

ECHO[®]



PRODUCT CATALOGUE

DEPEND ON IT

www.echo-tools.co.uk

WELCOME

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

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

As technology and our users' needs evolve, so too do we. Our aim is not to react to changes in the market, but to be at the forefront. We do this by putting our dedication to producing the highest quality products above all else.

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

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

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



Hiroshi Kubo
CEO

Yamabiko Corporation
Ohme, Tokyo, Japan

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HISTORY

AND INTO THE FUTURE



1947 OUR FIRST PRODUCT RELEASED



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

1973 OIL CRISIS SEES RISE OF CS-302V

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.

THE ESSENCE OF ECHO

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

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

Skilled Craftsmen

For over 70 years we've been producing durable, dependable products. It starts with engineers who understand the requirements of the applications and optimise performance, durability and ergonomics. They are followed by those in manufacturing who take great pride in what they do: create components to exacting specifications and assemble them into products worthy of the ECHO name.

Integrated Production

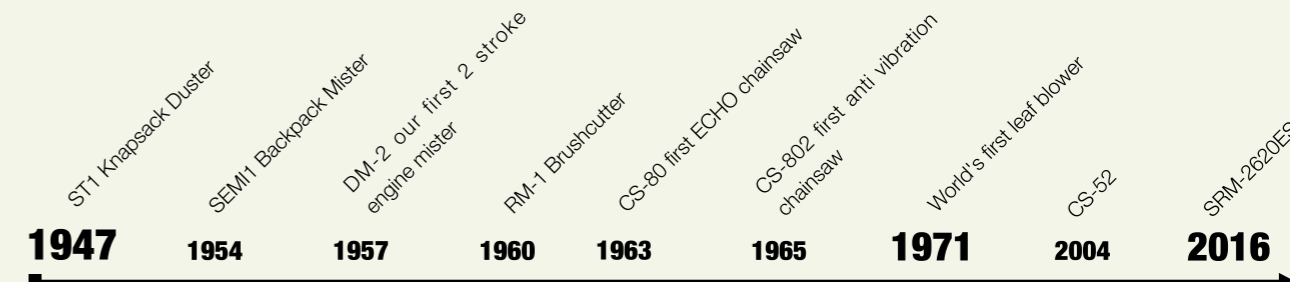
The engine is the heart of our products and we control the entire process. Our vertically integrated system starts with ingots and includes casting, machining, heat treating, polishing and plating; all done in Japan. When you are famous for your engines, you don't want to put your reputation in someone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

World Class Technology

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

Relentless Commitment to Quality

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



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 petrol 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 75 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.

TRANSFORM. YOUR GARDEN, PLUS OUR EXPERTISE.

ONE 40V BATTERY FITS ALL

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

TRANSFORM. YOUR GARDEN, PLUS OUR EXPERTISE.

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

Created with the experience of over 75 years in the industry, Garden+ tools are the lightest weight in our product line up, whilst being easy to use and powerful. Designed to feel intuitive to use and comfortable in your hands, features like the rotatable handle on the DHC-310 hedge trimmer provide unrivaled ease of use and precision. Adapt to any task with a tool for every need. So, whether you're trimming, cutting, pruning or mowing, just connect, power on and transform

A WARRANTY YOU CAN DEPEND ON

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



2 + 1 year with product registration

GARDEN 
SERIES



CHAIN SAW DCS-310

Rated voltage: 36.0V // Dry weight^{*1}: 2.9kg
Bar size: 30cm / 12in
Run time: Up to 41 mins with 4.0Ah battery



GRASS TRIMMER DSRM-310

Rated voltage: 36.0V // Dry weight^{*2}: 2.35kg
Run time: Up to 92 mins with 4.0Ah battery



HEDGE TRIMMER DHC-310

Rated Voltage: 36.0V // Dry weight^{*3}: 2.65kg
Cutting length: 604mm / 24"
Run time: Up to 118 mins with 4.0Ah battery



BLOWER DPB-310

Rated voltage: 36.0V // Dry weight^{*4}: 2.2kg
Air volume: (STD) 617m³/h, (Boost) 685m³/h
Max. air speed:(STD) 45.8m/sec,(Boost) 50.6m/sec
Run time: Up to 21 mins with 4.0Ah battery



LONG REACH HEDGE TRIMMER DHCA-310

Rated voltage: 36.0V // Dry weight^{*2}: 3.6kg
Cutting length: 488mm/ 19"
Run time: Up to 111 mins with 4.0Ah battery



POWER PRUNER DPPF-310

Rated voltage: 36.0V // Dry weight^{*2}: 3.4kg
8" Guide bar
Run time: Up to 95 mins with 4.0Ah battery



BATTERY & CHARGER



LAWN MOWER (PUSH) DLM-310/35P

Rated Voltage: 36.0V
Dry weight^{*5}: 14.2kg
14" Polypropylene deck
Run time: 200:400m² with 4.0Ah battery



LAWN MOWER (PUSH) DLM-310/46P

Rated Voltage: 36.0V
Dry weight^{*5}: 24.3kg
18" Steel deck
Run time: 300-500m² with 4.0Ah battery



LAWN MOWER (SELF PROPELLED) DLM-310/46SP

Rated Voltage: 36.0V
Dry weight^{*5}: 27.6kg
18" Steel deck, Dual battery port
Run time: 200-400m² with 4.0Ah battery

BATTERY LBP-36-80

Rated Voltage: 36.0V // Battery Type: Li-ion
Battery Capacity: 80Wh // Weight: 0.7kg



BATTERY LBP-36-150

Rated Voltage: 36.0V // Battery Type: Li-ion
Battery Capacity: 150Wh // Weight: 1.0kg



CHARGER LC-3604

Fits all ECHO Garden+ Series batteries.



PROFESSIONAL

BATTERY SERIES



POWER FOR THE PROFESSIONAL

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

56V EFFICIENT AND RELIABLE POWER SOURCE

The 56 eFORCE battery utilises the very latest in lithium-ion technology to bring you more energy, more versatility and longer run times. This means you receive the power you need no matter how heavy the workload. Both the 2.5Ah and 5Ah batteries are compatible across the entire range of tools (DCS-2500T is only compatible with the 2.5Ah battery). The 2.5Ah battery is light weight and ergonomic whilst the 5Ah battery gives you extended run time. Advanced lithium-ion technology means you get full power until the battery is completely depleted.



TOOLS YOU CAN DEPEND ON

Alongside new technologies, the tools take full advantage of the features and quality ECHO is renowned for in the industry; including category leading light weight construction, quick loading professional grade trimmer heads and ergonomic handle designs. Unique features include 'Quick Draw' on the DCS-2500T for hooking and unhooking your chain saw with one fluid motion and a unique dual fan system, found on the DPB-2600, which draws air equally from both sides giving more power and balance with unimpeded flow should one side be accidentally blocked. The fusion of these new technologies with ECHO's decades of expertise forms the backbone of the Professional Series tools.

INDUSTRY LEADING WARRANTY

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





CHAIN SAW
DCS-2500T DCS-2500T C

Rated voltage: 50.4V // Dry weight*1: 1.6kg
Bar size: 25cm / 10in
Run time: Up to 30 mins with 2.5Ah battery
Vibration*3: 3.3m/s² / 4.3m/s²



CHAIN SAW
DCS-3500

Rated voltage: 50.4V // Dry weight*1: 2.9kg
Bar size: 35cm / 14in
Run time: Up to 49 mins with 5.0Ah battery



T-SHAPED TRIMMER
DTT-2100

Rated voltage: 50.4V // Dry weight*1: 3.7kg
Cutting length 464mm / 18in
Run time: Up to 80min with 5.0Ah battery



HEDGE TRIMMER
DHCS-2800

Rated voltage: 50.4V // Dry weight*1: 2.9kg/
Cutting length: 714mm / 28in
Run time: Up to 61min with 2.5Ah battery



GRASS TRIMMER
DSRM-2600

Rated voltage: 50.4V // Dry weight*2: 3.1kg (LOOP HANDLE),
3.7kg (U HANDLE). Run time: Up to 43 mins with 5.0Ah battery
Vibration*3: 1.3m/s² / 1.5m/s² (Loop Handle)
2.1m/s² / 1.4m/s² (U Handle)



CHAIN SAW
DCS-2500

Rated voltage: 50.4V // Dry weight*1: 2.0kg
Bar size: 30cm / 12in
Run time: Up to 32 mins with 2.5Ah battery



BLOWER
DBP-2600

Dual Intake Blower
Rated voltage: 50.4V // Dry weight*1: 2.5kg
Air volume*5: (STD) 697m³/h, (Boost) 798m³/h
Max. air speed: (STD) 69.7m/sec, (Boost) 79.5m/sec
Run time: Up to 20min with 5.0Ah battery



HEDGE TRIMMER
DHC-2200R/2800R

Cutting length: 562mm (2200R) 714mm (2800R)
Rated voltage: 50.4V // Dry weight*1: 2.9kg (2200R) 3.1kg (2800R)
Run time: Up to 65min with 2.5Ah battery
Rotating Handle



MULTI-TOOL



MULTI-TOOL
DPAS-2600

Rated voltage: 50.4V // Dry weight*4: 2.4kg



BATTERIES & CHARGER



2.5Ah BATTERY
LBP-50-150

Rated Voltage: 50.4V
Battery Type: Li-ion
Battery Capacity: 113Wh
Weight: 1.0kg



5.0Ah BATTERY
LBP-50-250

Rated Voltage: 50.4V
Battery Type: Li-ion
Battery Capacity: 226Wh
Weight: 1.8kg



CHARGER
LCJQ-560

Battery charging time
2.5Ah battery : 30min (80%), 47min(100%)
5.0Ah battery : 60min (80%), 89min (100%)



**POWERFUL.
LIGHT WEIGHT.
GREATER
PRODUCTIVITY.**

BEST IN CLASS PRODUCTS



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

Best-in-class Features

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

Withstand tough conditions

The equipment is tested in extreme conditions to assure easy starting and smooth operation, whatever the environment. Large fuel tanks and super efficient, low-emission engines allow for extended run times. Better air filtration is provided by using heavy-duty systems that minimise risk of engine troubles and prolong maintenance cycles.

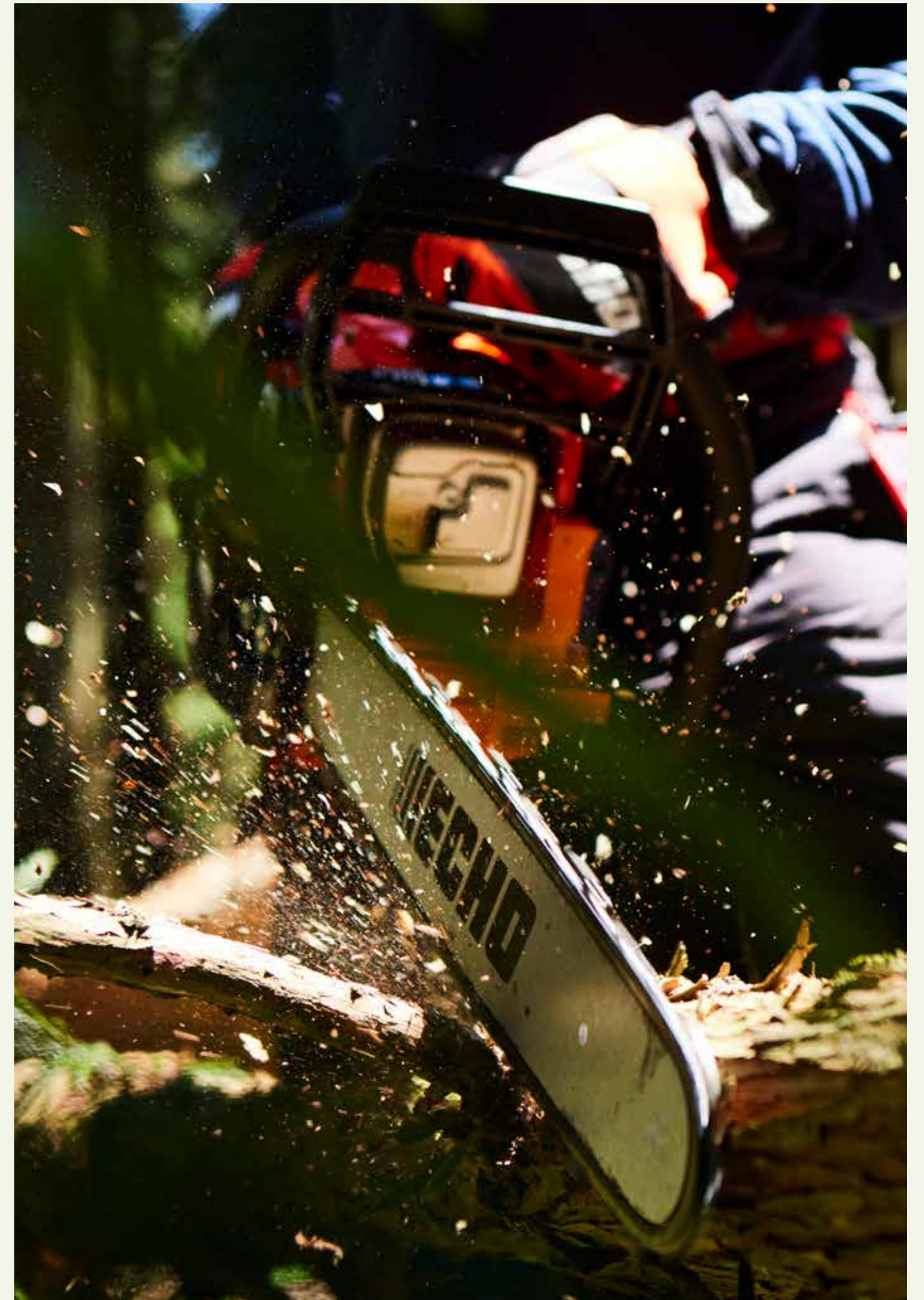
Low weight. High power. Greater productivity

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

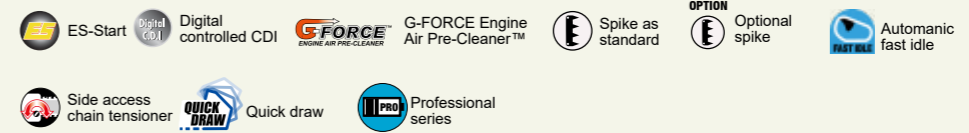
CHAIN SAWS

OVERVIEW

ECHO chain saws are built to last. Since our first saw in 1963 we have been innovating and improving. The lineup now extends to 73.5cc with the inclusion of the CS-7310SX. The new CS-4010 is a farmers' saw that's a cut above the competition. With a 0.45 power-to-weight ratio and packed with professional grade features, it sets a new standard for all-round, petrol saws. Features to maximise your efficiency include vibration-reduction systems, automatic oilers, inertia chain brakes, electronic management systems and our patented technology, 'G-Force' which greatly reduces the need for engine maintenance. Whether you're cutting, pruning or felling, ECHO has a chain saw you can depend on.



CHAIN SAWS



X DCS-2500T / DCS-2500T C

Rated voltage: 50.4V
 Dry weight*1: 1.6kg
 Bar size: 25cm / 10in
 Run time: Up to 30 mins with 2.5Ah battery



X CS-2511TES

Engine displacement: 25.0cc // Output: 1.11kW / 1.51ps
 Dry weight*2: 2.3kg
 Bar size: 25cm / 10in
 Vibration*3: 3.5m/s² / 4.0m/s²



NEW

X DCS-2500

Rated voltage: 50.4V
 Dry weight*1: 2.0kg
 Bar size: 30cm / 12in
 Run time: Up to 32 mins with 2.5Ah battery



X CS-2511WES / CS-2511WESC

Engine displacement: 25.0cc // Output: 1.1kW / 1.5ps
 Dry weight*2: 2.6kg
 Bar size: 30 / 12in (CS-2511WES) 25cm/10in (CS-2511WESC)
 Vibration*3: 4.5m/s² / 4.6m/s²



Carving Bar

X CS-2511TES C

Engine displacement: 25.0cc // Output: 1.11kW / 1.51ps
 Dry weight*2: 2.3kg // Bar size: 25cm / 10in
 Vibration*3: 3.5m/s² / 4.0m/s²



X CS-362TES

Engine displacement: 35.8cc // Output: 1.50kW / 2.04ps
 Dry weight*2: 3.6kg // Bar size: 30, 35cm / 12, 14in
 Vibration*3: 3.8m/s² / 4.2m/s²



X DCS-310

Rated voltage: 36.0V
 Dry weight*1: 2.9kg
 Bar size: 30cm / 12in
 Run time: Up to 41 mins with 4.0Ah battery



X CS-310ES

Engine displacement: 30.5cc // Output: 1.1kW / 1.5ps
 Dry weight*2: 4.0kg // Bar size: 30, 35cm / 12, 14in
 Vibration*3: 4.1m/s² / 6.8m/s²



X DCS-3500

Rated voltage: 50.4V
 Dry weight*1: 2.9kg
 Bar size: 35cm / 14in
 Run time: Up to 49 mins with 5.0Ah battery

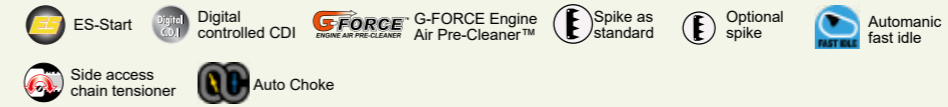


X CS-3510ES

Engine displacement: 34.4cc // Output: 1.5kW / 2.1ps
 Dry weight*2: 3.7kg // Bar size: 35cm / 14in
 Vibration*3: 4.1m/s² / 6.8m/s²



CHAIN SAWS



CS-3510AC

Engine displacement: 34.4cm³ // Output: 1.5kW / 2.1ps
 Dry weight^{*2}: 3.8kg // Bar size: 35cm / 14in
 Vibration^{*3}: 4.0m/s² / 5.0m/s²



CS-362WES

Engine displacement: 35.8cm³ // Output: 1.49kW / 2.03ps
 Dry weight^{*2}: 3.8kg // Bar size: 35cm / 14in
 Vibration^{*3}: 5.9m/s² / 6.3m/s²



CS-4510ES

Engine displacement: 45.0cm³ // Output: 2.3kW / 3.1ps
 Dry weight^{*2}: 5.0kg // Bar size: 38, 45cm / 15, 18in
 Vibration^{*3}: 2.6m/s² / 2.8m/s²



CS-4920

Engine displacement: 50.1cm³ // Output: 2.5kW / 3.4ps
 Dry weight^{*1}: 5.0kg // Bar size: 45cm / 18in
 Vibration^{*3}: 3.5m/s² / 3.4m/s²



CS-4010

Engine displacement: 41.6cm³ // Output: 1.9kW / 2.6ps
 Dry weight^{*2}: 4.2kg // Bar size: 38cm / 15in
 Vibration^{*3}: 2.7m/s² / 5.3m/s²



CS-420ES

Engine displacement: 40.2cm³ // Output: 1.6kW / 2.2ps
 Dry weight^{*2}: 4.6kg // Bar size: 38cm / 15in
 Vibration^{*3}: 4.4m/s² / 6.4m/s²



CS-501SX

Engine displacement: 50.2cm³ // Output: 2.57kW / 3.50ps
 Dry weight^{*1}: 4.7kg // Bar size: 45cm / 18in
 Vibration^{*3}: 5.2m/s² / 5.4m/s²



CS-590

Engine displacement: 59.8cm³ // Output: 3.0kW / 4.1ps
 Dry weight^{*1}: 6.0kg // Bar size: 50cm / 20in
 Vibration^{*3}: 4.4m/s² / 4.7m/s²



CS-4310SX

Engine displacement: 42.9cm³ // Output: 2.3kW / 3.1ps
 Dry weight^{*2}: 4.3kg // Bar size: 33, 40cm / 13, 16in
 Vibration^{*3}: 2.3m/s² / 2.1m/s²



CS-621SX

Engine displacement: 59.8cm³ // Output: 3.2kW / 4.4ps
 Dry weight^{*1}: 6.3kg // Bar size: 45, 50, 60cm / 18, 20, 24in
 Vibration^{*3}: 4.2m/s² / 5.2m/s²



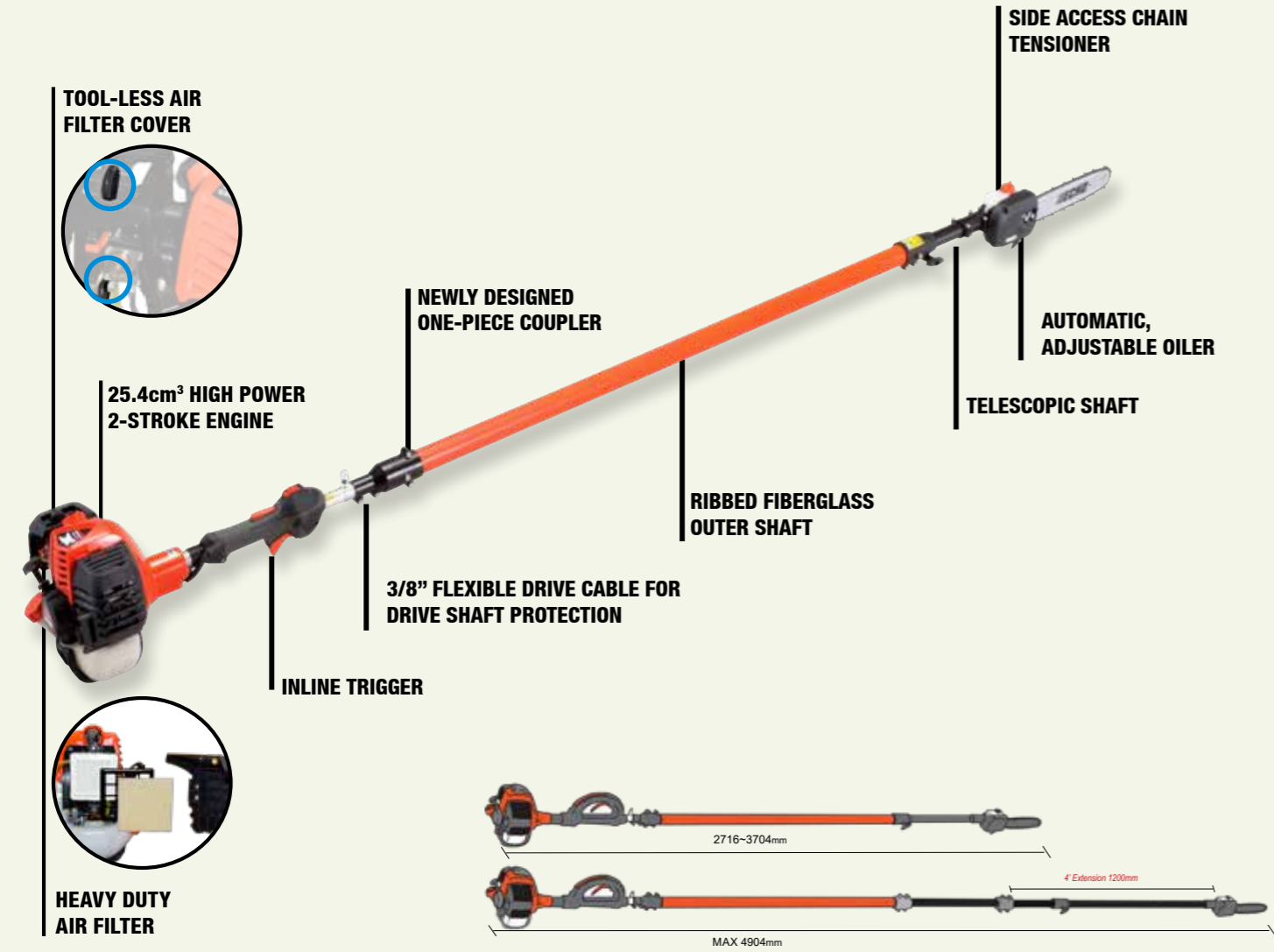
CS-7310SX

Engine displacement: 73.5cm³ // Output: 4.1kW / 5.6ps
 Dry weight^{*1}: 6.7kg // Bar size: 50, 60, 70cm / 20, 24, 28in
 Vibration^{*2}: 4.2m/s² / 3.8m/s²



POWER PRUNERS® OVERVIEW

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



PPT-2620HES

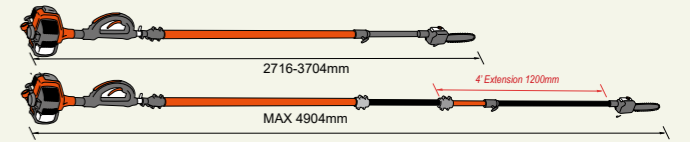


PPT-2620HES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
Dry weight*1: 7.7kg // Overall length: 2716-3704mm
Vibration*2: 4.3m/s² / 4.5m/s²



*1: Without guide bar and saw chain.



NEW



DPPF-310

Rated voltage: 36.0V // Dry weight*2: 3.4kg
8" Guide bar
Up to 95min run time (4.0Ah)
Maximum length of 2700mm adjustable to 2050mm by removing one section.

POWER PRUNERS® ACCESSORIES



**4' EXTENSION
PPT-999464-00023**

Length: 1200mm
Item# C9500496



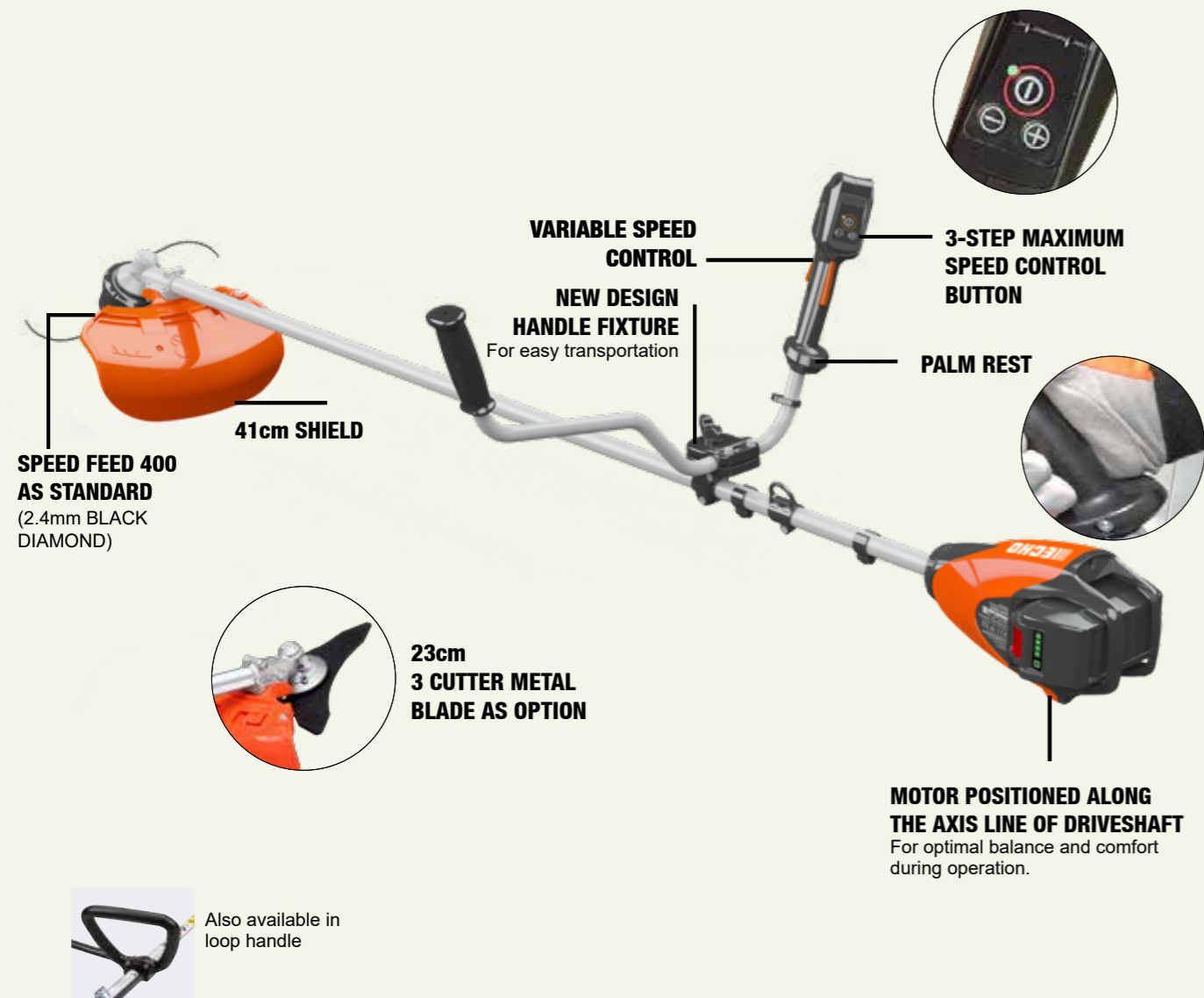
**HEDGETRIMMER
PPA-AH-HD**

Item# 28350251



TRIMMERS & BRUSHCUTTERS OVERVIEW

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



DSRM-2600



TRIMMERS & BRUSHCUTTERS

ES-Start
 Digital controlled CDI
 Heavy duty air filter
 U handle
 Loop handle
 Professional series



DSRM-310

Rated voltage: 36.0V // Dry weight*1: 2.4kg
Run time: Up to 92min on 4.0Ah battery



GT-222ES

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0ps
Dry weight*1: 4.3kg Vibration*2: 4.7m/s² / 5.4m/s²



SRM-3021TES

Engine displacement: 30.5cm³ // Output: 1.3kW / 1.8ps
Dry weight*1: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE)
Vibration*4: 3.5m/s² / 2.6m/s²



SRM-3611T

Engine displacement: 36.3cm³ // Output: 1.4kW / 1.9ps
Dry weight*1: 6.1kg (LOOP HANDLE), 6.3kg (U HANDLE)
Vibration*4: 5.8m/s² / 3.9m/s²



SRM-222ES

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0 ps
Dry weight*2: 4.5kg
Vibration*4: 4.9m/s² / 5.9m/s²



SRM-237TES

Engine displacement: 21.2cm³ // Output: 0.71kW / 0.97ps
Dry weight*1: 5.1kg (LOOP HANDLE), 5.4kg (U HANDLE)
Vibration*4: 3.7m/s² / 2.9m/s²



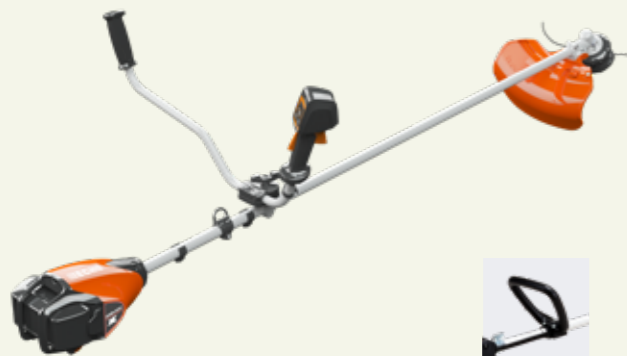
SRM-420TES

Engine displacement: 41.5cm³ // Output: 1.8kW / 2.4ps
Dry weight*1: 8.7kg (U HANDLE)
Vibration*4: 2.3m/s² / 3.7m/s²



SRM-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps
Dry weight*1: 9.0kg
Vibration*2: 3.0m/s² / 2.7m/s²



DSRM-2600

Rated voltage: 50.4V
Dry weight*2: 3.2kg (LOOP HANDLE), 3.7kg (U HANDLE)
Run time: Up to 43 mins on 5.0Ah battery



SRM-2621TES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
Dry weight*1: 5.6kg (LOOP HANDLE), 5.7kg (U HANDLE)
Vibration*4: 5.4m/s² / 3.0m/s²



BRUSHCUTTER **BACKPACK**



RM-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps
 Dry weight^{*1}: 11.9g Vibration^{*2}: 5.3m/s² / 4.0m/s²



BRUSHCUTTER **ACCESSORIES**



PRS-231M
Power Rotating Scissors

Item# C6000196
 Pipe sleeves and gear case adapters included.

BRUSHCUTTER HARNESS



ERGONOMIC HARNESS

Part# C062000550

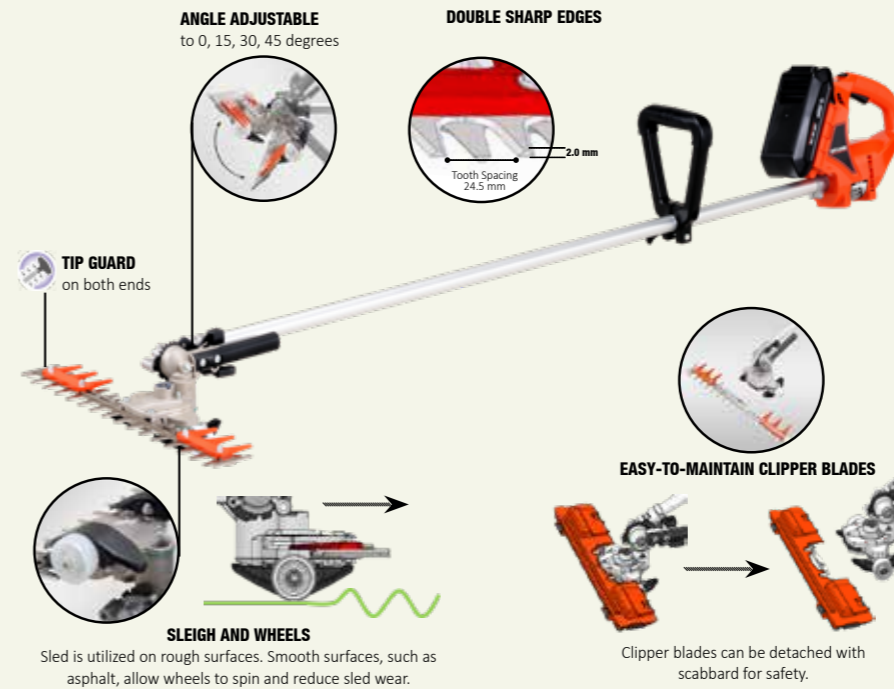


ERGO PRO

Part# C062000611

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

T-SHAPED TRIMMER



	Rated Voltage (V)	Dry Weight ^{*1} (kg)	Cutter Type	Cutting Length (mm)	Cutter Pitch (mm)	Tooth Spacing (mm)	Run Time ^{*2} (min)
DTT-2100	50.4	3.7	Double	464	30	24.5	LBP-50-150 : 40 LBP-50-250 : 80

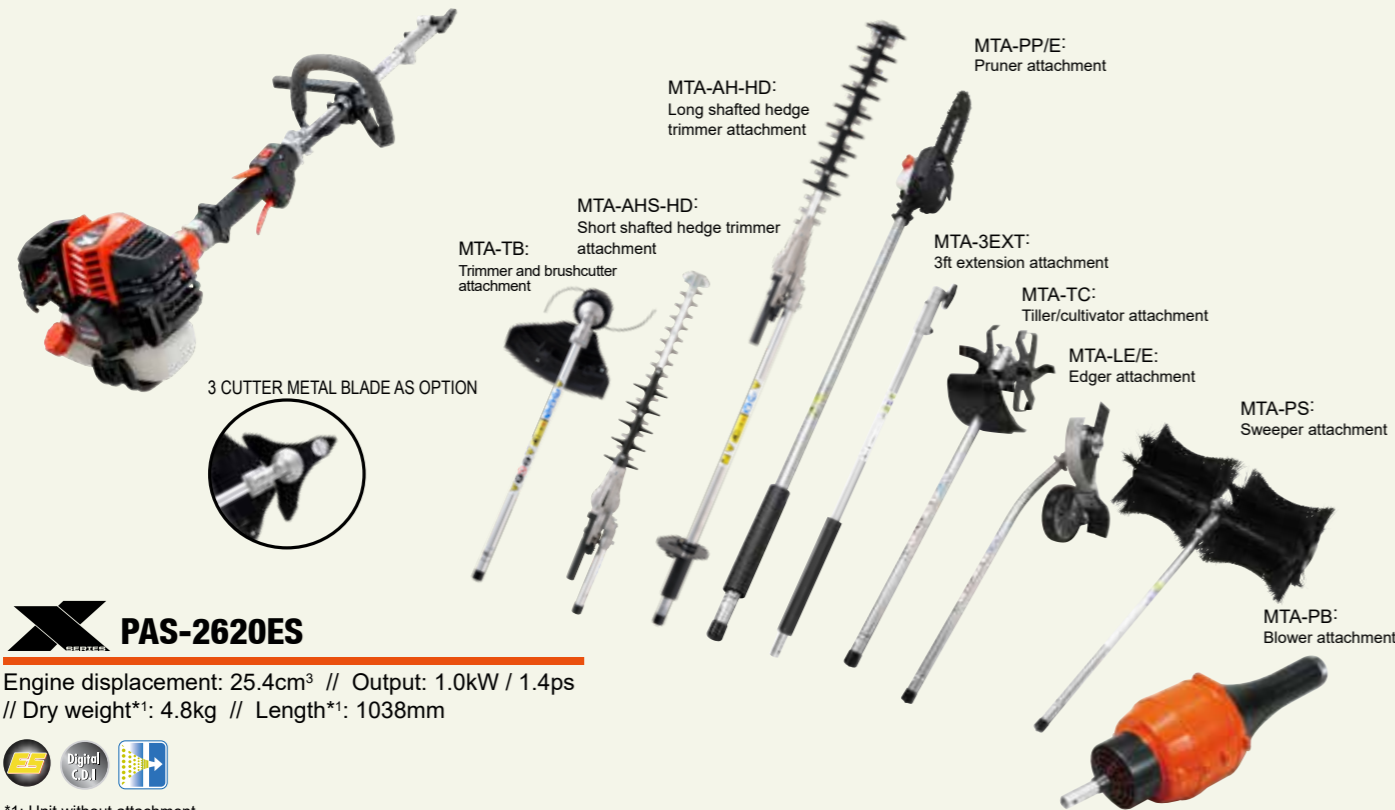
DTT-2100

A NEW TRIMMING SOLUTION, FOR EFFICIENCY AND PEACE OF MIND.

The ECHO DTT-2100 utilizes the 56 eFORCE battery platform and has been designed for hassle-free professional work, with little, to no disruption to the immediate environment or bystanders. The unique T-shaped cutting head trims quickly and precisely without the risk of throwing objects or damaging surfaces it comes into contact with. This means you can trim quickly and confidently in areas with damageable property, like windows or vehicles. You can also trim right up against edges without the risk of any damage. The cutting head sits on 2 wheels and sleds, which allow smooth and effortless operation on both flat and uneven surfaces. Large areas can be trimmed by sweeping back and forth.



PRO ATTACHMENT SERIES™



PAS-2620ES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
// Dry weight*1: 4.8kg // Length*1: 1038mm



*1: Unit without attachment.



DPAS-2600

Rated voltage: 50.4V // Dry weight*10 2.4kg



SPECIFICATIONS

PRO ATTACHMENT SERIES™	MULTI TOOL
	PAS-2620ES
Configuration	EU
Engine displacement (cm ³)	25.4
Output (kW / ps)	1.0 / 1.4
Dry weight*1 (kg)	4.8
Length (mm)	1038
Start assist system	ES-Start
Fuel tank capacity (mL)	600
Fuel consumption at maximum engine power (L/h)	0.61

*1: Unit without attachment.

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

PRO ATTACHMENT SERIES™ ATTACHMENT

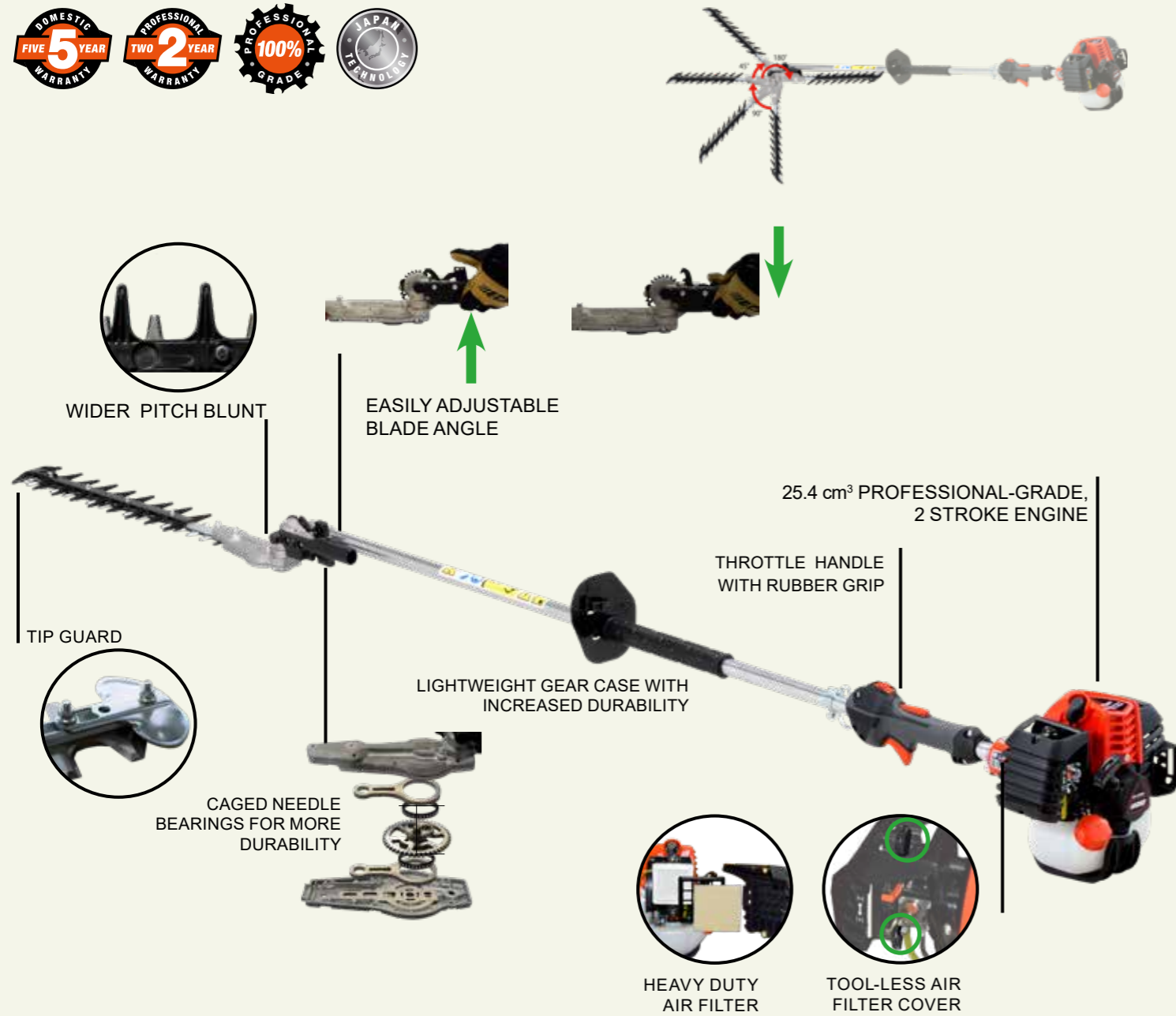
	TRIMMER / BRUSHCUTTER		HEDGE TRIMMER		HEDGE TRIMMER		POWER PRUNER®		TILLER CULTIVATOR	EDGER	PROSWEEP™	BLOWER	EXTENSION
	MTA-TB	MTA-DTB	MTA-AHS-HD		MTA-AH-HD	MTA-DAH	MTA-PP/E	MTA-DPP	MTA-TC	MTA-LE/E	MTA-PS	MTA-PB	MTA-3EXT
Dry weight (kg)	1.0*6	0.9*6	2.1		2.6	2.0	1.8*7	1.3*7	2.3	2.4*9	5.3	1.8	1.2
Run Time (min)*4*5	-	Up to 27 (SF400)	-		-	Up to 56	-	Up to 31	Up to 105	Up to 68	Up to 90	Up to 10	-
Length (mm)	815*6	818*6	966		1637	1242	1451*8	1440*8	907	787*9	797	635	1000
Drive shaft diameter (mm)	6.1	6.0	6.1		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	25	25	25
Gear reduction ratio	1.36	1.62	4.6		4.6	4.6	1.53	0.94	42.75	2.07	42.75	-	-
Cutting length (mm)	-	-	536		536	536	-	-	-	-	-	-	-
Cutter pitch (mm)	-	-	35		35	35	-	-	-	-	-	-	-
Applicable bar length (cm / inch)	-	-	-		-	-	25 / 10	25 / 10	-	-	-	-	-
Saw chain pitch (inch)	-	-	-		-	-	3/8	1/4	-	-	-	-	-
Cutting blade length (mm)	-	-	-		-	-	-	-	-	197	-	-	-
Culti rotor diameter (mm)	-	-	-		-	-	-	-	220	-	-	-	-
Culti rotor width (mm)	-	-	-		-	-	-	-	161	-	-	-	-
Maximum sweeping width (mm)	-	-	-		-	-	-	-	-	-	598	-	-
Air volume (m ³ /h)	-	-	-		-	-	-	-	-	-	-	654	-
Maximum air speed (m/sec)	-	-	-		-	-	-	-	-	-	-	52.86	-

*2: Unit without battery. *3: See Pro attachments series attachment run time *4:With 4Ah battery. *5:With DPAS-2600 power head. *6: Without cutting attachment and shield. *7: Without guide bar and saw chain. *8: With standard 25 cm guide bar and saw chain. *9: Without blade. *10: Unit without battery, cutting attachment and shield.

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 five 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.



X HCA-2620ES-HD



HEDGE TRIMMERS DOUBLE-SIDED



DHC-310

Rated Voltage: 36.0V // Dry weight¹: 2.65kg
Cutting length: 604mm
Run time: Up to 118 mins with 4.0Ah



HC-2020

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight²: 4.5kg // Cutting length: 534mm
Vibration^{*2}: 6.4m/s² / 9.7m/s²



HC-2020R

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps
Dry weight: 4.6kg // Cutting length: 534mm
Vibration^{*2}: 6.7m/s² / 6.8m/s²
Rotating Handle



HC-2320

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps
Dry weight: 4.6kg // Cutting length: 639mm
Vibration^{*2}: 8.7m/s² / 10.2m/s²



HCR-165ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps
Dry weight: 5.1kg // Cutting length: 639mm
Vibration^{*2}: 3.6m/s² / 4.8m/s²



HCR-185ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps
Dry weight: 5.3kg // Cutting length: 744mm
Vibration^{*2}: 3.9m/s² / 4.8m/s²



HC-2810ESR

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps
Dry weight: 5.2kg // Cutting length: 624mm
Vibration^{*2}: 5.9m/s² / 4.8m/s²
Rotating Handle



NEW

DHC-2200R/2800R

Cutting length: 562mm (2200R) 714mm (2800R)
Rated voltage: 50.4V // Dry weight¹: 2.9kg(2200R) 3.1kg(2800R)
Run time: Up to 65mins with 2.5Ah battery
Rotating Handle



HEDGE TRIMMERS SINGLE-SIDED



HCS-2810ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight: 4.8kg // Cutting length: 729mm
Vibration^{*2}: 8.7m/s² / 5.1m/s²



HCS-3810ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight¹: 4.9kg // Cutting length: 834mm
Vibration^{*2}: 6.0m/s² / 5.3m/s²



NEW

DHCS-2800

Rated voltage: 50.4V // Dry weight¹: 2.9kg
Cutting length: 714mm / 28in
Run time: Up to 61 mins with 2.5Ah battery



HEDGE TRIMMERS **SHAFTED**



SHORT REACH HCAS-236ES-LW

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0ps
 Dry weight: 5.9kg // Cutting length: 519mm // Overall length: 1749mm
 Vibration*²: 4.5m/s² / 7.3m/s²



LONG REACH HEDGE TRIMMER DHCA-310

Rated voltage: 36.0V // Dry weight*²: 3.6kg
 Cutting length: 488mm / 19in
 Up to 111 mins run time (4.0Ah)

ENGINE CUTTERS



LONG REACH HCA-236ES-LW

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0ps
 Dry weight: 6.2kg // Cutting length: 519mm // Overall length: 2407mm
 Vibration*²: 4.1m/s² / 3.7m/s²



LONG REACH HCA-265ES-HD

Engine displacement: 25.4cm³ // Output: 0.89kW / 1.21ps
 Dry weight: 6.5kg // Cutting length: 519mm // Overall length: 2418mm
 Vibration*²: 5.6m/s² / 6.3m/s²



LONG REACH HCA-2620ES-HD

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
 Dry weight: 6.5kg // Cutting length: 536mm // Overall length: 2440mm
 Vibration*²: 7.6m/s² / 7.2m/s²



CSG-7410ES /12 CSG-7410ES /14

Cutting blade not included

Engine displacement: 73.5cm³ // Output: 3.2kW / 4.4ps
 Dry weight*¹: 10.7kg 10.3kg (12in) // Applicable blade diameter:
 350mm 305mm (12in)



*1: Unit without cutting blade.



CART WATER KIT CWT-7410

Engine cutter CSG-7410 and blade not included.

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



BLOWERS

OVERVIEW

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



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

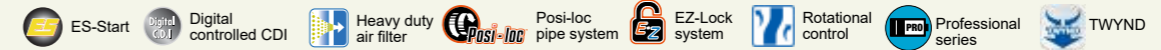


SYMMETRICAL, COMPACT DESIGN
Balance, maneuverability and accuracy.



DPB-2600

BLOWERS **HANDHELD**



BLOWERS **BACKPACK**



DPB-310

Rated voltage: 36.0V // Dry weight¹: 2.2kg
Run time: Up to 21mins with 4.0Ah battery



DPB-2600

Rated voltage: 50.4V // Dry weight¹: 2.5kg
Blowing Air Force: (STD)12.8N, (Boost)16.7N
Air volume⁴: (STD)697m³/h, (Boost)798m³/h
Max. air speed: (STD) 69.7m/sec, (Boost)79.5m/sec



PB-2520

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps
Dry weight²: 3.9kg // Blowing Air Force: 15.8N
Air volume⁴: 768m³/h // Max. air speed: 76.2m/sec



PB-2620

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps
Dry weight²: 4.4kg // Blowing Air Force: 15.8N
Air volume⁴: 774m³/h // Max. air speed: 76.7m/sec



PB-265ESLT

Engine displacement: 25.4cm³ // Output: 0.70kW / 0.95ps
Dry weight⁴: 6.0kg // Air volume²: 618m³/h
Max. air speed: 68.7m/sec // Vibration⁶ 1.3m/s²



PB-580

Engine displacement: 58.2cm³ // Output: 2.1kW / 2.8ps
Dry weight⁴: 10.3kg // Air volume³: 882m³/h
Max. air speed: 96.4m/sec
Vibration⁶ 2.0m/s² (straight pipe) 3.1m/s² (bent pipe)



PB-770

Engine displacement: 63.3cm³ // Output: 3.1kW / 4.2ps
Dry weight⁴: 11.0kg // Air volume³: 1290m³/h
Max. air speed: 104.6m/sec
Vibration⁶ 2.8m/s² (straight pipe) 1.9m/s² (bent pipe)



PB-8010

Engine displacement: 79.9cm³ // Output: 4.2kW / 5.7ps
Dry weight⁴: 11.9kg // Air volume³: 1819m³/h
Max. air speed: 94.5m/sec
Vibration⁶ 1.5m/s² (straight pipe)

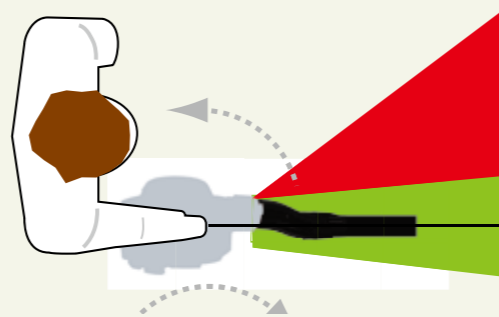


SHRED 'N' VAC[®]



ES-250ES

Engine displacement: 25.4cm³ // Output: 0.7kW / 1.0ps
Dry weight¹: 5.7kg // Blowing Air Force: 12.0N
Air volume³: 576m³/h // Max. air speed²: 81.7m/sec



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.

*1: Unit without battery.*2: Unit with standard blower or vacuum pipes.
*3: At actual usage point (measured with blower pipes).*4: Unit without blower pipes and related parts.
*5: Without battery, with blower pipe. *6: Equivalent vibration level support / trigger handle

Echorobotics Robot Lawnmowers



TM1000 Random

- Mowing capacity: Up to 12,000m²/ 3 acres
- Speed: 2.8 km/h
- Blades: 9
- Average charge time: 80mins
- Dimensions: 100cm(l)x104cm(w)x46cm(h)



TM2000 Random

- Mowing capacity: Up to 24,000m²/ 6 acres
- Speed: 3.6 km/h
- Blades: 15
- Average charge time: 80mins
- Dimensions: 111cm(l)x127cm(w)x51cm(h)



TM1050 RTK

- Mowing capacity: Up to 45,000m²/ 11 acres
- Speed: 2.8 km/h
- Blades: 9
- Average charge time: 80mins
- Dimensions: 100cm(l)x104cm(w)x46cm(h)



TM2050 RTK

- Mowing capacity: Up to 75,000m²/ 18 acres
- Speed: 3.6 km/h
- Blades: 15
- Average charge time: 80mins
- Dimensions: 111cm(l)x127cm(w)x51cm(h)

STANDARD STATIONS

Item Code	Item Description
EH-EE-060-00014	Standard Station 10 A - loop
EH-EE-060-00015	Standard Station 10 A - 2 fields loop

RTK STATIONS

Item Code	Item Description
EH-YB-062-00042	RTK base w/ Wi-Fi
EH-EE-060-00032	RTK Base V2.1 Wi-Fi - newer version
EH-YB-060-00036	RTK Base V2.1 4G
EH-YB-039-00046	RTK Wi-Fi repeater – Outdoor CPE
EH-YB-062-00044	Kit Wi-Fi repeater RTK – PoE
EH-YB-062-00045	Kit Wi-Fi repeater RTK – PoE deported

Online services Web interface & App

An unrivalled experience for users

The Echorobotics portal and app work in parallel to serve you even better. Your personal login gives access to new features that are unique on the market: modify the settings and deal with notifications remotely, geolocate and filter according to your criteria, and obtain technical support from your dealer remotely and in real time...

Customised experience

In addition to the offline features, you can benefit from advanced features. Echorobotics offers you two types of subscription: Basic and Premium.



Offline Offering
Echorobotics guarantees software updates during technical maintenance operations.



Basic Offering
The ideal formula for users who want to make the most of remote control of their Connected Line.



Premium Offering
The most complete package on the market for demanding professional users: fleet management and remote support.

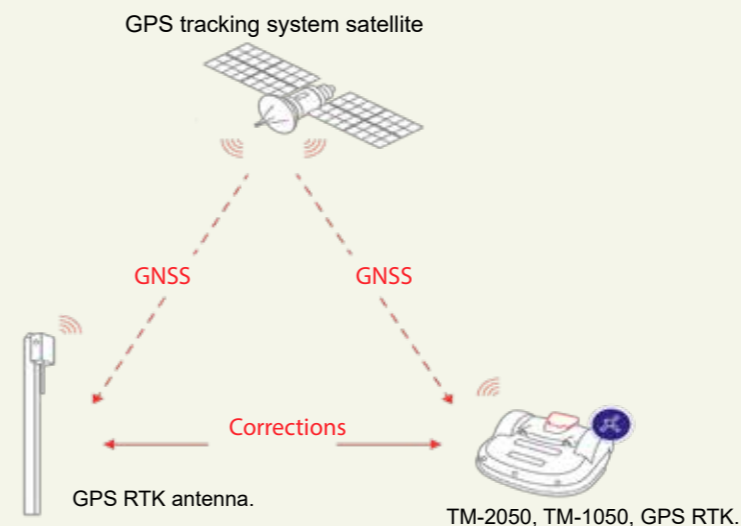
The robot is now able to:

- Mow in a pattern mode:** Say goodbye to random lines, your field can now be mown in straight lines.
- Triple the mowing capacity: With its cutting-edge new technology, the robot's performance is enhanced, it takes less time to mow the entirety of a sports field, leaving the pitch available to the players for a longer period. A single machine can now take care of more areas.

The GPS RTK process

2-3 cm accuracy.

With the real-time Kinematic installation, the robot navigates with a 2-3 cm level precision, enabling it to mow in patterns with minimal overlap.



Echorobotics - GPS RTK

Equipped with the latest navigation technology available, our robots can now navigate in pattern mode. All the advantages of our connected robots in addition to some new features with the robots equipped with a GPS RTK system.

In addition to the equipment needed for a connected line unit, the following equipment is required to benefit from these innovative features.

- A robot
- A docking station
- GPS RTK base with Wifi
- GPS RTK license



TRIMMERS & BRUSHCUTTER ACCESSORIES

HIGH DURABILITY LINE

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

ROUND LINE : Durable and lasts longer against hard surfaces



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

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



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

BLACK DIAMOND™ LINE (TWISTED, SQUARE EDGES)

CROSS FIRE® LINE (MULTI- SIDED)

ROUND LINE

SILENTWIST™ LINE (TWISTED, CURVED EDGES)



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

SPEED FEED TRIMMER HEAD

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

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



SF400

Part# C6000109

1. Line-up Arrows



2. Feed Line



3. Twist Top Disc



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



SF450

Part# x047-000580

TAP & GO NYLON CUTTING HEAD

Dia: 3.0mm (Max. 3.4mm)
Length: 2.0m



B4

B4-R: Part# X047-000381

Dia: 2.0mm (Max. 3.0mm)
Length: 2.0m



G137 100

Part# X047-000552

Dia: 2.0mm (Max. 3.0mm)
Length: 2.0m



G138

G138 500: Part# X047-000561 (w/o spacer)

Dia: 3.0mm (Max. 3.4mm)
Length: 2.0m



F4

Part# X047-000260

Dia: 3.0mm (Max. 3.4mm)
Length: 3.0m



DS-5

Part# X047-000222

Dia: 3.0mm (Max. 3.4mm)
Length: 5.0m



Z5

Part# X048-000020

Dia: 3.0mm (Max. 3.4mm)
Length: 1.5m x 2pcs



B6

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

RAPID-LOADER™ HEAD

Dia: 2.4mm (Max. 3.0mm)



RAPID-LOADER™ 25

Item# C6000229

Dia: 2.7mm (Max. 4.0mm)



RAPID-LOADER™ 35

Item# C6000256

Dia: 2.4mm (Max. 3.9mm)



2-LINE RAPID-LOADER™

Item# C9500089

Dia: 2.4mm (Max. 3.9mm)



3-LINE RAPID-LOADER™

Item# C9500092

2-STROKE ENGINE OIL ECHO POWER BLEND GOLD

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



BAR AND CHAIN OIL

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



GREASE

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



EPNOC AP2

Part# X695-000060

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



PYRONOC

Part# X695-000070

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.

GARDEN+

	CHAIN SAWS	POWER PRUNERS	TRIMMERS	DOUBLE-SIDED HEDGE TRIMMERS	SHAFTED HEDGE TRIMMERS	HANDHELD BLOWERS	LAWN MOWERS (PUSH)		LAWN MOWERS (SELF-PROPELLED)
	DCS-310	DPPF-310	DSRM-310	DHC-310	DHCA-310	DPB-310	DLM-310/35P	DLM-310/46P	DLM-310/46SP
Rated voltage (V)	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Dry weight (kg)	2.9*1	3.4*1	2.35*2	2.65*3	3.60*3	2.2*4	14.2*5	24.3*5	27.6*5
Run time (min)*6	Up to 41	Up to 95	Up to 92	Up to 118	Up to 111	Up to 21	200-400m ²	300-500m ²	200-400m ²
Chain oil tank capacity (mL)	200	80	-	-	-	-	-	-	-
Saw chain pitch (inch)	3/8	3/8	-	-	-	-	-	-	-
Guide bar gauge (inch)	0.043	0.050	-	-	-	-	-	-	-
Applicable bar length (cm / inch)	30 / 12	20 / 8	-	-	-	-	-	-	-
Nozzle type	-	-	-	-	-	Round straight	-	-	-
Air volume (m ³ /h)*7	-	-	-	-	-	(STD) 617 (Boost) 685	-	-	-
Max air speed (m/sec)	-	-	-	-	-	(STD) 45.8 (Boost) 50.6	-	-	-
Cutter type	-	-	Nylon cord	3 sides sharpened blade teeth	Double	-	Blade	Blade	Blade
Cutting length (mm)	-	-	254, 305	604	488	-	-	-	-
Cutter pitch (mm)	-	-	-	26	32	-	-	-	-
Cutting swath (mm)	-	-	-	-	-	-	350	460	460
Cutting height (mm)	-	-	-	-	-	-	20-70	25-80	25-80
Main shaft diameter (mm)	-	-	25.4	-	-	-	-	-	-
Vibration levels (m/s ²)*10	2.5 / 2.7	0.96	5 / 6.5	2.2 / 1.7	1.4 / 1.7	0.6 (4Ah)	∅2.5	∅2.5	∅2.5
Sound pressure levels (dB(A))*10	85.0	84.4	83.9	84.0	85.0	89.0	82.0	84.2	84.2
Sound power levels (dB(A))*10	95.4	92.4	92.7	95.0	93.0	95.4	89.3	91.7	91.7
Un-certainty *10	(K)	Vibration levels (m/s ²)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	(K _{pa})	Sound pressure levels (dB(A))	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	(K _{wa})	Sound power levels (dB(A))	3.0	3.0	3.0	3.0	3.0	2.2	0.4

*7: Unit without battery, guide bar and saw chain. *8: With 4Ah battery. *9: Unit without battery. *10: With standard pipes. *11: With 2Ah battery. *12: Unit without battery, cutting attachment and shield. *13: See Pro attachments series attachment run time

PROFESSIONAL BATTERY SERIES

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

PROFESSIONAL BATTERY SERIES

	T-SHAPED GRASS TRIMMER	PRO ATTACHMENT SERIES™	DOUBLE-SIDED HEDGE TRIMMERS		SINGLE-SIDED HEDGE TRIMMERS	HANDHELD BLOWERS
	DTT-2100	DPAS-2600	DHC-2200R	DHC-2800R	DHCS-2800	DPB-2600
Rated voltage (V)	50.4	50.4	50.4	50.4	50.4	50.4
Dry weight (kg)	3.7*3	2.4*7	2.9*3	3.1*3	2.9*3	2.5*4
Run time (min)	Up to 80*7	*6	Up to 65*6	Up to 65*6	Up to 61*6	Up to 20*7
Chain oil tank capacity (mL)	-	-	-	-	-	-
Saw chain pitch (inch)	-	-	-	-	-	-
Guide bar gauge (inch)	-	-	-	-	-	-
Applicable bar length (cm / inch)	-	-	-	-	-	-
Nozzle type	-	-	-	-	-	Round straight
Blowing air force (N)	-	-	-	-	-	(STD)12.8 / (Boost)16.7
Air volume (m³/h)*9	-	-	-	-	-	(STD)69.7 / (Boost)79.8
Max. air speed (m/sec)	-	-	-	-	-	(STD)69.7 / (Boost)79.5
Cutter type	Double	-	Double	Double	Single	-
Cutting length (mm)	464	-	562	714	714	-
Cutter pitch (mm)	30	-	38	38	38	-
Drive shaft type	Flexible	Flexible	-	-	-	-
Drive shaft diameter (mm)	6.1	6.1	-	-	-	-
Main pipe diameter (mm)	25.0	25.0	-	-	-	-
Gear reduction ratio	4.88	-	6.86	6.86	6.86	-
Vibration levels (m/s²)*10	2.7 / 0.9	-	3.2 / 3.4	2.3 / 3.3	3.2 / 3.0	0.9 / 0.6
Sound pressure levels (dB(A))*10	86.3	-	86.0	86.2	89.6	82.0
Sound power levels (dB(A)) *10	96.8	-	94.0	94.2	97.6	93.3
Un-certainty *10	(K)	Vibration levels (m/s²)	1.5	1.5	1.5	1.5
	(K _{pa})	Sound pressure levels (dB(A))	3.0	3.0	3.0	3.0
	(K _{wa})	Sound power levels (dB(A))	1.2	0.6	1.2	3.0

CHAINSAWS

	TOP HANDLE SAWS		
	CS-2511TES	CS-2511TES C	CS-362TES
Configuration	EU	EU	EU
Engine displacement (cm³)	25.0	25.0	35.8
Output (kW / ps)	1.11 / 1.51	1.11 / 1.51	1.50 / 2.04
Dry weight*1 (kg)	2.3	2.3	3.6
Fuel tank capacity (mL)	190	190	330
Chain oil tank capacity (mL)	140	140	243
Fuel consumption at maximum engine power (L/h)	0.68	0.68	0.88
Priming pump	○	○	○
Ignition system	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start
Chain brake	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○
Chain tensioner	Side	Side	Side
Saw chain pitch (inch)	3/8	1/4	3/8 (1/4)
Guide bar gauge (inch)	0.050	0.050 (0.043)	0.050
Applicable bar length (cm / inch)	25 / 10	25 / 10	30, 35 / 12, 14
Vibration*2 Front handle / Rear handle (m/s²)	3.5 / 4.0	3.5 / 4.0	3.8 / 4.2
Sound pressure level*3 (dB(A))	99.7	99.7	99.9
Sound power level*4 (dB(A))	110.3	110.3	110.2

CHAINSAWS

	REAR HANDLE CHAINSAWS HOME USER							
	CS-310ES	CS-3510ES	CS-3510AC	CS-420ES	CS-4010	CS-4510ES	CS-4920	CS-590
Configuration	EU	EU	EU	EU	EU	EU	EU	EU
Engine displacement (cm³)	30.5	34.4	34.4	40.2	41.6	45.0	50.1	59.8
Output (kW / ps)	1.1 / 1.5	1.5 / 2.1	1.5 / 2.1	1.6 / 2.2	1.9 / 2.6	2.3 / 3.1	2.5 / 3.4	3.0 / 4.1
Dry weight*1 (kg)	4.0	3.7	3.8	4.6	4.2	5.0	5.0	6.0
Fuel tank capacity (mL)	250	280	280	410	350	480	480	645
Chain oil tank capacity (mL)	260	230	230	280	230	330	330	300
Fuel consumption at maximum engine power (L/h)	0.68	0.85	0.85	0.95	1.06	1.19	1.32	1.68
Priming pump	○	○	○	○	○	○	○	-
Ignition system	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	Decomp
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side	Side	Side
Saw chain pitch (inch)	3/8	3/8	3/8	0.325	0.325	0.325	0.325	3/8
Guide bar gauge (inch)	0.050 (0.043)	0.043, 0.050	0.043, 0.050	0.058(0.050)	0.050	0.058, 0.050	0.050	0.058
Applicable bar length (cm / inch)	30, 35 / 12, 14	35 / 14	35 / 14	38 / 15	38 / 15	38, 45 / 15, 18	45 / 18	50 / 20
Vibration Front handle / Rear handle (m/s²)	4.1 / 6.8	4.0 / 5.0	4.1 / 5.0	4.4 / 6.4	2.7 / 5.3	2.6 / 2.8	3.5 / 3.4	4.4 / 4.7
Sound pressure level*3 (dB(A))	97.9	101.5	101.5	99.2	100.4	100.2	102.5	101.0
Sound power level*4 (dB(A))	107.7	110.4	110.9	110.0	109.4	111.9	111.8	112.2

CHAINSAWS

	REAR HANDLE CHAINSAWS PROFESSIONAL						
	CS-2511WES	CS-2511WESC	CS-362WES	CS-4310SX	CS-501SX	CS-621SX	CS-7310SX
Configuration	EU	EU	EU	EU	EU	EU	EU
Engine displacement (cm³)	25.0	25.0	35.8	42.9	50.2	59.8	73.5
Output (kW / ps)	1.1 / 1.5	1.1 / 1.5	1.49 / 2.03	2.3 / 3.1	2.57 / 3.50	3.2 / 4.4	4.1 / 5.6
Dry weight*1 (kg)	2.6	2.6	3.8	4.3	4.7	6.3	6.7
Fuel tank capacity (mL)	190	190	320	410	500	650	800
Chain oil tank capacity (mL)	140	140	230	280	280	300	360
Fuel consumption at maximum engine power (L/h)	0.67	0.67	0.86	0.95	1.54	1.81	2.33
Priming pump	○	○	○	○	-	-	-
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	Decomp	Decomp	Decomp
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side	Side
Saw chain pitch (inch)	3/8 (1/4)	3/8 (1/4)	3/8 (1/4)	0.325	0.325	3/8	3/8
Guide bar gauge (inch)	0.050 (0.043)	0.050 (0.043)	0.050	0.058	0.058 (0.050)	0.058	0.058
Applicable bar length (cm / inch)	30 / 12	30 / 12	35 / 14	33, 40 / 13, 16	45 / 18	45, 50, 60 / 18, 20, 24	50, 60, 70 / 20, 24, 28
Vibration*2 Front handle / Rear handle (m/s²)	4.5 / 4.6	4.5 / 4.6	5.9 / 6.3	4.4 / 6.4	5.2 / 5.4	4.2 / 5.2	4.2 / 3.8
Sound pressure level*3 (dB(A))	99.2	99.2	99.3	99.2	103.6	101.6	106.8
Sound power level*4 (dB(A))	109.9	109.9	109.3	110.0	113.5	113.4	116.9

*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(K_{pa})=1.5dB(A), *4: Measured in accordance with ISO 22868. Uncertainty(K_{wa})=1.0dB(A)

POWER PRUNERS®

	PPT-2620HES
Configuration	EU
Engine displacement (cm³)	25.4
Output (kW / ps)	1.0 / 1.4
Dry weight ¹ (kg)	7.7
Overall length (mm)	2716-3704
Fuel tank capacity (mL)	600
Chain oil tank capacity (mL)	200
Start assist system	ES-Start
Fuel consumption at maximum engine power (L/h)	0.61
Telescoping shaft system	○
Optional extension shaft (feet)	4
Guide bar length (cm / inch)	30 / 12
Guide bar gauge (inch)	0.050
Saw chain pitch (inch)	3/8
Vibration ² Left handle/ Right handle (m/s)	4.3 / 4.5
Sound pressure level ³ (dB(A))	93.3
Sound power level ⁴ (dB(A))	107.6

*1: Without guide bar and chain, harness an empty tanks. *2: Measured in accordance with ISO 22867. Uncertainty(K)=3.3m/s².
*3: Measured in accordance with ISO 22868. Uncertainty(K_{pa})=2.5dB(A). *4: Measured in accordance with ISO 22868. Uncertainty(K_{WA})=2.5dB(A).

POWER BLOWERS / SHRED 'N' VAC®

	HANDHELD BLOWERS		SHRED 'N' VAC®	BACKPACK BLOWERS				
	PB-2520	PB-2620	ES-250ES	PB-265ESLT	PB-580	PB-770	PB-8010	
Configuration	EU	EU	EU	EU	EU	EU	EU	
Engine displacement (cm³)	25.4	25.4	25.4	25.4	58.2	63.3	79.9	
Maximum engine power (kW / ps)	0.9 / 1.2	0.9 / 1.2	0.7 / 1.0	0.70 / 0.95	2.1 / 2.8	3.1 / 4.2	4.2 / 5.7	
Dry weight ⁶ (kg)	3.9	4.4	5.7	6.0	10.3	11.0	11.9	
Fuel tank capacity (mL)	550	600	500	660	1840	2020	2560	
Fuel consumption at maximum engine power (L/h)	0.52	0.55	0.52	0.54	1.03	1.87	2.18	
Blowing Air force(N)	15.8	15.8 (Round) / 15.7(Flat)	12.0	10.9	22.0	33.2	44.4	
Air volume at actual usage point (m³/h) ⁷	768 ¹⁰	774 ¹⁰	576 ¹⁰	618 ¹⁰	882 ¹⁰	1290 ¹⁰	1819 ¹⁰	
Maximum air speed (m/sec)	76.2 ¹⁰	76.7 ¹⁰	81.7 ¹⁰	68.7 ¹⁰	96.4 ¹⁰	104.6 ¹⁰	94.5 ¹⁰	
Start assist system	-	-	ES-Start	-	-	-	-	
Throttle setting device	○	○	○	○	○	○	○	
Standardised nozzle type	A	Round straight	Round straight	Vacuum	Round straight	Round straight	Round straight	Round straight
	B	-	Flat straight	Flat straight	-	Round bent	Round bent	-
Vacuum kit	-	-	-	-	-	-	-	
Vibration levels (m/s²) ⁸ (Nozzle TypeA / Nozzle TypeB / Nozzle typeA:Rear handle)	9.9	6.6 / 7.1	8.3 / 9.0 / 5.0	1.3 / 3.1	2.0 / 3.1	2.8 / 1.9	2.4	
Sound pressure levels(dB(A)) ⁹ (Nozzle type A / Nozzle type B)	94.9	93.5 / 93.4	93.8 / 89.0	90.4 / 96.3	94.8 / 96.3	98.8 / 98.2	106.6	
(Nozzle type A / Nozzle type B)	105.8	104.9 / 104.6	106.6 / 104.0	99.5 / 104.9	105.3 / 104.9	108.8 / 108.6	114.3	

*6: Unit with standard blower/ vacuum pipe A, empty tank. *7: With standard pipe A.
*8: Measured in accordance with EN 15503. Uncertainty(K)=5.0m/s²(HANDHELD), 4.1m/s²(VACUUM), 1.7m/s²(BACKPACK).
*9: Measured in accordance with EN15503. Uncertainty(K_{pa}+K_{WA})=2.5dB(A). *10: Measured in accordance with ANSI/OPEI B175.2.

TRIMMERS / BRUSHCUTTERS

	TRIMMERS / BRUSHCUTTERS							
	GT-222ES	SRM-222ES	SRM-237TES		SRM-2621TES		SRM-3021TES	
Configuration	EU	EU	EU		EU		EU	
Handle type	L	L	U	L	U	L	U	L
Engine displacement (cm³)	21.2	21.2	21.2	21.2	25.4	25.4	30.5	30.5
Output (kW / ps)	0.7 / 1.0	0.7 / 1.0	0.71 / 0.97	0.71 / 0.97	1.0 / 1.4	1.0 / 1.4	1.3 / 1.8	1.3 / 1.8
Dry weight ¹ (kg)	4.3	4.5	5.4	5.1	5.7	5.6	6.0	5.8
Fuel tank capacity (mL)	400	400	440	440	600	600	710	710
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.45	0.45	0.61	0.61	0.72	0.72
Carburettor	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
Drive shaft type	Flexible	Flexible	Solid	Solid	Solid	Solid	Solid	Solid
Drive shaft diameter (mm)	6.1	6.15	6.0	6.0	7.0	7.0	7.0	7.0
Main pipe diameter (mm)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Gear reduction ratio	1.0	1.36	1.62	1.62	2.07	2.07	1.62	1.62
Standardised nylon head	Type	G137 100	G138 500	SF400	SF400	SF400	SF400	SF400
	Item number	X047-000552	X047-000561	SF400/E1	SF400/E1	SF400/E1	SF400/E1	SF400/E1
Standardised metal blade	Type	-	-	-	-	-	-	-
	Item number	-	-	-	-	-	-	-
Vibration Left handle ² / Right handle (m/s)	Metal Blade	-	-	-	-	-	-	-
	Nylon head	4.7 / 5.4	4.9 / 5.9	3.4 / 4.3	3.7 / 2.9	4.6 / 4.6	5.4 / 3.0	3.9 / 2.6
Sound pressure level ³ (dB(A)) Blade / Nylon head	- / 91.4	- / 90.3	- / 91.8	- / 90.7	- / 94.2	- / 93.1	- / 94.9	- / 94.9
Sound power level ⁴ (dB(A)) Blade / Nylon head	- / 104.2	- / 102.8	- / 104.2	- / 103.3	- / 108.1	- / 107.7	- / 107.7	- / 107.0

TRIMMERS /BRUSHCUTTERS

	TRIMMERS / BRUSHCUTTERS					BACKPACK BRUSHCUTTER
	SRM-3611T		SRM-420TES	SRM-520ES	RM-520ES	
Configuration	EU		EU	EU	EU	
Handle type	U	L	U	U	L	
Engine displacement (cm ³)	36.3	36.1	41.5	50.2	50.2	
Output (kW / ps)	1.4 / 1.9	1.4 / 1.9	1.8 / 2.4	2.2 / 2.9	2.16 / 2.94	
Dry weight ¹ (kg)	6.3	6.1	8.7	9.0	11.9	
Fuel tank capacity (mL)	850	850	690	690	1070	
Fuel consumption at maximum engine power (L/h)	0.92	0.92	1.05	1.23	1.23	
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system	Decomp	Decomp	ES-Start	ES-Start	ES-Start	
Drive shaft type	Solid	Solid	Solid	Solid	-	
Drive shaft diameter (mm)	7.0	7.0	8.0	8.0	8.0	
Main pipe diameter (mm)	25.0	25.0	28.0	28.0	28.0	
Gear reduction ratio	1.62	1.62	2.08	1.33	1.33	
Standardised nylon head	Type	Z5 M10L	Z5 M10L	B6 M10L	DS-5 M10L	Z5 M10L
	Item number	X047-000332	X047-000332	X047-001121	X047-000221	X047-000332
Standardised metal blade	Type	-	-	-	3-cutter metal blade	-
	Item number	-	-	-	P021-014320	-
Vibration ² Left handle / Right handle (m/s)	Metal Blade	-	-	-	3.4 / 3.4	-
	Nylon head	4.7 / 3.4	5.8 / 3.9	4.3 / 2.7	3.0 / 2.7	5.3 / 4.0
Sound pressure level ³ (dB(A)) Blade / Nylon head	- / 93.8	- / 94.5	- / 96.6	98.2 / 97.6	- / 97.5	
Sound power level ⁴ (dB(A)) Blade / Nylon head	- / 107.6	- / 106.5	- / 110.3	113.2 / 111.6	- / 110.6	

*1: Unit without cutting attachment and shield. *2: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s²(Metal Blade), 1.2m/s²(Nylon head).
 *3: Measured in accordance with ISO 22868. Uncertainty(KpA)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head).
 *4: Measured in accordance with ISO 22868. Uncertainty(KWA)=1.6dB(A)(Metal Blade), 2.1B(A)(Nylon head).

ENGINE CUTTERS

	ENGINE CUTTERS	
	CSG-7410ES /12"	CSG-7410ES/14"
Configuration	EU	EU
Engine displacement (cm ³)	73.5	73.5
Output (kW / ps)	3.2 / 4.4	3.2 / 4.4
Dry weight ¹ (kg)	10.7	10.3
Fuel tank capacity (mL)	700	700
Fuel consumption at maximum engine power (L/h)	2.1	2.1
Ignition system	CDI	CDI
Start-assist system	ES-Start Decomp	ES-Start Decomp
Applicable blade diameter (mm / inch)	350 / -	305 / -
Installable size of blade inner diameter (mm)	20	20

*1: Unit without cutting blade. *2: Without Engine cutter and empty Water tanks.

CART WATER KIT

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

HEDGE TRIMMERS

	DOUBLE - SIDED HEDGE TRIMMERS					
	HC-2020	HC-2020R	HC-2320	HCR-165ES	HCR-185ES	HC-2810ESR
Configuration	EU	EU	EU	EU, RUS	EU, RUS	EU
Engine displacement (cm ³)	21.2	21.2	21.2	21.2	21.2	21.2
Output (kW / ps)	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8
Dry weight (kg)	4.5	4.6	4.6	5.1	5.3	5.2
Fuel tank capacity (mL)	390	390	390	390	390	390
Fuel consumption at maximum engine power (L/h)	0.44	0.44	0.44	0.40	0.40	0.40
Start assist system	-	-	-	ES-Start	ES-Start	ES-Start
Rotating handle	-	○	-	○	○	○
Anti-vibration system	-	-	-	○	○	○
Cutter type	Double	Double	Double	Double	Double	Double
Cutting length (mm)	534	534	639	639	744	624
Cutter pitch (mm)	35	35	35	35	35	35
Cutter clearance	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustment-free
Stroke rate (cuts/min)	3,600	3,600	3,600	3,600	3,600	4,700
Vibration levels ¹ Front handle /Rear handle (m/s ²)	6.4 / 9.7	6.7 / 6.8	8.7 / 10.2	3.6 / 4.8	3.9 / 4.8	5.9 / 4.8
Sound pressure level ² (dB(A))	96.1	96.3	96.1	98.8	98.6	99.8
Sound power level ³ (db(A))	106.5	106.5	106.7	105.7	105.4	107.4

HEDGE TRIMMERS

	SINGLE-SIDED HEDGE TRIMMERS	
	HCS-2810ES	HCS-3810ES
Configuration	EU	EU
Engine displacement (cm ³)	21.2	21.2
Output (kW / ps)	0.6 / 0.8	0.6 / 0.8
Dry weight (kg)	4.7	4.9
Fuel tank capacity (mL)	390	390
Fuel consumption at maximum engine power (L/h)	0.40	0.40
Start assist system	ES-Start	ES-Start
Rotating handle	-	-
Anti-vibration system	-	-
Cutter type	Single	Single
Cutting length (mm)	589	834
Cutter pitch (mm)	35	35
Cutter clearance	Adjustment-free	Adjustment-free
Stroke rate (cuts/min)	4,700	4,700
Vibration levels ¹ Front handle /Rear handle (m/s ²)	8.7 / 5.1	6.0 / 5.3
Sound pressure level ² (dB(A))	101.0	100.6
Sound power level ³ (db(A))	108.1	108.2

HEDGE TRIMMERS

	SHAFTED HEDGE TRIMMERS			
	HCAS-236ES-LW	HCA-236ES-LW	HCA-265ES-HD	HCA-2620ES-HD
Configuration	EU	EU	EU	EU
Engine displacement (cm ³)	21.2	21.2	25.4	25.4
Output (kW / ps)	0.7 / 1.0	0.7 / 1.0	0.9 / 1.2	1.0 / 1.4
Dry weight (kg)	5.9	6.2	6.5	6.5
Overall length (mm)	1749	2407	2418	2440
Fuel tank capacity (mL)	440	440	600	600
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.61	0.61
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start
Rotating handle	-	-	-	-
Anti-vibration system	-	-	-	-
Cutter type	Double	Double	Double	Double
Cutting length (mm)	519	519	519	536
Cutter pitch (mm)	30	30	35	35
Cutter clearance	Adjustable	Adjustable	Adjustment-free	Adjustment-free
Stroke rate (cuts/min)	3,900	3,900	5,000	5,000
Vibration levels ¹ Front handle /Rear handle (m/s ²)	4.5 / 7.3	4.1 / 3.7	5.6 / 6.3	7.6 / 7.2
Sound pressure level ² (dB(A))	94.3	95.5	96.2	96.6
Sound power level ³ (dB(A))	106.2	106.7	108.9	109.0



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