

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 ever power blowers in 1975, ECHO has become a technological leader and well respected global brand.

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

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

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

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



Hiroshi Kubo
CEO

Yamabiko Corporation
Ohme, Tokyo, Japan



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THE ESSENCE OF ECHO

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

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

Skilled Craftsmen

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

World Class Technology

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

Integrated Production

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

Relentless Commitment to Quality

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

HISTORY

AND INTO THE FUTURE

1947 OUR FIRST PRODUCT RELEASED

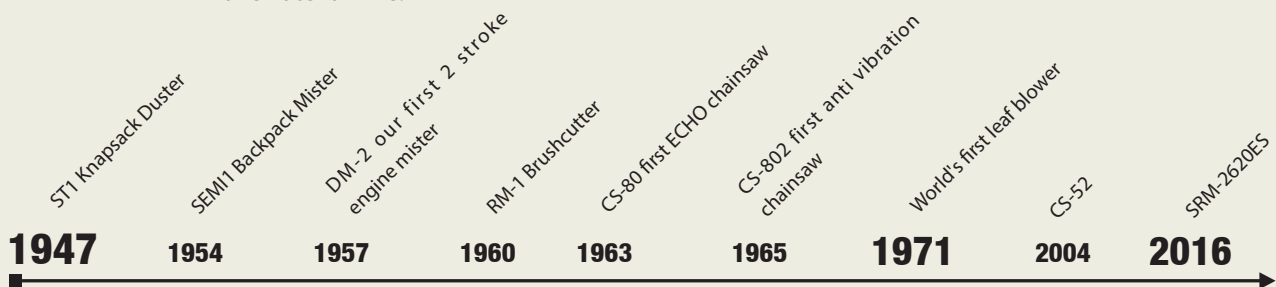


Following the Second World War, food shortages across Japan necessitated a huge improvement in agricultural processes. The hand-crank powered spreader used for transmitting dry chemicals to crops was created to increase the efficiency of farms and alleviate famine.



1973 OIL CRISIS SEES RISE OF CS-302

During the 1973 oil crisis later known as the "first oil shock" embargos forced mass shortages and oil prices to quadruple. As a result, many were forced for the first time, to use wood to heat their homes. This created great demand for a high quality, powerful and affordable 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 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.

WHY WE HAVE TWO PLATFORMS



56 eFORCE

50V 2Ah, 4Ah and 16Ah batteries will be discontinued and replaced with the new, ECHO 56 eFORCE 2.5Ah and 5Ah batteries. With the introduction of the new, improved 56V battery we created a global name that clearly defines our premium, professional battery platform. 56 eFORCE means more energy, quality and professional grade performance.

56 eFORCE batteries share the same compatibility with Professional Series tools as the previous 50V batteries, but feature updated technology, with higher capacities providing longer run times.



AND THE DIFFERENCES?



TWO DISTINCT BATTERY PLATFORMS

ECHO offers 2 battery platforms. The new ECHO 56V eFORCE battery platform provides a powerful option for professional landscapers and discerning homeowners who demand versatility and options in power sources across their fleet of outdoor power equipment. Whilst the 40V battery platform used with the Garden+ Series offers the optimal choice for gardening enthusiasts or those newly inspired to transform their outdoor space, providing a balance between being light weight and powerful.

TRANSFORM. YOUR GARDEN



ONE 40V BATTERY FITS ALL

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

TRANSFORM. YOUR GARDEN, PLUS OUR EXPERTISE.

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

Created with the experience of over 75 years in the industry, Garden+ tools are the lightest weight in our product line up, whilst being easy to use and powerful. Designed to feel instinctive and comfortable in your hands, 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 2 year domestic use warranty as standard and by registering your product you will receive an additional 1 year. All batteries have a fixed, 2 year warranty. ECHO expertise is built into every tool, so our warranty is our pledge that you receive a tool worthy of the ECHO name. A tool that you can depend on.



2 + 1 year with product registration



EN, PLUS OUR EXPERTISE.



GARDEN 
SERIES

GARDEN+

NEW



CHAIN SAW DCS-310

Rated voltage: 36.0V // Dry weight*1: 3.3kg //
Bar size: 30cm / 12" // 40 min run time with 4.0Ah battery*6



NEW



GRASS TRIMMER DSRM-310

Rated voltage: 36.0V // Dry weight*2: 2.4kg // 12" Cutting
Swath, 50 min run time with 4.0Ah battery*6



NEW



HEDGE TRIMMER DHC-310

Rated Voltage: 36.0V // Dry weight*3 2.7kg //
Cutting length: 604mm / 24" // 118 min run time with 4.0Ah
battery*6



NEW



BLOWER DPB-310

Rated voltage: 36.0V // Dry weight*4: 2.2kg // Air volume:
737m³/h // Max air speed: 54.4m/sec // 21 min run time with
4.0Ah battery*6



NEW



LAWN MOWER (PUSH) DLM-310/35P

Rated Voltage: 36.0V // Dry weight*5: 14.2kg // 14"
Polypropylene Deck // 45min run time with 4.0Ah battery*6



NEW



LAWN MOWER (PUSH) DLM-310/46P

Rated Voltage: 36.0V // Dry weight*5: 24.3kg // 18" Steel Deck //
45min run time with 4.0Ah battery*6



SERIES



NEW

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

Rated Voltage: 36.0V // Dry weight*⁵: 27.6kg // 18" Steel Deck //
Dual battery port // 45 min run time with 4.0Ah battery*⁶



BATTERY & CHARGER

NEW

BATTERY LBP-36-80



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



NEW

BATTERY LBP-36-150



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



NEW

CHARGER LC-3604



Fits all ECHO Garden+ Series batteries.



PROFESSIONAL

POWER FOR THE PROFESSIONAL

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

ALL NEW 56V EFFICIENT AND RELIABLE POWER SOURCE

The new 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 lightweight and ergonomic whilst the 5Ah battery gives you extended run times. Advanced lithium-ion technology means you get full power until the battery is completely depleted. Two new chargers are also available, providing efficient and fast charge times.



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 lightweight 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 ECO mode on the DSRM-2600, which optimises rpm to maximize efficiency. 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; 2 year professional use and 5 year domestic use warranties on tools, as well as a 2 year warranty on batteries. That's because ECHO products are built to the highest standards of quality and performance, meaning you can have complete confidence in our tools.



BATTERY SERIES



PROFESSIONAL



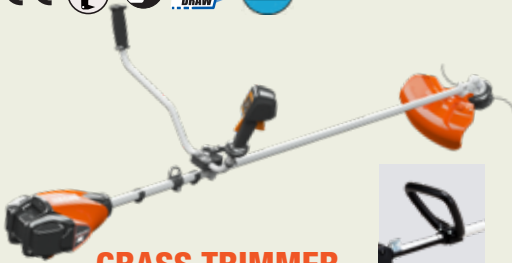
X CHAIN SAW DCS-2500T DCS-2500T C

Rated voltage: 50.4V // Dry weight*¹: 1.6kg //
Bar size: 25cm / 10in (DCS-2500T) Bar size: 20,
25cm / 8, 10in (DCS-2500T C) // Run time with 2Ah
battery: 18mins // Vibration*³: 3.3m/s² / 4.3m/s²



X CHAIN SAW DCS-3500

Rated voltage: 50.4V // Dry weight*¹: 2.9kg // Bar size:
35cm / 14in // Run time*²: TBD
Vibration*³: 3TBD



X GRASS TRIMMER DSRM-2600

Rated voltage: 50.4V // Dry weight*¹: 3.2kg (LOOP HANDLE),
3.7kg (U HANDLE) Run time with 4Ah battery: 18mins //
Vibration*³: 1.3m/s² / 1.5m/s² (Loop Handle)
2.1m/s² / 1.4m/s² (U Handle)



HEDGE TRIMMER DHC-200

Rated Voltage: 50.4V // Dry weight*¹: 3.3kg //
Cutting length: 624mm // Run time with 2Ah battery : up to
60mins // Vibration*³: 2.2m/s² / 2.9m/s²



BLOWER DPB-600

Rated voltage: 50.4V // Dry weight*¹: 3.2kg //
Air volume: 648m³/h // Max air speed: 72.5m/sec // Run
time with 4Ah battery; up to 15mins // Vibration*³: 0.7m/s²

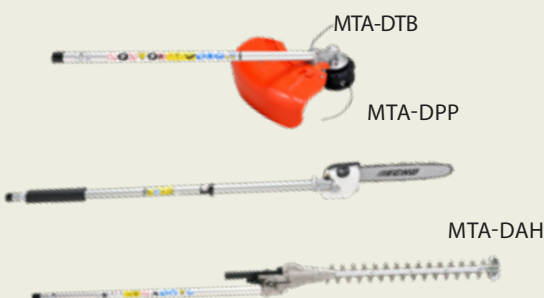


X MULTI - TOOL DPAS-2600

Rated voltage: 50.4V // Dry weight*¹: 2.4kg



3 CUTTER METAL BLADE
AS OPTION



BATTERY SERIES

BATTERY & CHARGER

2.5 Ah BATTERY LBP-50-150



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



5.0 Ah BATTERY LBP-50-250



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



16Ah BACKPACK BATTERY LBP-560-900

Rated Voltage: 50.4V // Battery Type: Li-ion //
Battery Capacity: 787Wh //
Weight: 8.2kg (without harness), 9.4kg (with harness)



RAPID CHARGER LCJQ-560

Battery charging time
2.5Ah battery : 30min (80%), 47min(100%)
5.0Ah battery : 60min (80%), 89min (100%)
Backpack battery : 225min (80%), 336min (100%)

Fits all ECHO 50.4V Professional Series batteries.



ULTRA RAPID CHARGER LCJU-560

Battery charging time
2.5Ah battery : 30min (80%), 42min(100%)
5.0Ah battery : 30min (80%), 57min (100%)
Backpack battery : 112min (80%), 168min (100%)

Fits all ECHO 50.4V Professional Series batteries.





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



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

Best-in-class Features

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

Withstand tough conditions

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

Low weight. High power. Greater productivity

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

CHAIN SAWS TOP HANDLE OVERVIEW

ECHO is the world leader in the development of top handle saws. Balance, performance and reliability are critical for the highly trained professionals who are qualified for arboricultural off ground-work. ECHO saws have near-perfect weight distribution which provides excellent balance, and are light enough to be used throughout the day without causing excessive user fatigue. All models feature stage-2 low emission engines and Easy Start - the tree surgeon's choice for effortless starting.



 **CS-2511TES**



CHAIN SAWS TOP HANDLE



X DCS-2500T DCS-2500T C

Rated voltage: 50.4V // Dry weight*²: 1.6kg //
 Bar size: 25cm / 10in (DCS-2500T)
 Bar size: 20, 25cm / 8, 10in (DCS-2500T C)
 Vibration*³: 3.3m/s² / 4.3m/s²



X CS-2511TES

Engine displacement: 25.0cm³ // Output: 1.11kW / 1.51ps //
 Dry weight*¹: 2.3kg // Bar size: 25cm / 10in
 Vibration*³: 3.5m/s² / 4.0m/s²



Carving Bar

X CS-2511TES C

Engine displacement: 25.0cm³ // Output: 1.11kW / 1.51ps //
 Dry weight*¹: 2.3kg // Bar size: 25cm / 10in
 Vibration*³: 3.5m/s² / 4.0m/s²



X CS-362TES

Engine displacement: 35.8cm³ // Output: 1.50kW / 2.04ps //
 Dry weight*¹: 3.6kg // Bar size: 30, 35cm / 12, 14in
 Vibration*³: 3.8m/s² / 4.2m/s²



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 DCS-2500T top handle saw is the first ever battery product to enter the X-Series and set to revolutionise the perception of battery tools in the industry. Features to maximise your efficiency include vibration-reduction systems, automatic oilers, inertia chain brakes, electronic management systems and our patented technology, G-Force which greatly reduces the need for engine maintenance. Whether you're cutting, pruning or felling, ECHO has a chain saw you can depend on.



X **CS-7310SX**



CHAIN SAWS **REAR HANDLE**



X CS-2511WES CS-2511 WESC

Engine displacement: 25.0cm³ // Output: 1.1kW / 1.5ps //
 Dry weight^{*1}: 2.6kg // Bar size: 30cm / 12in
 Vibration^{*3}: 4.5m/s² / 4.6m/s²



DCS-310

Rated voltage: 36.0V // Dry weight^{*2}: 3.3 //
 Bar size: 30cm / 12in



CS-310ES

Engine displacement: 30.5cm³ // Output: 1.1kW / 1.5ps //
 Dry weight^{*1}: 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^{*2}: 2.9kg //
 Bar size: 35cm / 14in



CS-3510ES

Engine displacement: 34.4cm³ // Output: 1.5kW / 2.1ps //
 Dry weight^{*1}: 3.7kg // Bar size: 35cm / 14in
 Vibration^{*3}: 4.0m/s² / 5.0m/s²



CHAIN SAWS



CS-3510AC

Engine displacement: 34.4cm³ // Output: 1.5kW / 2.1ps //
 Dry weight*¹: 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*¹: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in
 Vibration*²: 5.9m/s² / 6.3m/s²



CS-420ES

Engine displacement: 40.2cm³ // Output: 1.6kW / 2.2ps //
 Dry weight*¹: 4.6kg // Bar size: 38cm / 15in
 Vibration*³: 4.4m/s² / 6.4m/s²



CS-4310SX

Engine displacement: 42.9cm³ // Output: 2.3kW / 3.1ps //
 Dry weight*¹: 4.3kg // Bar size: 33, 40cm / 13, 16in
 Vibration*³: 2.3m/s² / 2.1m/s²



CE Model certified for CE

ES ES-Start

Digital CDI Digital controlled CDI

G-FORCE G-FORCE Engine Air Pre-Cleaner™

Spike as standard

FAST IDLE Automatic fast idle

Side access chain tensioner

PRO Professional series



CS-4510ES

Engine displacement: 45.0cm³ // Output: 2.3kW / 3.1ps //
Dry weight^{*1}: 5.0kg // Bar size: 38, 45cm / 15, 18in
Vibration^{*2}: 2.6m/s² / 2.8m/s²



CS-501SX

Engine displacement: 50.2cm³ // Output: 2.57kW / 3.50ps //
Dry weight^{*1}: 4.7kg // Bar size: 45cm / 18in
Vibration^{*2}: 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^{*2}: 4.4m/s² / 4.7m/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^{*2}: 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



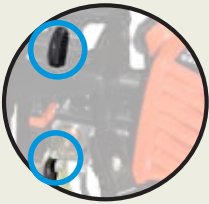
POWER PRUNERS

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? then simply attach an extension shaft or replace the chain saw head with the optional hedge trimming attachment. Powered by professional grade, class leading ECHO engines and benefitting from decades of engineering experience, we believe our power pruners will make light work of the toughest job.



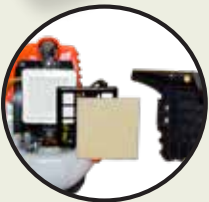
TOOL-LESS AIR FILTER COVER



25.4cm³ HIGH POWER 2-STROKE ENGINE



INLINE TRIGGER



HEAVY DUTY AIR FILTER

NEWLY DESIGNED ONE-PIECE COUPLER

RIBBED FIBERGLASS OUTER SHAFT

3/8" FLEXIBLE DRIVE CABLE FOR DRIVE SHAFT PROTECTION

SIDE ACCESS CHAIN TENSIONER

AUTOMATIC, ADJUSTABLE OILER

TELESCOPIC SHAFT



PPT-2620ES/HES

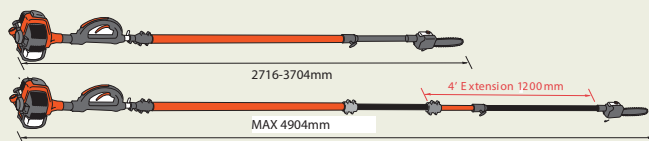


PPT-2620HES

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.



POWER PRUNERS[®] ACCESSORIES

GUIDE BARS AND SAW CHAINS

ECHO bars and chains are specifically matched to get the most out of every pruner. The chart shows you appropriate bar length and chain along with the link count, gauge and pitch.



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

ADDITIONAL ACCESSORIES



3' EXTENSION
99946400011

Length: 900mm
 Item# C6000236



4' EXTENSION
99946400023

Length: 1200mm
 Item# C9500496



HEDGETRIMMER
PPA-AH-HD

Item# 28350251



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

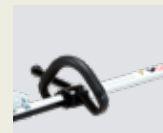
*Extension is only usable with chain saw attachment. *2 Equivalent vibration level support / trigger handle

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.



HEAVY DUTY AIR FILTER
Less maintenance required



Also available in loop handle



SPEED FEED 400 AS STANDARD



PROFESSIONAL GRADE
Φ25mm OUTER PIPE
Durable performance

HIGH TORQUE GEAR CASE
Durable and better performance

20 inch SHIELD

NEW FAN COVER DESIGN
Reduces snagging of cables on branches.

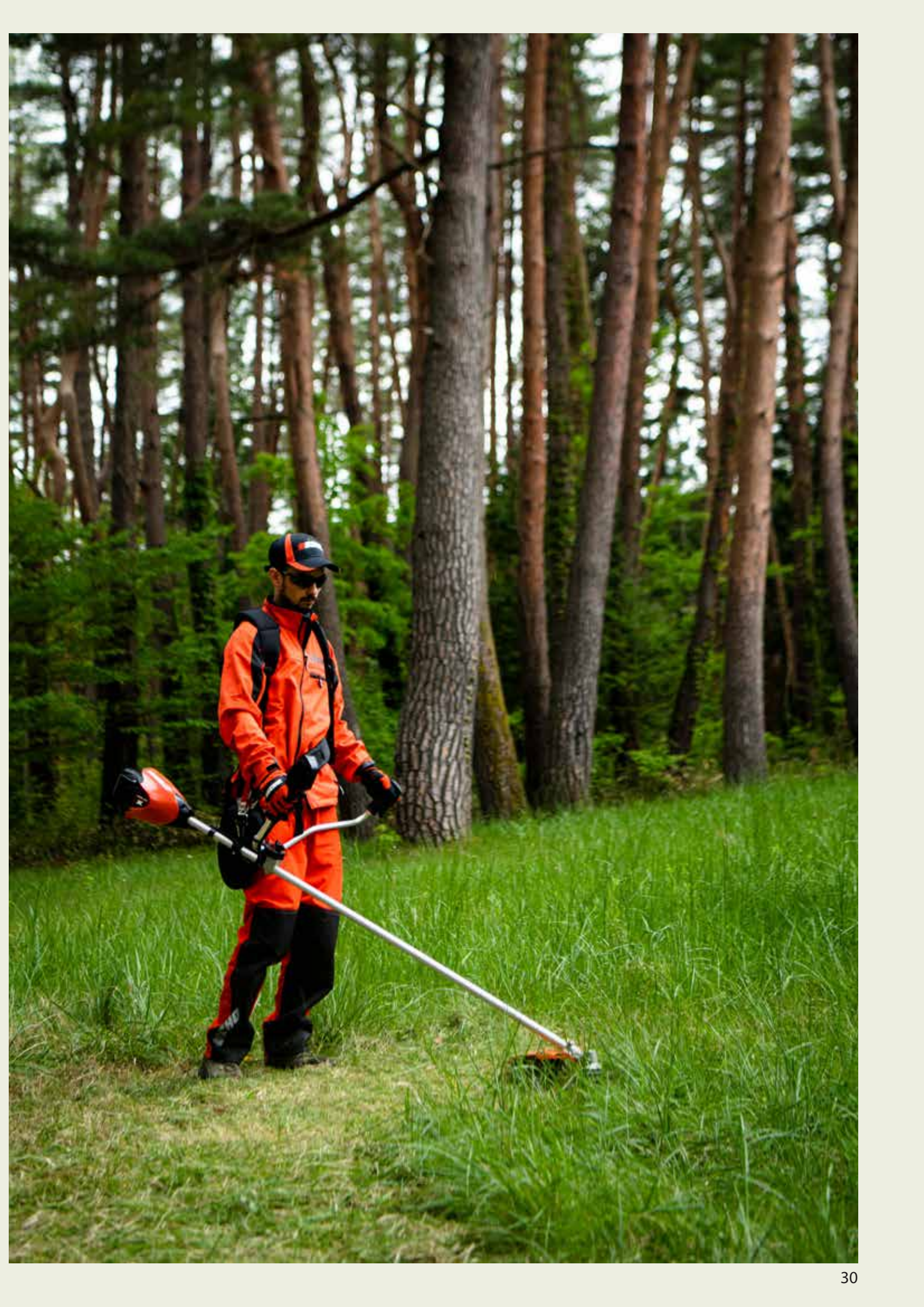


INCREASED CUTTING SWATH

20 inch
(510 mm)



SRM 3021 TES



TRIMMERS & BRUSHCUTTERS



NEW

DSRM-310

Rated voltage: 36.0V // Dry weight*³: 2.4kg



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-222ES

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0 ps //
Dry weight*¹: 4.5kg (LOOP HANDLE), 4.8kg (U HANDLE)
Vibration*⁴: 4.9m/s² / 5.9m/s²



HIGH TORQUE



LOOP HANDLE

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



LOOP HANDLE

DSRM-2600

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



HIGH TORQUE



LOOP HANDLE

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





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-420TES

Engine displacement: 41.5cm³ // Output: 1.8kW / 2.4ps //
 Dry weight^{*1}: 8.0kg (LOOP HANDLE), 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







TRUST YOUR INSTINCTS.

You've got the right skills and you've got the right attitude to get the job done. Now all you need is the right tool.

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.



BRUSHCUTTERS **BACKPACK**



X **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

Item# C6000196
 Pipe sleeves and gear case adapters included.

BRUSHCUTTER HARNESS



ERGONOMIC HARNESS

Part# C062000550



ERGO PRO

Part# C062000611



PRO ATTACHMENT SERIES™



3 CUTTER METAL BLADE
AS OPTION



MTA-AH-HD:
Long shafted hedge
trimmer attachment.

MTA-AHS-HD:
Short shafted hedge trimmer
attachment.

MTA-TB:
Trimmer and brushcutter
attachment.

MTA-PP/E:
Pruner attachment.

MTA-3EXT:
3ft extension attachment.

MTA-TC:
Tiller/cultivator attachment.

MTA-LE/E:
Edger attachment.

MTA-PS:
Sweeper attachment.

MTA-PB:
Blower attachment.

PAS-2620ES

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



*1: Unit without attachment.

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	
	MTA-TB	MTA-DTB	MTA-AHS-HD	
Dry weight (kg)	1.0*6	0.9*6	2.1	
Run Time (min)*4*5	-	Up to 27 (SF400)	-	
Length (mm)	815*6	818*6	966	
Drive shaft diameter (mm)	6.1	6.0	6.1	
Main pipe diameter (mm)	25	25	25	
Gear reduction ratio	1.36	1.62	4.6	
Cutting length (mm)	-	-	536	
Cutter pitch (mm)	-	-	35	
Applicable bar length (cm / inch)	-	-	-	
Saw chain pitch (inch)	-	-	-	
Cutting blade length (mm)	-	-	-	
Culti rotor diameter (mm)	-	-	-	
Culti rotor width (mm)	-	-	-	
Maximum sweeping width (mm)	-	-	-	
Air volume (m ³ /h)	-	-	-	
Maximum air speed (m/sec)	-	-	-	



Model certified for CE



ES-Start



Digital controlled CDI



Heavy duty air filter



Loop handle



Professional series



DPAS-2600

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



	HEDGE TRIMMER		POWER PRUNER®		TILLER CULTIVATOR	EDGER	PROSWEEP™	BLOWER	EXTENSION
	MTA-AH-HD	MTA-DAH	MTA-PP/E	MTA-DPP	MTA-TC	MTA-LE/E	MTA-PS	MTA-PB	MTA-3EXT
	2.6	2.0	1.8*7	1.3*7	2.3	2.4*9	5.3	1.8	1.2
	-	Up to 56	-	Up to 31	Up to 105	Up to 68	Up to 90	Up to 10	-
	1637	1242	1451*8	1440*8	907	787*9	797	635	1000
	6.1	6.1	6.1	6.1	6.1	6.1	6.1	10.5	6.1
	25	25	25	25	25	25	25	25	25
	4.6	4.6	1.53	0.94	42.75	2.07	42.75	-	-
	536	536	-	-	-	-	-	-	-
	35	35	-	-	-	-	-	-	-
	-	-	25 / 10	25 / 10	-	-	-	-	-
	-	-	3/8	1/4	-	-	-	-	-
	-	-	-	-	-	197	-	-	-
	-	-	-	-	220	-	-	-	-
	-	-	-	-	161	-	-	-	-
	-	-	-	-	-	-	598	-	-
	-	-	-	-	-	-	-	654	-
	-	-	-	-	-	-	-	52.86	-

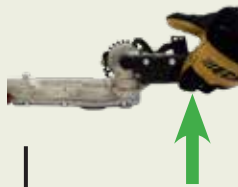
HEDGE TRIMMERS

OVERVIEW

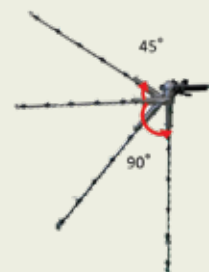
ECHO hedge trimmers are designed to be durable, lightweight and well balanced. With lightweight gear cases, long-lasting blades and vibration-reducing engine mounts, you get professional performance with maximum comfort. At ECHO we focus on maximizing comfort and performance, gradually adjusting every 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.



WIDER PITCH BLUNT



EASILY ADJUSTABLE
BLADE ANGLE



TIP GUARD



LIGHTWEIGHT GEAR CASE
WITH INCREASED DURABILITY



CAGED NEEDLE BEARINGS
FOR MORE DURABILITY

25.4 cm³ PROFESSIONAL-GRADE,
2 STROKE ENGINE

THROTTLE HANDLE
WITH RUBBER GRIP



HEAVY DUTY AIR
FILTER



TOOL-LESS AIR
FILTER COVER



HCA-2620ES-HD



HEDGE TRIMMERS **DOUBLE-SIDED**



NEW

DHC-310

Rated Voltage: 36.0V // Dry weight*1: 2.7kg // Cutting length: 604mm



HC-2020

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 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



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



DHC-200

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



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



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 weight: 4.9kg // Cutting length: 834mm
 Vibration*²: 6.0m/s² / 5.3m/s²



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 **HCA-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



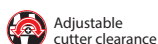
LONG REACH **HCA-265ES-HD**

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



ENGINE CUTTERS



NEW

ENGINE CUTTER 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 (12inch) // Applicable blade
diameter: 350mm 305mm (12inch)



*1: Unit without cutting blade.



NEW

CART WATER KIT

CWT-7410 Engine cutter CSG-7410 and blade not included.

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

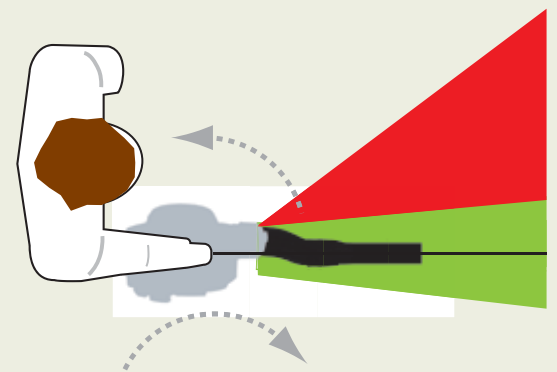


BLOWERS OVERVIEW

ECHO developed the first backpack blower, the first handheld blower and the first “quiet” blower. Dedicated to enhancing performance and comfort, our 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.



ECHO **PB-8010**



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.



BLOWERS **HANDHELD**



DPB-310

Rated voltage: 36.0V // Dry weight*⁵: 2.2kg



DPB-600

Rated voltage: 50.4V // Dry weight*¹: 3.2kg //
Air volume: 648m³/h // Max air speed: 72.5m/sec



PB-2520

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //
Dry weight*²: 3.9kg // Air volume*³: 768m³/h //
Max. air speed: 76.2m/sec // Vibration*⁶ 9.9m/s²



PB-2620

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //
Dry weight*²: 4.4kg // Air volume*³: 774m³/h //
Max. air speed: 76.7m/sec // Vibration*⁶ 6.6m/s² (round nozzle)
7.1m/s² (flat nozzle)



SHRED 'N' VAC[®]

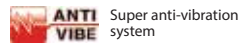


ES-250ES

Engine displacement: 25.4cm³ // Output: 0.7kW / 1.0ps //
Dry weight*²: 5.7kg // Air volume*³: 576m³/h //
Max. air speed: 81.7m/sec // Vibration*⁶ 8.3m/s² (ES) 9.0m/s² (PB) 5.0m/s²



*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



BLOWERS BACKPACK



PB-2625ESLT

Engine displacement: 25.4cm³ // Output: 0.70kW / 0.95ps //
Dry weight*⁴: 6.0kg // Air volume*²: 618m³/h //
Max. air speed: 68.7m/sec // Vibration*⁶: 1.3m/s²



PB-580

Engine displacement: 58.2cm³ // Output: 2.1kW / 2.8ps //
Dry weight*⁴: 10.3kg // Air volume*³: 882m³/h //
Max. air speed: 96.4m/sec
Vibration*⁶: 2.0m/s² (straight pipe) 3.1m/s² (bent pipe)



PB-770

Engine displacement: 63.3cm³ // Output: 3.1kW / 4.2ps //
Dry weight*⁴: 11.0kg // Air volume*³: 1290m³/h //
Max. air speed: 104.6m/sec
Vibration*⁶: 2.8m/s² (straight pipe) 1.9m/s² (bent pipe)



PB-8010

Engine displacement: 79.9cm³ // Output: 4.2kW / 5.7ps //
Dry weight*⁴: 11.9kg // Air volume*³: 1819m³/h //
Max. air speed: 94.5m/sec
Vibration*⁶: 1.5m/s² (straight pipe)



*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

OILS

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

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



BAR AND CHAIN OIL

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



GREASE

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



EPNOC AP2

Part# X695000060

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# X695000070

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.

SPECIFICATIONS

GARDEN+	CHAIN SAW	HANDHELD BLOWER	DOUBLE-SIDED HEDGE TRIMMER	TRIMMER	LAWN MOWER (PUSH)		LAWN MOWER (SELF-PROPELLED)
	DCS-310	DPB-310	DHC-310	DSRM-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
Dry weight (kg)	3.3* ¹	2.2* ²	2.7* ³	2.4* ⁴	14.2* ⁵	24.3* ⁵	27.6* ⁵
Run Time (min)	24 (LBP-36-80) 41(LBP-36-150)	12 (LBP-36-80) 21 (LBP-36-150)	56 (LBP-36-80) 118 (LBP-36-150)	10inch 46 (LBP-36-80) 92 (LBP-36-150) 12inch 28 (LBP-36-80) 51 (LBP-36-150)	26 (LBP-36-80) 46 (LBP-36-150)	23 (LBP-36-80) 45 (LBP-36-150)	23 (LBP-36-80)* ⁶ 45 (LBP-36-150)* ⁶
Chain oil tank capacity (mL)	200	-	-	-	-	-	-
Saw chain pitch (inch)	3/8	-	-	-	-	-	-
Guide bar gauge (inch)	0.043	-	-	-	-	-	-
Applicable bar length (cm / inch)	30.0	-	-	-	-	-	-
Nozzle Type	-	Round Straight	-	-	-	-	-
Air Volume (m ³ /h)	-	737 (LBP-36-150, TURBO)	-	-	-	-	-
Max Air Speed (m/sec)	-	54.4 (LBP-36-150, TURBO)	-	-	-	-	-
Cutter Type	-	-	Double	Nylon cord	Blade	Blade	Blade
Cutting Length (mm)	-	-	604	254, 305	-	-	-
Cutter Pitch (mm)	-	-	18	-	-	-	-
Cutting swath (mm)	-	-	-	-	350	460	460
Cutting height (mm)	-	-	-	-	20-70	25-80	25-80
Main Shaft Diameter (mm)	-	-	-	25.4	-	-	-

*¹: Unit without battery, with guide bar and saw chain. *²: without battery,with blower pipe. *³: without battery. *⁴: Bare tool without battery,guid,edge guide. *⁵: without battery. *⁶: Without self propelled.

PROFESSIONAL BATTERY SERIES

	CHAIN SAW			HANDHELD BLOWER	DOUBLE-SIDED HEDGE TRIMMER	TRIMMER	TRIMMER	MULTI TOOL
	DCS-2500T	DCS-2500T C	DCS-3500	DPB-600	DHC-200	DSRM-2600/U	DSRM-2600/L	DPAS-2600
Rated Voltage (V)	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
Dry weight (kg)	1.6* ⁷	1.6* ⁷	2.9* ⁷	3.2* ⁸	3.3* ⁸	3.7* ¹¹	3.2* ¹¹	2.4* ⁸
Run Time (min)	Up to 18* ¹¹	Up to 18* ¹¹	Up to 49* ⁸	Up to 15* ⁸	Up to 60* ¹¹	Up to 31(SF400)* ⁸	Up to 31(SF400)* ⁸	_* ¹³
Chain oil tank capacity (mL)	120	120	370	-	-	-	-	-
Saw chain pitch (inch)	3/8, 1/4	1/4	3/8	-	-	-	-	-
Guide bar gauge (inch)	0.050, 0.043	0.043	0.043	-	-	-	-	-
Applicable bar length (cm / inch)	25 / 10	20 / 8	35 / 14	-	-	-	-	-
Nozzle Type	-	-	-	Round Straight	-	-	-	-
Air Volume (m ³ /h)	-	-	-	648* ¹⁰	-	-	-	-
Max Air Speed (m/sec)	-	-	-	72.5* ¹⁰	-	-	-	-
Vibration levels (m/s ²)	-	-	-	-	-	-	-	-
Sound pressure levels(dB(A))	-	-	-	-	-	-	-	-
Sound power levels(dB(A))	-	-	-	-	-	-	-	-
Cutter Type	-	-	-	-	Double	-	-	-
Cutting Length (mm)	-	-	-	-	624	-	-	-
Cutter Pitch (mm)	-	-	-	-	30	-	-	-
Cutter Clearance	-	-	-	-	Adjustable-free	-	-	-
Drive Shaft Type	-	-	-	-	-	Solid	Solid	Flexible
Drive Shaft Diameter (mm)	-	-	-	-	-	7.0	7.0	6.1
Main Pipe Diameter (mm)	-	-	-	-	-	25.0	25.0	25.0
Gear Reduction Ratio	-	-	-	-	-	1.62	1.62	-

*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

SPECIFICATIONS

CHAIN SAWS

	TOP HANDLE SAWS		
	CS-2511TES	CS-2511TES C	CS-362TES
Configuration	EU	EU	EU
Engine displacement (cm ³)	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/s ²)	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

CHAIN SAWS

	REAR HANDLE CHAINSAWS HOME USER						
	CS-310ES	CS-3510ES	CS-3510AC	CS-362WES	CS-420ES	CS-4510ES	CS-590
Configuration	EU	EU	EU	EU	EU	EU	EU
Engine displacement (cm ³)	30.5	34.4	34.4	35.8	40.2	45.0	59.8
Output (kW / ps)	1.1 / 1.5	1.5 / 2.1	1.5 / 2.1	1.49 / 2.03	1.6 / 2.2	2.3 / 3.1	3.0 / 4.1
Dry weight* ¹ (kg)	4.0	3.7	3.8	3.8	4.6	5.0	6.0
Fuel tank capacity (mL)	250	280	280	320	410	480	645
Chain oil tank capacity (mL)	260	230	230	230	280	330	300
Fuel consumption at maximum engine power (L/h)	0.68	0.85	0.85	0.86	0.95	1.19	1.68
Priming pump	○	○	○	○	○	○	-
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	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	3/8	3/8	3/8 (1/4)	0.325	0.325	3/8
Guide bar gauge (inch)	0.050 (0.043)	0.043, 0.050	0.043, 0.050	0.050	0.058(0.050)	0.058,0.050	0.058
Applicable bar length (cm / inch)	30, 35 / 12, 14	35 / 14	35 / 14	35 / 14	38 / 15	38, 45 / 15, 18	50 / 20
Vibration Front handle / Rear handle (m/s ²)	4.1 / 6.8	4.0 / 5.0	4.1 / 5.0	5.9 / 6.3	4.4 / 6.4	2.6 / 2.8	4.4 / 4.7
Sound pressure level* ³ (dB(A))	97.9	101.5	101.5	99.3	99.2	100.2	101.0
Sound power level* ⁴ (dB(A))	107.7	110.4	110.9	109.3	110.0	111.9	112.2

CHAIN SAWS

	REAR HANDLE CHAINSAWS PROFESSIONAL					
	CS-2511WES	CS-2511WESC	CS-4310SX	CS-501SX	CS-621SX	CS-7310SX
Configuration	EU	EU	EU	EU	EU	EU
Engine displacement (cm ³)	25.0	25.0	42.9	50.2	59.8	73.5
Output (kW / ps)	1.1 / 1.5	1.1 / 1.5	2.3 / 3.1	2.57 / 3.50	3.2 / 4.4	4.1 / 5.6
Dry weight* ¹ (kg)	2.6	2.6	4.3	4.7	6.3	6.7
Fuel tank capacity (mL)	190	190	410	500	650	800
Chain oil tank capacity (mL)	140	140	280	280	300	360
Fuel consumption at maximum engine power (L/h)	0.67	0.67	0.95	1.54	1.81	2.33
Priming pump	○	○	○	-	-	-
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	Decomp	Decomp	Decomp
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side
Saw chain pitch (inch)	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)	0.058	0.058 (0.050)	0.058	0.058
Applicable bar length (cm / inch)	30 / 12	30 / 12	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/s ²)	4.5 / 4.6	4.5 / 4.6	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	99.2	103.6	101.6	106.8
Sound power level* ⁴ (dB(A))	109.9	109.9	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_{pm})=1.5dB(A), *4: Measured in accordance with ISO 22868. Uncertainty(K_{WA})=1.0dB(A)

SPECIFICATIONS

POWER PRUNERS®

	PPT-2620HES
Configuration	EU
Engine displacement (cm ³)	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 (cm ³)		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 (m ³ /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/s ²) 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.

SPECIFICATIONS

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 (cm ³)		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	SF400
	Item number	X047-000552	X047-000561	SF400/E1	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	3.5 / 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	
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.

CART WATER KIT

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

*2: Without Engine cutter and empty Water tanks.

SPECIFICATIONS

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			
	HCA-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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Web: www.echo-tools.co.uk
Email: info@fgmclaymore.co.uk
Tel: 01789 490177



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