105-000050	Solid	Hard	66		X265-000030	
					S50R73-72AA-ET	430212-30835	Solid	Sprocket (X160-000140)	72		X266-000060	
			45	S50S73-72AA-ED	X126-000141	Laminate	Sprocket	72	X266-000060			
				20D8TW3872	X106-000050	Solid	Hard	72	X266-000060			
			60	S60R73-84AA-ET	430213-30835	Solid	Sprocket (X160-000140)	84	X268-000040			
				S60S73-84AL-ED	X128-000041	Laminate	Sprocket	84	X268-000040			
			70	24D8TW3884	X108-000020	Solid	Hard	84	X268-000040			
				28D8TW3892	X110-000000	Solid	Hard	92	X270-000050			
CS-8002 (BASIC)	0.058	3/8	40	S	S40R73-60AA-ET	430211-30835	Solid	Sprocket (X160-000140)	60	73LPX	X264-000060	A2LM-BL
					S40S73-60AA-ED	X124-000481	Laminate	Sprocket	64		X265-000060	
					S45R73-64AA-ET	430217-30835	Solid	Sprocket (X160-000140)	64		X265-000060	
					S45S73-64AA-ED	X125-000171	Laminate	Sprocket	66		X265-000030	
					18D8TW3866	X105-000050	Solid	Hard	66		X265-000030	
					S50R73-72AA-ET	430212-30835	Solid	Sprocket (X160-000140)	72		X266-000060	
			45	S50S73-72AA-ED	X126-000141	Laminate	Sprocket	72	X266-000060			
				20D8TW3872	X106-000050	Solid	Hard	72	X266-000060			
			60	S60R73-84AA-ET	430213-30835	Solid	Sprocket (X160-000140)	84	X268-000040			
				S60S73-84AL-ED	X128-000041	Laminate	Sprocket	84	X268-000040			
			70	24D8TW3884	X108-000020	Solid	Hard	84	X268-000040			
				28D8TW3892	X110-000000	Solid	Hard	92	X270-000050			
80	S70R73-96AA-ET	430215-30835	Solid	Sprocket (X160-000140)	96	X270-000060						
	32D8PS3805	X132-000010	Solid	Sprocket	105	X272-000030						
CS-1201	0.063	0.404	90	G	G90H59-04AA-ET	X114-000001	Solid	Hard	104	27	431135-16432	B3EP

# CHAIN SAW ACCESSORIES

## CHAIN SAW FILE

A sharp chain makes all the difference in cutting speed, productivity, comfort 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	Item#
4.0mm	99988801720
4.5mm	99988801721
4.8mm	99988801722
5.0mm	99988801723
5.5mm	99988801724



**FLAT FILE**

Item# 99988801760



**HANDLE**

Item# 99988801761



## ADDITIONAL SAW CHAIN ACCESSORIES

For easy in-woods chain sharpening.



**STUMP VISE**

Item# C6000044



**FELLING WEDGES**

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



**SPIKED FELLING WEDGES**

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



**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-353ES	C304-000010	V805-000010

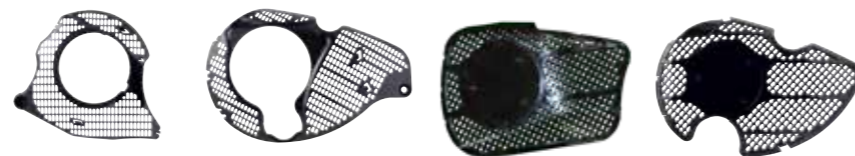


Image: X160-000080 Image: X160-000140

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



For CS-2511TES(C) For CS-280TES(C) and CS-281WES For CS-360TES and CS-362TES For CS-361WES and CS-362WES

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

## DEBRIS SHIELD

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

# 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 Silentwist® line.



Diameter: 2.4mm  
Length: 3.0m

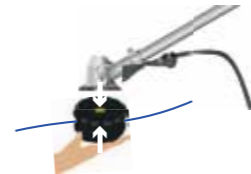
### 1. Line-up Arrows



### 2. Feed Line



### 3. Twist Top Disc



GT-222ES, SRM-22GES, SRM-236ES, SRM-2305SI, SRM-236TES, SRM-265, SRM-2655SI, SRM-2620ES, SRM-2620TES, DPAS-300, ECST-58V SRM-300ES, SRM-300TES, SRM-335ES, SRM-335TES

## SF400

Part# C6000109



# TRIMMER & BRUSHCUTTER ACCESSORIES


## TAP & GO NYLON CUTTING HEAD



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




**G137 100**  
Part# X047-000551



**G138**  
G138 500: Part# X047-000560 (w/o spacer)  
G138 502: Part# X047-000570 (w/spacer)  
G138 507: Part# X047-001060



**F4**  
Part# X047-000260



**DS-5**  
Part# X047-000221



**Z5**  
Part# X047-000332




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

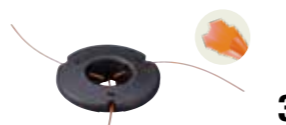


## RAPID-LOADER™ HEAD

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" precut 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




**3-LINE RAPID LOADER™**  
Item# C9500092

## SMART LOADER HEAD

Exclusive Smart-Loader head provides extra tough cutting.



**2-LINE SMART LOADER**  
Item# C2070116



**4-LINE SMART LOADER**  
Item# C2070115

## NYLON LINE HEAD REFERENCE CHART

Standard ● Option ◇


Part number	L	TAP & GO NYLON LINE CUTTING HEAD										SPEED-FEED SF400	MANUAL / FIXED NYLON LINE CUTTING HEAD						
		B4		G137 100			G138			F4 M10	DS-5		Z5 M10L	B6		RAPID-LOADER		SMART-LOADER	
		R	L	X047-000551	500	502	507	X047-000260	X047-000221	X047-000332	M10L		M12L	C6000109	C9500089	C9500092	C2070116	C2070115	
GT-22GES / GT-222ES	L	◇	●									◇					◇		
SRM-22GES (BASIC)	L		◇		●							◇					◇		
SRM-22GES (RUS)	U		◇		●							◇					◇		
SRM-22GES-SB (RUS)	U				●							◇					◇		
SRM-222ES	U				●							◇	◇				◇		
SRM-2305SI	U							●				◇	◇				◇		
SRM-236	U											●	◇				◇		
SRM-236ES	L											●	◇				◇		
SRM-236TES	U											●	◇				◇		
SRM-2620ES	U											●	◇				◇		
SRM-2620TES	L											●	◇				◇		
SRM-265	U								●			◇							
SRM-265TES (RUS)	U											◇	◇				◇		
SRM-2655SI	U											●	◇				◇		
SRM-300TES	U								◇			●	◇				◇		
SRM-300TES	L											●	◇				◇		
SRM-330ES (RUS)	U											●	◇	◇			◇	◇	
SRM-3020TES	U											●							
SRM-3020TES	L											●							
SRM-335TES	U											◇	◇				◇		
SRM-335TES	L											◇	◇				◇		
SRM-350ES (RUS)	U											●	◇	◇			◇	◇	
SRM-3610T	U											●	◇	◇			◇	◇	
SRM-420ES	U								◇ / ●(EU)			◇	◇				◇	◇	
SRM-420ES-LW	U								●			◇	◇				◇	◇	
SRM-420TES	U								◇			◇	●				◇	◇	
SRM-420TES	L											◇	●				◇	◇	
SRM-4300R	U																		
SRM-4605 (BASIC)	U											◇	●				◇	◇	
SRM-4605 (RUS)	U											◇					◇	◇	
SRM-510ES (TUR)	U								◇			◇					◇	◇	
SRM-520ES	U								●								◇	◇	
BCLS-580	U												◇				◇	◇	
CLS-5800	U																		
RM-315 / RM-315SI	L																◇	◇	
RM-510ES	L											◇					◇	◇	
RM-520ES	L								◇			●					◇	◇	
RM-4300 (K, KS)	L											◇					◇	◇	
DSRM-300	L											●							
DPAS-TRIMMER	L												●						
ECDST-58V	L												●						
MTA-TB	L												●						

# TRIMMER & 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#	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



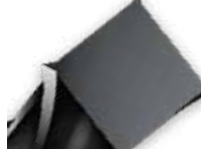
Diameter	Donut S		Donut M		Donut L		Spool 160		Spool 7	
	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#
ø 2.00 mm	12	102152803	54	306080053	108	311080063	324	314080053	540	316080053
ø 2.40 mm	12	102152953	44	306095054	88	311095064	225	314095054	375	316095054
ø 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#	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#	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	425	340095075
ø 2.67 mm	10	340105004	34	340105070	66	340105071	216	340105073	345	340105075

### 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#	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#	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#	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#	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

# TRIMMER & 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



### SHREDDER BLADE

Part# X413-000040



### SHREDDER BLADE SHIELD KIT

Part# P021-035961



### RECIPROCATING CUTTER ATTACHMENT

HCAA-2403A-LW: Item# 26419207

Convert your trimmer into a shafted hedge trimmer.

## ROTARY SCISSORS

ECHO Power Rotary Scissors PRM-230M 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.



### PRM-230M

Item# C6000118  
Pipe sleeves and gear case adapters included.

## BRUSHCUTTER HARNESS



### ERGONOMIC HARNESS

Part# C062-000550



### ERGO PRO

Part# C062-000611

## METAL BLADE REFERENCE CHART

Standard ●  
Option ◇

Item number	METAL BLADE												RECIPROCATING CUTTER ATTACHMENT <sup>1</sup>	
	3-CUTTER BLADE				4-CUTTER BLADE				8-CUTTER BLADE				CLEARING SAW	SHREDDER BLADE
	X405-000011	X405-000001	P021-014310	P021-014320	X400-000021	696001-64133	X400-000032	X405-000130	696001-55632	X405-000141	X040-000090	X413-000040	26419207	
SRM-22GES (BASIC)	L	◇												
SRM-22GES (RUS)	U	●												
SRM-22GES-SB (RUS)		●												
SRM-222ES	U	◇	●		◇			◇					◇	
	L	◇	◇		◇			◇					◇	
SRM-2305SI	U	●	◇		◇			◇						
SRM-236	U		●		◇			◇						
SRM-236ES	L		◇		◇			◇						
SRM-236TES	U		◇		◇			◇						
	L		◇		◇			◇						
SRM-2620ES	U	◇	●		◇			◇						
	L	◇	◇		◇			◇						
SRM-2620TES	U	◇	◇		◇			◇						
	L	◇	◇		◇			◇						
SRM-265	U		◇		◇			◇						
	L		◇		◇			◇						
SRM-265TES (RUS)	U	●	◇		◇			◇						
SRM-2655SI	U	●	◇		◇			◇						
SRM-300TES	U		◇	◇			◇		◇	◇				
	L		◇	◇			◇		◇	◇				
SRM-330ES (RUS)	U		◇			◇	◇		●	◇				
SRM-3020TES	U			◇			◇			◇				
	L			◇			◇			◇				
SRM-335TES (RUS)	U		●	◇			◇		◇	◇				
SRM-350ES (RUS)	U		◇	◇		◇	◇		●	◇				
SRM-3610T	U			◇			◇		◇	◇				
	L			◇			◇		◇	◇				
SRM-420ES-LW	U			◇			◇			◇				
SRM-420ES	U		◇	●		◇	◇		◇	◇				
	L			◇										
SRM-420ES (RUS)	U			●										
SRM-420TES	U		◇	◇		◇	◇		◇	◇				
	L			◇										
SRM-4300R	U		◇			●	◇		◇	◇				
SRM-4605 (BASIC, RUS)	U		●	◇		◇	◇		◇	◇				
SRM-520ES	U		◇	●		◇	◇		◇	◇				
SRM-580	U		◇	●		◇	◇		◇	◇				
BCLS-580	U			◇								◇		
CLS-5800	U										●			
RM-315 / RM-315SI	L		◇	◇		◇	◇		◇	◇				
RM-4300 (K, KS)	L		◇				◇	◇	◇	◇				
RM-520ES	L		◇	◇			◇	◇	◇	◇				
MTA-TB	L			◇										

# 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  
Part# P021-049520



### 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.



## CUTTER ASSEMBLY KIT

Fits HCA-265ES-HD, HCA-2620ES-HD and MTA-AH-HD  
Item# Y50001



# BLOWER ACCESSORIES



## PBAV-1010

Kit: Item# C1042202  
Replacement bag: Part# X692-000190



## PBAV-255

Kit: Item# C1042203  
Replacement bag: Part# X692-000190



## SHOULDER STRAP

Item# C9500141



Image: C1097200

## RAIN GUTTER KIT

Item# C1097200  
Item# 99944100026



## HIP BELT

Part# P021-051530



## BLOWER ACCESSORY FIT UP CHART

Standard: ● Option: ◇

Model	Vacuum attachment		Rain gutter kit		Shoulder strap	Hip Belt
	PBAV-1010	PBAV-255	C1097200	99944100026	C9500141	P021-051530
PB-2155	◇ <small>(S.N. from 36005407)</small>		◇		◇	
PB-2455	◇		◇		◇	
PB-2520/ PB-2620				◇	◇	
PB-255ES		◇		◇		
PB-265ESLT				◇		
PB-580				◇		◇
PB-770 / PB-760LN						◇
ES-2100	● <small>(S.N. from 36001417)</small>		◇		◇	
ES-250ES				◇		
ES-255ES		●		◇		



# 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



**3' EXTENSION**  
**99946400010**

Length: 900mm  
Item# C9500219



**4' EXTENSION**  
**99946400023**

Length: 1200mm  
Item# C9500496



**HEDGETRIMMER**  
**HCAA-2402A**

Item# C1040208



◇ Option

	HEDGE TRIMMER	3' EXTENSION	4' EXTENSION
	HCAA-2402A	999464-00010	999464-00023
PPT-236ES	◇		◇
PPT-2620ES/ PPT-2620HES			◇
PPF-236ES		◇	

\*Extension is only usable with chain saw attachment.

# DUSTER MIST BLOWER ACCESSORIES



**DUSTING ATTACHMENT**  
**DMAD-4611**

Fits DM-6110  
Item# 36056201



**GRANULE NOZZLE**  
**DMK-2**

Fits DMC-800-26  
Part# P021-003473

# 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# E025-000560



**PISTOL GRIP**

Part# P050-000032



**7-HEAD LINE TYPE NOZZLE**

Part# 224104-10611



**20 M HOSE**

Part# E260-000140



# ENGINE DRILL ACCESSORIES



**2.5" x 6" EDR AUGER**

Item# C9500532



**3" x 6" EDR AUGER**

Item# C9500533



**3" x 18" x 24" H.D AUGER**

Item# C9500534



**7" x 16" GALLON POT AUGER**

Item# C9500181

# EARTH AUGER ACCESSORIES

CE Model certified for CE

ECHO's Earth/ Ice Augers are built to churn through both dirt and ice. A variety of auger diameters are available with each one perfectly suited to drill the appropriate sized hole for your application.

## EARTH AUGERS



### 2" EARTH AUGER

Item# C9500283  
Point included.



### 3" EARTH AUGER

Item# C9500284  
Point included.



### 4" EARTH AUGER

Item# C9500285  
Point included.



### 6" EARTH AUGER

Item# C9500286  
Point & spring included.



### 8" EARTH AUGER

Item# C9500287  
Point & spring included.



### 10" EARTH AUGER

Item# C9500288  
Point & spring included.



### BLADE

4" : Item# C9500292  
6" : Item# C9500293  
8" : Item# C9500294  
10" : Item# C9500295



### POINT

1" : Item# C9500299  
2" : Item# C9500298

## ICE AUGERS



### 8" ICE AUGER

Item# C9500301  
Dual blade included.



### 10" ICE AUGER

Item# C9500302  
Dual blade included.



### BLADE

8" : Item# C9500296  
10" : Item# C9500297



### POINT

Item# C9500300

## EXTENSION SHAFTS



### EXTENSION

12" : Item# C9500291  
18" : Item# C9500290



### AUGER ADAPTER

Item# C9500289  
Spring included.



## 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.



## 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/brush-cutter/hedge trimmer gear box, bearing, sealing, and any other section wherever lubrication and/or sealing is required.



### PYRONOC

Part# X695-000080 (RUS, 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.



**MAXIMUM PROTECTION**  
6 layers of lightweight Dyneema® blocking material.



In the event of chain contact, protective fibres are released from the material, twisting into the chain saw's sprocket and bringing it to a stop within around 60 milliseconds. This makes it incredibly difficult for the blade to pass through the material.



## 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.

## 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.

	Helmet	Face Shield	Glasses	Hearing Protection	Work Gloves	Chain Saw Gloves	Chainsaw Trousers	Brushcutter Trousers
Chain Saw	●		●			●	●	
Hedge trimmer		◇	●	●	●			◇
Trimmer/Brushcutter		●	●		●			●
Power Pruner	●		●		●			◇
Blower			●	●	●			

● required ◇ recommended

# PERFORMANCE SERIES

CE Model certified for CE

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.

CE 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



## 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.

CE 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

# 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.

CE 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



## 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.

CE

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



**NEW**

## SOFTSHELL JACKET

CE

	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



**NEW**

## SHORT SLEEVE T-SHIRT

	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



**NEW**

## LONG SLEEVE T-SHIRT

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

# OTHER SAFETY GEAR



## BRUSHCUTTER SYSTEM

99988801510: Item# C9500524

CE



## MULTI- PURPOSE HELMET

Part# PT000200

CE



## HEARING PROTECTION

99988801520: Item# C9500526

CE



**NEW**

## CHAIN SAW GLOVES

CE



**NEW**

## HEAVY DUTY GLOVES

CE



**NEW**

## PROTECTIVE SLEEVES



## TECH GLASSES

102922451: Item# C9500528



## PRO II

102922460: Item# 102922460



**NEW**

## BRACE

# SPECIFICATIONS

## CHAIN SAWS

	TOP HANDLE SAWS						TOP HANDLE SAWS							
	CS-2511TES		CS-2511TES C	CS-260TES		CS-280T	CS-280TES	CS-280TES C	CS-3000	CS-303T	CS-350TES	CS-360TES	CS-362TES	
Configuration	AUS, EU, TUR	KOR, RUS, BASIC	EU	BASIC, KOR	RUS	EU	EU	EU	BASIC	EU	BASIC	RUS	EU	
Engine displacement (cm³)	25.0	25.0	25.0	26.9	26.9	26.9	26.9	26.9	30.1	30.1	35.8	35.8	35.8	
Output (kW / ps)	1.11 / 1.51	1.11 / 1.51	1.11 / 1.51	0.91 / 1.24	0.91 / 1.24	1.07 / 1.46	1.07 / 1.46	1.07 / 1.46	1.04 / 1.41	1.04 / 1.41	1.46 / 1.99	1.62 / 2.20	1.50 / 2.04	
Dry weight¹ (kg)	2.3	2.3	2.3	2.9	2.9	3.0	3.0	3.0	3.4	3.5	3.5	3.6	3.6	
Fuel tank capacity (mL)	190	190	190	240	240	240	240	240	250	250	370	330	330	
Chain oil tank capacity (mL)	140	140	140	160	160	160	160	160	150	150	230	240	240	
Fuel consumption at maximum engine power (L/h)	0.68	0.68	0.68	0.74	0.74	0.68	0.68	0.68	0.82	0.62	0.97	1.10	0.88	
Priming pump	○	○	○	○	○	○	○	○	○	○	-	○	○	
Ignition system	CDI	CDI	CDI	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	ES-Start	-	-	ES-Start	ES-Start	ES-Start	
Chain brake	Inertia	Inertia	Inertia	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	Front	Side	Side	Side	Side	
Saw chain pitch (inch)	3/8	3/8	1/4	3/8	3/8	3/8	3/8	1/4	3/8	3/8	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	0.050	0.050	0.050	0.050	0.050	0.050	0.050	
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	20, 25, 30 / 8, 10, 12	25 / 10	30, 35 / 12, 14	30, 35 / 12, 14	30, 35, 40 / 12, 14, 16	30, 35, 40 / 12, 14, 16	30, 35 / 12, 14	
Vibration² Front handle / Rear handle (m/s²)	3.5 / 4.0	3.5 / 4.0	3.5 / 4.0	-	4.6 / 5.2	3.9 / 4.2	3.9 / 4.2	3.9 / 4.2	-	4.0 / 3.7	-	3.4 / 4.7	3.8 / 4.2	
Sound pressure level³ (db(A))	99.7	99.6	99.7	-	97.2	99.3	99.3	99.3	-	98.8	-	101.6	99.9	
Sound power level⁴ (db(A))	110.3	108.6	110.3	-	106.7	108.1	108.1	108.1	-	109.7	-	111.9	110.2	

## CHAIN SAWS

	CHAIN SAWS						CHAIN SAWS								
	CS-281WES	CS-350WES		CS-361WES	CS-362WES	CS-310ES	CS-310ES		CS-352ES	CS-353ES			CS-3700ES	CS-370ES	
Configuration	EU	ASIA	KOR	RUS	EU	EU	BASIC	RUS	AUS, EU, TUR	BASIC	KOR	RUS	RUS	BASIC	
Engine displacement (cm³)	26.9	35.8	35.8	35.8	35.8	30.5	30.5	30.5	34.0	34.0	34.0	34.0	35.8	36.3	
Output (kW / ps)	1.09 / 1.48	1.48 / 2.01	1.48 / 2.01	1.66 / 2.26	1.49 / 2.03	1.1 / 1.5	1.17 / 1.59	1.17 / 1.59	1.31 / 1.78	1.59 / 2.16	1.59 / 2.16	1.59 / 2.16	1.50 / 2.04	1.42 / 1.93	
Dry weight¹ (kg)	3.1	3.6	3.6	3.7	3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.4	4.6	
Fuel tank capacity (mL)	240	370	370	320	320	250	250	250	250	250	250	250	410	410	
Chain oil tank capacity (mL)	160	230	230	230	230	260	260	260	260	260	260	260	240	280	
Fuel consumption at maximum engine power (L/h)	0.5	1.12	1.12	1.05	0.86	0.68	0.76	0.76	0.96	0.99	0.99	0.99	1.23	0.76	
Priming pump	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Ignition system	CDI	CDI	CDI	CDI	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	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	
Chain brake	Inertia	Inertia	Inertia	Inertia	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	Side	Side	Side	Side	
Saw chain pitch (inch)	3/8 (1/4)	3/8	3/8	3/8	3/8 (1/4)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	0.325	0.325	
Guide bar gauge (inch)	0.050	0.050	0.050	0.050	0.050	0.050 (0.043)	0.050 (0.043)	0.050 (0.043)	0.050 (0.043)	0.050 (0.043)	0.050	0.050 (0.043)	0.050 (0.058)	0.058	
Applicable bar length (cm / inch)	20, 25, 30 / 8, 10, 12	30, 35, 40 / 12, 14, 16	40 / 16	30, 35, 40 / 12, 14, 16	30, 35, 40(30,35) / 12, 14, 16(12,14)	30, 35 / 12, 14	30, 35 / 12, 14	30, 35 / 12, 14	30, 35 / 12, 14	30, 35, 40 / 12, 14, 16	40 / 16	30, 35 / 12, 14	40 (33, 38) / 16 (13, 15)	33, 38 / 13, 15	
Vibration² Front handle / Rear handle (m/s²)	4.6 / 4.9	-	-	5.8 / 6.3	5.9 / 6.3	4.1 / 6.8	-	4.1 / 6.8	4.0 / 5.2	-	-	3.6 / 3.8	-	-	
Sound pressure level³ (db(A))	97.8	-	99.1	102.2	99.3	97.9	-	97.9	98.5	-	101.4	101.4	-	-	
Sound power level⁴ (db(A))	107.5	-	-	112.3	109.3	107.7	-	107.7	108.3	-	-	111.9	-	-	

## CHAIN SAWS

	CHAIN SAWS						CHAIN SAWS									
	CS-370ES		CS-390ESX		CS-4200ES	CS-420ES	CS-420ES	CS-420EMS	CS-421ES	CS-450		CS-4510ES			CS-452ESX	CS-510
Configuration	EU	KOR	EU	RUS	RUS	BASIC	EU	EU	KOR	BASIC	TUR	EU	RUS	RUS	BASIC	
Engine displacement (cm³)	36.3	36.3	38.4	38.4	39.6	40.2	40.2	40.2	40.2	45.0	45.0	45.0	45.0	45.1	49.3	
Output (kW / ps)	1.41 / 1.92	1.43 / 1.94	1.90 / 2.58	1.9 / 2.58	1.89 / 2.57	1.75 / 2.38	1.6 / 2.18	1.6 / 2.18	1.82 / 2.47	1.93 / 2.63	1.9 / 2.58	2.3 / 3.1	2.3 / 3.1	2.26 / 3.07	2.6 / 3.54	
Dry weight¹ (kg)	4.6	4.6	4.5	4.4	4.44	4.6	4.6	4.6	4.6	5.0	5.0	5.0	5.0	4.6	5.1	
Fuel tank capacity (mL)	410	410	420	420	410	410	410	410	410	450	450	480	480	540	600	
Chain oil tank capacity (mL)	280	280	220	220	240	280	280	280	280	280	280	330	330	270	280	
Fuel consumption at maximum engine power (L/h)	0.76	0.76	1.22	1.22	1.21	0.95	0.95	0.95	1.03	1.24	1.24	1.19	1.19	-	1.66	
Priming pump	○	○	-	-	-	○	○	○	○	○	○	○	○	-	-	
Ignition system	CDI	CDI	CDI	CDI	CDI	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	ES-Start	ES-Start	ES-Start	-	-	ES-Start	ES-Start	ES-Start	-	
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	
Choke w/ automatic fast idle release	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
Chain tensioner	Side	Side	Front	Front	Side	Side	Side	Side	Side	Side	Side	Side	Side	Front	Side	
Saw chain pitch (inch)	0.325 (3/8)	0.325 (3/8)	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	
Guide bar gauge (inch)	0.058 (0.050)	0.058 (0.050)	0.050 (0.058)	0.050	0.050 (0.058)	0.058	0.058	0.058	0.058	0.058	0.058	0.058 (0.050)	0.058	0.058	0.058	
Applicable bar length (cm / inch)	33, 38 (35, 40) / 13, 15 (14, 16)	33, 38 (35, 40) / 13, 15 (14, 16)	33, 38 / 13, 15	38 / 15	40 (33, 38, 45) / 16 (13, 15, 18)	38, 45 / 15, 18	38, 45 / 15, 18	38, 45 / 15, 18	38, 43, 45 / 15, 17, 18	38, 45, 50 / 15, 18, 20	38, 45, 50 / 15, 18, 20	33, 38, 45, 50 / 13, 15, 18, 20	38 / 13	38 / 15	38, 45, 50 / 15, 18, 20	
Vibration² Front handle / Rear handle (m/s²)	3.2 / 5.4	-	4.7 / 5.0	4.7 / 5.0	-	-	4.4 / 6.4	4.4 / 6.4	-	-	3.9 / 5.9	2.6 / 2.8	2.6 / 2.8	5.4 / 5.5	-	
Sound pressure level³ (db(A))	98.7	98.7	101.9	101.9	-	-	99.2	99.2	99.9	-	100.7	100.2	100.2	103.1	-	
Sound power level⁴ (db(A))	109.4	-	113.1	113.1	-	-	110.0	110.0	-	-	111	111.9	111.9	114.5	-	

# SPECIFICATIONS

## CHAIN SAWS

	CHAIN SAWS						CHAIN SAWS								
	CS-510		CS-525		CS-490ES	CS-501SX	CS-501SX	CS-501SXH	CS-590	CS-600S	CS-620SX	CS-680S	CS-8002	CS-1201	
Configuration	TUR	RUS	BASIC	KOR	EU	EU	RUS	EU	BASIC, EU	BASIC	BASIC, RUS, TUR	BASIC	BASIC	BASIC	
Engine displacement (cm³)	49.3	49.3	49.3	49.3	50.2	50.2	50.2	50.2	59.8	59.8	59.8	66.8	80.7	116.3	
Output (kW / ps)	2.6 / 3.54	2.6 / 3.54	2.6 / 3.54	2.6 / 3.54	2.14 / 2.91	2.57 / 3.50	2.57 / 3.50	2.57 / 3.50	3.0 / 4.08	3.0 / 4.08	3.32 / 4.52	3.46 / 4.70	3.93 / 5.34	5.1 / 6.94	
Dry weight <sup>1</sup> (kg)	5.1	5.1	5.1	5.1	4.8	4.7	4.7	4.9	6.0	6.1	6.2	6.6	7.6	10.6	
Fuel tank capacity (mL)	600	600	600	600	490	500	500	500	650	650	650	640	820	1250	
Chain oil tank capacity (mL)	280	280	280	280	280	280	280	280	300	300	300	370	400	650	
Fuel consumption at maximum engine power (L/h)	1.66	1.66	1.66	1.66	1.21	1.54	1.54	1.54	1.68	1.68	2.05	2.35	2.30	3.38	
Priming pump	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	TCI	
Start assist system	Decomp	-	-	-	ES-Start	Decomp	Decomp	Decomp	Decomp	Decomp	Decomp	-	-	-	
Chain brake	Inertia	Inertia	Inertia	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	Side	Side	Front	Front	
Saw chain pitch (inch)	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	3/8	3/8	3/8	3/8	3/8	0.404	
Guide bar gauge (inch)	0.058	0.058	0.058	0.058	0.058 (0.050)	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.063	
Applicable bar length (cm / inch)	38, 45, 50 / 15, 18, 20	38 (45, 50) / 15 (18, 20)	38, 45, 50 / 15, 18, 20	45 / 18	38, 45, 50 / 15, 18, 20	40, 45, 50 / 16, 18, 20	38, 40, 45, 50 / 15, 16, 18, 20	40, 45, 50 / 16, 18, 20	40, 45, 50, 60 / 16, 18, 20, 24	45, 50, 60, 70 / 18, 20, 24, 28	45, 50, 60	40, 45, 50, 60, 70 / 16, 18, 20, 24, 28	45, 50, 60, 70 / 18, 20, 24, 28	83, 90 / 33, 36	
Vibration <sup>2</sup> Front handle / Rear handle (m/s²)	4.7 / 7.2	4.7 / 7.2	-	-	5.4 / 6.5	5.2 / 5.4	5.2 / 5.4	5.2 / 5.4	4.4 / 4.7 (EU)	-	3.5 / 4.4 (RUS, TUR)	-	-	-	
Sound pressure level <sup>3</sup> (dB(A))	103.7	103.7	-	103.7	101.8	103.6	103.6	103.6	101.0 (EU)	-	103.8 (RUS, TUR)	-	-	-	
Sound power level <sup>4</sup> (dB(A))	115.9	115.9	-	-	111.5	113.5	113.5	113.5	112.2 (EU)	-	114.2 (RUS, TUR)	-	-	-	

## TRIMMERS / BRUSHCUTTERS

	CURVED SHAFT TRIMMERS			TRIMMERS			TRIMMERS / BRUSHCUTTERS						
	GT-222ES	GT-22GES		SRM-22GES		SRM-22GES-SB	SRM-222ES		SRM-2305SU	SRM-236		SRM-236ES	
Configuration	EU	BASIC	RUS	BASIC	RUS	RUS	EU		RUS	EU		EU	
Handle type	L	L	L	L	U	U	U	L	U	U	L	U	L
Engine displacement (cm³)	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
Output (kW / ps)	0.71 / 0.97	0.67 / 0.91	0.67 / 0.91	0.67 / 0.91	0.67 / 0.91	0.67 / 0.91	0.71 / 0.97	0.71 / 0.97	0.57 / 0.77	0.71 / 0.97	0.71 / 0.97	0.71 / 0.97	0.71 / 0.97
Dry weight <sup>5</sup> (kg)	4.3	4.1	4.1	4.8	4.8	4.7	4.9	4.7	5.7	5.7	5.0	5.6	4.9
Fuel tank capacity (mL)	400	440	440	440	440	450	400	400	400	440	440	440	440
Fuel consumption at maximum engine power (L/h)	0.45	0.62	0.62	0.62	0.62	0.62	0.45	0.45	0.56	0.45	0.45	0.45	0.45
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	i-Start	-	-	ES-Start	ES-Start
Drive shaft type	Flexible	Flexible	Flexible	Flexible	Flexible	Flexible	Flexible	Flexible	Solid	Solid	Solid	Solid	Solid
Drive shaft diameter (mm)	6.1	6.1	6.1	6.15	6.15	6.1	6.15	6.15	6.0	6.0	6.0	6.0	6.0
Main pipe diameter (mm)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Gear reduction ratio	1.0	1.0	1.0	1.4	1.4	1.4	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Standardised nylon head	Type	G137 100	G137 100	G137 100	G138 502	G138 502	G138 502	G138 500	G138 500	F4 M10	SF400	SF400	SF400
	Item number	X047-000551	X047-000551	X047-000551	X047-000570	X047-000570	X047-000570	X047-000560	X047-000560	X047-000260	C6000109	C6000109	C6000109
Standardised metal blade	Type	-	-	-	-	3-cutter metal blade	3-cutter metal blade	3-cutter metal blade	-	3-cutter metal blade	3-cutter metal blade	-	3-cutter metal blade
	Item number	-	-	-	-	X405-000011	X405-000011	-	-	X405-000011	P021-014310	-	P021-014310
Vibration Left handle <sup>6</sup> / Right handle (m/s)	Metal Blade	-	-	-	-	3.1 / 3.1	4.2 / 4.0	-	4.3 / 5.1	4.2 / 4.0	-	3.7 / 4.1	-
	Nylon head	4.9 / 5.4	5.7 / 5.5	5.7 / 5.5	5.4 / 6.9	4.3 / 3.2	4.1 / 3.5	2.6 / 2.1	3.8 / 5.7	5.6 / 3.2	3.5 / 4.1	4.6 / 3.9	3.5 / 4.2
Sound pressure level <sup>7</sup> (dB(A)) Blade / Nylon head	- / 91.9	- / 91.8	- / 91.8	- / 91.2	89.6 / 91.2	87.4 / 89.7	92.9 / 87.7	- / 91.9	92 / 100	93.0 / 89.5	- / 92.9	93.0 / 89.5	- / 92.9
Sound power level <sup>8</sup> (dB(A)) Blade / Nylon head	- / 105.0	- / 106.9	- / 104.8	- / 101	99 / 101	100.6 / 101.7	104.2 / 101.8	- / 103.4	101 / -	105.1 / 102.7	- / 104.1	105.1 / 102.7	- / 104.1

## TRIMMERS / BRUSHCUTTERS

	TRIMMERS / BRUSHCUTTERS						TRIMMERS / BRUSHCUTTERS						
	SRM-236TES		SRM-2620ES		SRM-2620TES		SRM-265		SRM-265TES	SRM-265SU	SRM-300TES		SRM-330ESU
Configuration	EU		EU		EU		EU		RUS	RUS	EU		RUS
Handle type	U	L	U	L	U	L	U	L	U	U	U	L	U
Engine displacement (cm³)	21.2	21.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	28.1	28.1	30.5
Output (kW / ps)	0.71 / 0.97	0.71 / 0.97	1.04 / 1.41	1.04 / 1.41	1.04 / 1.41	1.04 / 1.41	0.9 / 1.2	0.9 / 1.2	0.89 / 1.21	0.77 / 1.05	0.9 / 1.2	0.9 / 1.2	0.90 / 1.22
Dry weight <sup>5</sup> (kg)	5.6	5.1	5.8	5.6	6.0	5.8	5.8	5.3	6.1	5.9	5.9	5.8	7.1
Fuel tank capacity (mL)	440	440	600	600	600	600	500	500	500	640	610	610	840
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.61	0.61	0.61	0.61	0.60	0.60	0.60	0.70	0.65	0.65	0.96
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	-	-	ES-Start	i-Start	ES-Start	ES-Start	ES-Start
Drive shaft type	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid
Drive shaft diameter (mm)	6.0	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	8.0
Main pipe diameter (mm)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	28.0
Gear reduction ratio	1.62	1.62	1.36	1.36	2.07	2.07	1.36	1.36	2.07	1.36	2.07	2.07	1.33
Standardised nylon head	Type	SF400	SF400	SF400	SF400	SF400	F4 M10	F4 M10	Z5 M10L	Z5 M10L	Z5 M10L	Z5 M10L	Z5 M10L
	Item number	C6000109	C6000109	C6000109	C6000109	C6000109	X047-00260	X047-00260	X047-000332	X047-000332	X047-000332	X047-000332	X047-000332
Standardised metal blade	Type	-	-	3-cutter metal blade	-	-	-	-	3-cutter metal blade	3-cutter metal blade	-	-	8-cutter metal blade
	Item number	-	-	P021-014310	-	-	-	-	X405-000011	X405-000011	-	-	696001-55632
Vibration Left handle <sup>6</sup> / Right handle (m/s)	Metal Blade	-	-	3.6 / 4.1	-	-	-	-	3.5 / 2.0	3.3 / 3.8	-	-	3.5 / 3.0
	Nylon head	3.4 / 4.3	5.0 / 2.8	3.2 / 3.8	4.1 / 4.7	3.6 / 4.6	4.5 / 4.6	2.6 / 3.4	4.2 / 4.3	2.6 / 1.9	4.2 / 2.7	3.3 / 3.1	4.2 / 4.9
Sound pressure level <sup>7</sup> (dB(A)) Blade / Nylon head	- / 91.8	- / 90.7	93.1 / 93.0	- / 92.7	- / 94.2	- / 93.1	- / 93.3	- / 92.5	97.3 / 96.0	-	- / 93.1	- / 92.1	-
Sound power level <sup>8</sup> (dB(A)) Blade / Nylon head	- / 104.2	- / 103.3	106.3 / 108.0	- / 107.9	- / 108.1	- / 107.7	- / 106.2	- / 104.2	111.2 / 109.7	-	- / 104.9	- / 106.0	-

\*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), 2.1B(A)(Nylon head).

# SPECIFICATIONS

## TRIMMERS / BRUSHCUTTERS

		TRIMMERS / BRUSHCUTTERS						TRIMMERS / BRUSHCUTTERS						
		SRM-3020TES		SRM-335TES	SRM-350ES	SRM-3610T		SRM-420ES-LW	SRM-420ES			SRM-420TES		SRM-4300R
Configuration		EU		RUS	RUS	EU		EU	EU			EU		BASIC
Handle type		U	L	U	U	U	L	U	U	L	U	U	L	U
Engine displacement (cm <sup>3</sup> )		30.5	30.5	30.5	34.0	36.3	36.3	41.5	41.5	41.5	41.5	41.5	41.5	42.7
Output (kW / ps)		1.3 / 1.7	1.3 / 1.7	1.04 / 1.41	1.10 / 1.50	1.43 / 1.94	1.43 / 1.94	1.78 / 2.42	1.78 / 2.42	1.78 / 2.42	1.78 / 2.42	1.78 / 2.42	1.78 / 2.42	1.51 / 2.05
Dry weight <sup>1</sup> (kg)		6.3	6.0	6.8	7.1	6.6	6.3	8.2	8.5	7.8	8.5	8.7	8.0	7.9
Fuel tank capacity (mL)		710	710	840	840	850	850	690	690	690	690	690	690	1000
Fuel consumption at maximum engine power (L/h)		0.72	0.72	0.59	0.92	0.92	0.92	1.05	1.05	1.05	1.05	1.05	1.05	1.22
Carburettor		Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Start assist system		ES-Start	ES-Start	ES-Start	ES-Start	Decomp	Decomp	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	-
Drive shaft type		Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid
Drive shaft diameter (mm)		7.0	7.0	7.0	8.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Main pipe diameter (mm)		25.0	25.0	25.0	28.0	25.0	25.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
Gear reduction ratio		1.62	1.62	2.07	1.33	1.62	1.62	1.33	1.33	1.33	1.33	2.08	2.08	1.33
Standardised nylon head	Type	SF400	SF400	Z5 M10L	Z5 M10L	Z5 M10L	Z5 M10L	DS-5 M10L	DS-5 M10L	DS-5 M10L	Z5 M10L	B6 M10L	B6 M10L	-
	Item number	C6000109	C6000109	X047-000332	X047-000332	X047-000332	X047-000332	X047-000221	X047-000221	X047-000221	X047-000332	X047-001121	X047-001121	-
Standardised metal blade	Type	-	-	3-cutter metal blade	8-cutter metal blade	-	-	-	3-cutter metal blade	-	3-cutter metal blade	-	-	4-cutter metal blade
	Item number	-	-	X405-000001	696001-55632	-	-	-	P021-014320	-	P021-014320	-	-	696001-64133
Vibration <sup>2</sup> Left handle / Right handle (m/s)	Metal Blade	-	-	-	3.3 / 3.0	-	-	-	3.2 / 2.9	-	3.2 / 2.9	-	-	-
	Nylon head	4.2 / 3.2	2.9 / 4.6	-	2.7 / 3.5	5.7 / 4.1	5.7 / 3.2	6.0 / 4.8	4.7 / 4.9	2.5 / 4.7	4.7 / 4.7	4.5 / 3.4	3.5 / 5.1	-
Sound pressure level <sup>3</sup> (dB(A)) Blade / Nylon head		- / 98.3	- / 98.1	86.3 / 89/9	-	- / 93.8	- / 94.5	- / 83.6	96.9 / 92.5	- / 96.2	96.9 / -	- / 96.6	- / 97.6	-
Sound power level <sup>4</sup> (dB(A)) Blade / Nylon head		- / 112.2	- / 111.7	101.8 / 104.6	-	- / 107.6	- / 106.5	- / 114.3	112.2 / 109.4	- / 111.4	112.2 / -	- / 110.3	- / 110.6	-

## TRIMMERS / BRUSHCUTTERS

		TRIMMERS / BRUSHCUTTERS					CLEARING SAW	BACKPACK BRUSHCUTTERS				
		SRM-4605		SRM-520ES	BCLS-580	CLS-5800		RM-315	RM-315SI	RM-4300K-SI	RM-4300KS-SI	RM-520ES
Configuration		BASIC	RUS	EU	BASIC	BASIC, RUS		BASIC	BASIC	KOR	KOR	EU, TUR
Handle type		U	U	U	U	U		L	L	L	L	L
Engine displacement (cm <sup>3</sup> )		45.7	45.7	50.2	58.2	58.2		30.5	30.5	42.7	42.7	50.2
Output (kW / ps)		1.8 / 2.5	1.8 / 2.5	2.16 / 2.94	2.42 / 3.29	2.42 / 3.29		0.93 / 1.26	0.93 / 1.26	1.52 / 2.07	1.52 / 2.07	2.16 / 2.94
Dry weight <sup>1</sup> (kg)		7.9	7.9	9.0	10.4	10.2		9.7	10.1	10.3	10.5	12.0
Fuel tank capacity (mL)		950	950	690	750	750		1300	1300	1300	1300	1070
Fuel consumption at maximum engine power (L/h)		1.40	1.40	1.23	1.77	1.77		0.85	0.85	1.15	1.15	1.23
Carburettor		Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm		Float	Float	Float	Float	Diaphragm
Start assist system		-	-	ES-Start	-	-		-	i-Start	i-Start	i-Start	ES-Start
Drive shaft type		Solid	Solid	Solid	Solid	Solid		Solid	Solid	Solid	Solid	Solid
Drive shaft diameter (mm)		8.0	8.0	8.0	10.0	10.0		7.0	7.0	7.0	7.0	8.0
Main pipe diameter (mm)		28.0	28.0	28.0	35.0	35.0		25.0	25.0	24.0	24.0	28.0
Gear reduction ratio		1.33	1.33	1.33	1.40	1.40		1.25	1.25	1.36	1.36	1.33
Standardised nylon head	Type	B6 M10L	-	DS-5 M10L	-	-		-	-	-	-	Z5 M10L
	Item number	X047-001121	-	X047-000221	-	-		-	-	-	-	X047-000332
Standardised metal blade	Type	3-cutter metal blade	3-cutter metal blade	3-cutter metal blade	-	Clearing saw blade		-	-	-	-	-
	Item number	X405-00001	X405-00001	P021-014320	-	X040-000090		-	-	-	-	-
Vibration <sup>2</sup> Left handle / Right handle (m/s)	Metal Blade	5.3 / 4.2	5.3 / 4.2	3.4 / 3.2	-	3.1 / 4.0		-	-	-	-	-
	Nylon head	5.6 / 4.2	-	3.0 / 2.7	-	-		-	-	-	-	5.3 / 4.0
Sound pressure level <sup>3</sup> (dB(A)) Blade / Nylon head		97.8 / 101.2	97.8 / -	98.2 / 97.6	-	99.2 / -		-	-	-	-	- / 97.5
Sound power level <sup>4</sup> (dB(A)) Blade / Nylon head		108.3 / 111.7	108.3 / -	113.2 / 111.6	-	112.4 / -		-	-	-	-	- / 110.6

## POWER PRUNERS<sup>®</sup>

	FIXED POWER PRUNERS <sup>®</sup>		TELESCOPIC POWER PRUNERS <sup>®</sup>	
	PPF-236ES	PPT-236ES	PPT-2620ES	PPT-2620HES
Configuration	EU	EU	EU	EU
Engine displacement (cm <sup>3</sup> )	21.2	21.2	25.4	25.4
Output (kW / ps)	0.71 / 0.97	0.71 / 0.97	1.0 / 1.4	1.0 / 1.4
Dry weight <sup>5</sup> (kg)	5.8	7.7	7.9	7.7
Overall length (mm)	2400	2663-3675	2716-3704	2716-3704
Fuel tank capacity (mL)	420	420	600	600
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.61	0.61
Chain oil tank capacity (mL)	200	200	200	200
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start
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 <sup>6</sup> Left handle/ Right handle (m/s)	2.9 / 3.5	4.9 / 5.3	6.2 / 7.2	4.3 / 4.5
Sound pressure level <sup>7</sup> (dB(A))	90.8	92.2	93.8	93.3
Sound power level <sup>8</sup> (dB(A))	107.6	107.6	107.6	107.6

\*1: Unit without cutting attachment and shield. \*2: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s<sup>2</sup>(Metal Blade), 1.2m/s<sup>2</sup>(Nylon head).

\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>1</sub>)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head). \*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>1</sub>)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).

\*5: Without guide bar and chain, harness an empty tanks. \*6: Measured in accordance with ISO 22867. Uncertainty(K)=3.3m/s<sup>2</sup>.

\*7: Measured in accordance with ISO 22868. Uncertainty(K<sub>1</sub>)=2.5dB(A). \*8: Measured in accordance with ISO 22868. Uncertainty(K<sub>1</sub>)=2.5dB(A).



# SPECIFICATIONS

## HEDGE TRIMMERS

	DOUBLE-SIDED HEDGE TRIMMERS						DOUBLE-SIDED HEDGE TRIMMERS		SINGLE-SIDED HEDGE TRIMMERS			
	HC-1500	HC-1501	HC-156	HCR-1501	HCR-165ES		HCR-185ES	HC-2810ESR	HCS-2810ES	HCS-3210ES	HCS-3810ES	HC-331ES
Configuration	RUS	EU	EU	EU	EU, RUS		EU, RUS	EU	EU	EU	EU	BASIC
Engine displacement (cm³)	21.2	21.2	21.2	21.2	21.2		21.2	21.2	21.2	21.2	21.2	23.6
Output (kW / ps)	0.56 / 0.76	0.58 / 0.79	0.58 / 0.79	0.58 / 0.79	0.58 / 0.79		0.58 / 0.79	0.57 / 0.78	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8	0.66 / 0.90
Dry weight (kg)	4.7	4.9	5.1	5.1	5.1		5.3	5.2	4.7	4.8	4.9	5.8
Fuel tank capacity (mL)	300	460	460	460	390		390	390	390	390	390	500
Fuel consumption at maximum engine power (L/h)	0.56	0.40	0.40	0.40	0.40		0.40	0.40	0.40	0.40	0.40	0.57
Start assist system	-	-	-	-	ES-Start		ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
Rotating handle	-	-	-	○	○		○	○	-	-	-	-
Anti-vibration system	-	-	-	-	○		○	○	-	-	-	○
Cutter type	Double	Double	Double	Double	Double		Double	Double	Single	Single	Single	Single
Cutting length (mm)	497	499	639	499	639		744	624	589	729	834	728
Cutter pitch (mm)	35	35	35	35	35		35	35	35	35	35	35
Cutter clearance	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable		Adjustable	Adjustment-free	Adjustment-free	Adjustment-free	Adjustment-free	Adjustable
Stroke rate (cuts/min)	3,400	3,700	3,700	3,700	3,600		3,600	4,700	4,700	4,700	4,700	4,700
Vibration levels <sup>1</sup> Front handle /Rear handle (m/s²)	7.5 / 27.3	4.8 / 8.6	7.1 / 6.9	4.4 / 9.5	3.6 / 4.8		3.9 / 4.8	5.9 / 4.8	8.7 / 5.1	9.0 / 6.7	6.0 / 5.3	4.8 / 4.1
Sound pressure level <sup>2</sup> (dB(A))	99.1	93.3	94.9	93.5	98.8		98.6	99.8	101.0	98.2	100.6	98.7
Sound power level <sup>3</sup> (db(A))	108.3	103.0	103.4	103.0	105.7		105.4	107.4	108.1	106.4	108.2	106.5

## HEDGE TRIMMERS

	SHAFTED HEDGE TRIMMERS				
	HCAS-236ES-LW	HCAS-2620ES-HD	HCA-236ES-LW	HCA-265ES-LW	HCA-2620ES-HD
Configuration	EU	EU	EU	EU	EU
Engine displacement (cm³)	21.2	25.4	21.2	25.4	25.4
Output (kW / ps)	0.71 / 0.97	1.0 / 1.4	0.71 / 0.97	0.89 / 1.21	1.0 / 1.4
Dry weight (kg)	5.9	6.2	6.2	6.5	6.5
Overall length (mm)	1749	1784	2407	2418	2440
Fuel tank capacity (mL)	440	600	440	500	600
Fuel consumption at maximum engine power (L/h)	0.45	0.61	0.45	0.60	0.61
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
Rotating handle	-	-	-	-	-
Anti-vibration system	-	-	-	-	-
Cutter type	Double	Double	Double	Double	Double
Cutting length (mm)	519	536	519	519	536
Cutter pitch (mm)	30	35	30	30	35
Cutter clearance	Adjustable	Adjustment-free	Adjustable	Adjustable	Adjustment-free
Stroke rate (cuts/min)	3,900	5,000	3,900	3,800	5,000
Vibration levels <sup>1</sup> Front handle /Rear handle (m/s²)	4.5 / 7.3	8.1 / 9.4	4.1 / 3.7	5.0 / 5.0	7.6 / 7.2
Sound pressure level <sup>2</sup> (dB(A))	94.3	96.2	95.5	97.2	96.6

## POWER BLOWERS / SHRED 'N' VAC®

	HANDHELD BLOWERS		HANDHELD BLOWERS				SHRED 'N' VAC®			BACKPACK BLOWERS			
	PB-2155	PB-2455	PB-2520	PB-2620	PB-255ES		ES-2100	ES-250ES	ES-255ES	PB-265ESLT	PB-580	PB-760LN	PB-770
Configuration	RUS	BASIC	EU, RUS	EU	EU		RUS	EU, RUS	EU	EU	EU	EU	EU, RUS
Engine displacement (cm³)	21.2	23.6	25.4	25.4	25.4		21.2	25.4	25.4	25.4	58.2	63.3	63.3
Maximum engine power (kW / ps)	0.50 / 0.68	0.66 / 0.90	0.91 / 1.24	0.91 / 1.24	0.79 / 1.07		0.50 / 0.68	0.72 / 0.98	0.79 / 1.07	0.70 / 0.95	2.05 / 2.79	1.94 / 2.64	3.05 / 4.15
Dry weight <sup>4</sup> (kg)	4.1	4.1	3.9	4.4	4.8		5.5	5.7	5.8	6.0	10.3	11.9	11.0
Fuel tank capacity (mL)	500	500	550	600	470		500	500	470	660	1840	2020	2020
Fuel consumption at maximum engine power (L/h)	-	-	0.52	0.55	0.57		-	0.52	0.57	0.54	1.03	1.21	1.87
Air volume at actual usage point (m³/h) <sup>5</sup>	420	456	768 <sup>10</sup>	774 <sup>10</sup>	600 <sup>10</sup>		420	576 <sup>10</sup>	600 <sup>10</sup>	618 <sup>10</sup>	882 <sup>10</sup>	918 <sup>10</sup>	1290 <sup>10</sup>
Maximum air speed (m/sec) <sup>5</sup>	60	64	76.2 <sup>10</sup>	76.7 <sup>10</sup>	85.3 <sup>10</sup>		60.0	81.7 <sup>10</sup>	84.9 <sup>10</sup>	68.7 <sup>10</sup>	96.4 <sup>10</sup>	93.7 <sup>10</sup>	104.6 <sup>10</sup>
Start assist system	-	-	-	-	ES-Start		-	ES-Start	ES-Start	ES-Start	-	-	-
Throttle setting device	○	○	○	○	○		○	○	○	○	○	○	○
Standardised nozzle type	A	Flat bent	Flat bent	Round straight	Round straight		Vacuum	Vacuum	Vacuum	Round bent	Round straight	Round straight	Round straight
	B	-	-	-	Flat straight		Flat bent	Flat straight	Flat straight	-	Round bent	-	Round bent
Vacuum kit	Optional	Optional	-	-	Optional		○	○	○	-	-	-	-
Vibration levels (m/s²) (Nozzle TypeA / Nozzle TypeB / Nozzle typeA:Rear handle)	6.6 <sup>6</sup>	7.8 <sup>6</sup>	9.9 <sup>6</sup>	6.6 / 7.1 <sup>6</sup>	8.1 <sup>6</sup>		8.9 / 11.2 / 7.4 <sup>6</sup>	8.3 / 9.0 / 5.0 <sup>6</sup>	5.1 / 8.1 / 10.0 <sup>6</sup>	1.3 <sup>6</sup>	2.0 / 3.1 <sup>6</sup>	1.4 <sup>6</sup>	2.8 / 1.9 <sup>6</sup>
Sound pressure levels(dB(A)) (Nozzle type A / Nozzle type B)	87.5 <sup>7</sup>	91.7 <sup>7</sup>	94.9 <sup>8</sup>	93.5 / 93.4 <sup>9</sup>	87.3 <sup>9</sup>		91.1 / 86.7 <sup>7</sup>	93.8 / 89.0 <sup>9</sup>	88.8 / 87.3 <sup>9</sup>	90.4 <sup>9</sup>	94.8 / 96.3 <sup>9</sup>	91.2 <sup>9</sup>	98.8 / 98.2 <sup>9</sup>
Sound power levels(dB(A)) (Nozzle type A / Nozzle type B)	104.4 <sup>7</sup>	106 <sup>7</sup>	105.8 <sup>8</sup>	104.9 / 104.6 <sup>9</sup>	102.1 <sup>9</sup>		106.6 / 102.6 <sup>7</sup>	106.6 / 104.0 <sup>9</sup>	102.6 / 102.1 <sup>9</sup>	99.5 <sup>9</sup>	105.3 / 104.9 <sup>9</sup>	100.6 <sup>9</sup>	108.8 / 108.6 <sup>9</sup>

<sup>1</sup>: Measured in accordance with ISO 10517. Uncertainty(K)=5.0m/s². <sup>2</sup>: Measured in accordance with ISO 10517. Uncertainty(K<sub>1</sub>)=2.5dB(A).  
<sup>3</sup>: Measured in accordance with ISO 10517. Uncertainty(K<sub>1</sub>)=2.5dB(A). <sup>4</sup>: Unit with standard blower / vacuum pipe A, empty tank. <sup>5</sup>: With standard pipe A.  
<sup>6</sup>: Measured in accordance with ISO 7916. Uncertainty(K)=5.0m/s²(HANDHELD), 4.1m/s²(VACUUM), 1.7m/s²(BACKPACK).  
<sup>7</sup>: Measured in accordance with ISO 11904. Uncertainty(K<sub>1</sub>,K<sub>2</sub>)=2.5dB(A).  
<sup>8</sup>: Measured in accordance with EN 15503. Uncertainty(K)=5.0m/s²(HANDHELD), 4.1m/s²(VACUUM), 1.7m/s²(BACKPACK).  
<sup>9</sup>: Measured in accordance with EN15503. Uncertainty(K<sub>1</sub>,K<sub>2</sub>)=2.5dB(A). <sup>10</sup>: Measured in accordance with ANSI/OSHA B175.2.

# SPECIFICATIONS

## PRO ATTACHMENT SERIES™

PRO ATTACHMENT SERIES™	
PAS-2620ES	
Configuration	EJ
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

<sup>1)</sup> Unit without attachment

## DUSTERS / MIST BLOWERS GRANULE SPREADER

	MIST BLOWERS	DUSTERS / MIST BLOWERS	DUSTER / GRANULE SPREADER
	MB-580	DM-6110	DMC-800-26
Configuration	RUS	BASIC, RUS	TAIWAN
Engine displacement (cm³)	58.2	58.2	58.2
Maximum engine power (kW / ps)	2.50 / 3.40	2.50 / 3.40	2.87 / 3.90
Dry weight <sup>2)</sup> (kg)	11.4	11.2	11.1
Fuel tank capacity (mL)	1830	1700	1700
Fuel consumption at maximum engine power (L/h)	1.8	1.8	2.11
Chemical tank capacity (L)	20.0	23.0	26.0
Average air volume (m³/h)	714	684	720
Misting maximum discharge (L / min)	4.7	4.6	4.0
Dusting maximum discharge (kg / min)	-	5	7
Granule maximum discharge (kg / min)	-	18	18

<sup>2)</sup> Unit without blower pipe and related parts

## POWER SPRAYERS

	POWER SPRAYERS				
	SHP-2110	SHP-800	SHP-800S	SHP-800BS	SHP-800-2
Configuration	BASIC	BASIC	BASIC	BASIC	BASIC
Engine displacement (cm³)	21.2	22.8	22.8	22.8	22.8
Output (kW / ps)	0.6 / 0.8	0.74 / 1.01	0.74 / 1.01	0.74 / 1.01	0.74 / 1.01
Dry weight <sup>3)</sup> (kg)	10.1	9.0	9.4	9.5	9.0
Fuel tank capacity (mL)	620	750	750	750	750
Fuel consumption at maximum engine power (L/h)	0.46	0.71	0.71	0.71	0.71
Chemical tank capacity	Nominal volume (L)	25	25	25	25
	All capacity (L)	26.6	-	-	-
Start assist system	-	-	i-start	i-start	-
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
Pump	Type	Plunger pump	Piston	Piston	Piston
	Maximum pressure (kgf / cm²)	23.5	25.0	25.0	25.0
	Water absorption (L / min)	7.1	5.8	5.8	5.8

<sup>3)</sup> Unit without spraying hose and nozzle

## ENGINE CUTTER

	ENGINE CUTTER	
	CSG-680	CSG-7410ES
Configuration	RUS	EJ, RUS
Engine displacement (cm³)	66.8	73.5
Output (kW / ps)	3.0 / 4.08	3.2 / 4.4
Dry weight <sup>4)</sup> (kg)	11.5	10.7
Fuel tank capacity (mL)	640	700
Fuel consumption at maximum engine power (L/h)	2.30	2.1
Ignition system	CDI	CDI
Start-assist system	-	ES-Start Decomp
Applicable blade diameter (mm / inch)	355 / 14	350 / -
Installable size of blade inner diameter (mm)	20	20

<sup>4)</sup> Unit without cutting blade

## EARTH AUGER

EARTH AUGER	
EA-410	
Configuration	BASIC, RUS
Engine displacement (cm³)	42.7
Output (kW / ps)	1.68 / 2.28
Dry weight <sup>5)</sup> (kg)	9.8
Fuel tank capacity (mL)	1000
Fuel consumption at maximum engine power (L/h)	1.2
Gear reduction ratio	30.2
Throttle lockout	○

<sup>5)</sup> Unit without auger attachment and tank

## ENGINE DRILL

ENGINE DRILL	
EDR-2400	
Configuration	AUS
Engine displacement (cm³)	23.6
Output (kW / ps)	0.68 / 0.92
Dry weight <sup>6)</sup> (kg)	4.7
Fuel tank capacity (mL)	450
Fuel consumption at maximum engine power (L/h)	0.67
Gear reduction ratio	17.1 (18.6 reverse)
Throttle setting device	○
Chuck type	Keyless chuck
Reversible function	○

<sup>6)</sup> Unit without drill

## CORDED PRODUCTS

	CHAIN SAWS			TRIMMERS		HEDGE TRIMMERS	
	CS-1800	CS-2000	CS-2400	EGT-350	EGT-520	HC-560	HCR-610
Motor power (W)	2400	2000	2400	350	520	500	700
AC voltage (V)	230	230	230	230	230	230	230
Dry weight (kg)	3.95 <sup>7)</sup>	3.97 <sup>7)</sup>	3.95 <sup>7)</sup>	2.1 <sup>8)</sup>	2.9 <sup>8)</sup>	3.64	3.92
Frequency (Hz)	50	50	50	50	50	50	50
Oil tank capacity (mL)	200	150	200	-	-	-	-
Saw chain pitch (inch)	3/8	3/8	3/8	-	-	-	-
Guide bar gauge (inch)	0.050	0.050	0.050	-	-	-	-
Applicable bar length (cm)	35	35	40	-	-	-	-
Chain brake	Automatic	Automatic	Automatic	-	-	-	-
Chain tensioner	Side access	Side access	Side access	-	-	-	-
Cutting length (mm)	-	-	-	250	300	560	600
Rotating handle	-	-	-	-	-	-	○
Cutter type	-	-	-	-	-	Double	Double
Cutter pitch (mm)	-	-	-	-	-	22	29

<sup>7)</sup> Without guide bar and saw chain  
<sup>8)</sup> Unit without cutting attachment and shield

## 50V BATTERY SERIES

	CHAIN SAW	HANDHELD BLOWER	DOUBLE-SIDED HEDGE TRIMMER	TRIMMER	MULTI TOOL
	DCS-1600	DPB-600	DHC-200	DSRM-300	DPAS-300
Rated Voltage (V)	50.4	50.4	50.4	50.4	50.4
Dry weight (kg)	3.1 <sup>9)</sup>	3.2 <sup>11)</sup>	3.3 <sup>11)</sup>	3.6 <sup>14)</sup>	3.1 <sup>14)</sup>
Run Time (min)	Up to 32 <sup>10)</sup>	Up to 15 <sup>10)</sup>	Up to 60 <sup>13)</sup>	Up to 22 <sup>13)</sup> (14 inch) Up to 30 <sup>13)</sup> (12 inch)	Up to 19 <sup>13)</sup> (DPAS-TRIMMER) Up to 32 <sup>13)</sup> (DPAS-HCA) Up to 21 <sup>13)</sup> (DPAS-PP)
Chain oil tank capacity (mL)	380	-	-	-	-
Saw chain pitch (inch)	3/8	-	-	-	-
Guide bar gauge (inch)	0.043	-	-	-	-
Applicable bar length (cm / inch)	35 / 14	-	-	-	-
Nozzle Type	-	Round Straight	-	-	-
Air Volume (m³/h)	-	648 <sup>12)</sup>	-	-	-
Max Air Speed (m/sec)	-	72.5 <sup>12)</sup>	-	-	-
Cutter Type	-	-	Double	-	-
Cutting Length (mm)	-	-	624	-	-
Cutter Pitch (mm)	-	-	30	-	-
Cutter Clearance	-	-	Adjustable-free	-	-
Drive Shaft Type	-	-	-	Solid	Solid
Drive Shaft Diameter (mm)	-	-	-	6.0	6.0
Main Shaft Diameter (mm)	-	-	-	25.0	25.0

<sup>9)</sup> Unit without battery, guide bar and saw chain  
<sup>10)</sup> With standard 4Ah battery  
<sup>11)</sup> Unit without battery  
<sup>12)</sup> With standard pipes  
<sup>13)</sup> With standard 2Ah battery  
<sup>14)</sup> Unit without battery, cutting attachment and shield

# PRODUCT ICONS



Model certified for CE.



Model certified for RoHS.



Spring-assisted starting system for easier starting.



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



Capacitor Discharge Ignition system for easy starting and smooth acceleration.



Heavy duty air filter for reduced maintenance and less downtime.



Super anti-vibration system for reduced vibration.



Low-tone for comfortable operation.



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



Spike as standard.



Spike as optional.