

PRODUCT ICONS



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



Professional battery series.



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



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



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



Side access chain tensioner for quick chain adjustments.



Model with U type handle.



Model with loop type handle.



High torque gear ratio for more efficient work.



Rotatable rear handle for comfortable operation in all positions.



Cutter clearance is adjustable.



Cutter clearance is adjustment-free.



Model certified for RoHS.



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ECHO®

MASTER PRODUCT CATALOGUE 2022



MASTER PRODUCT CATALOGUE 2022

DEPEND ON IT

WELCOME

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

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

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

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

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

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



Hiroshi Kubo
CEO

Yamabiko Corporation
Ohme, Tokyo, Japan

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THE ESSENCE OF ECHO

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

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

Skilled Craftsmen

For over 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



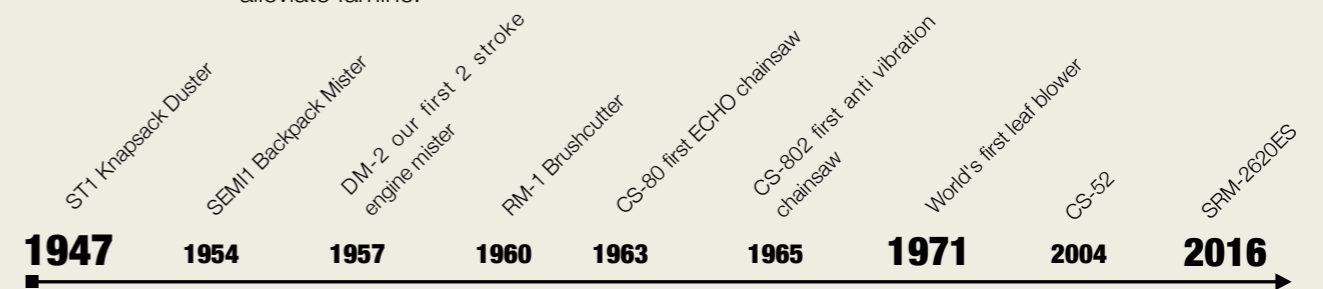
1947 OUR FIRST PRODUCT RELEASED



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.

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

WHY WE HAVE TWO PLATFORMS AND THE DIFFERENCES?



50V – 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.



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, PLUS OUR EXPERTISE.



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.

ONE 40V BATTERY FITS ALL

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

A WARRANTY YOU CAN DEPEND ON

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



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



GARDEN 
SERIES

GARDEN+ SERIES

NEW

CHAIN SAW DCS-310

Rated voltage: 36.0V // Dry weight^{*1}: 3.3kg // Bar size: 30cm / 10in



NEW

HEDGE TRIMMER DHC-310

Rated Voltage: 36.0V // Dry weight^{*3} 2.7kg // Cutting length: 604mm



NEW

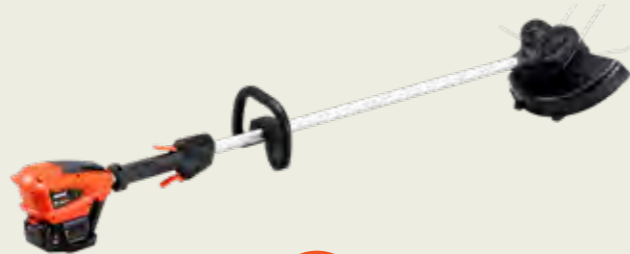
LAWN MOWER (PUSH) DLM-310/35P

Rated Voltage: 36.0V // Dry weight^{*5}: 14.2kg //



TRIMMER DSRM-310

Rated voltage: 36.0V // Dry weight^{*2}: 2.4kg



NEW

NEW

BLOWER DPB-310

Rated voltage: 36.0V // Dry weight^{*4}: 2.2kg // Air volume: 737m³/h // Max air speed: 54.4m/sec



NEW

LAWN MOWER (PUSH) DLM-310/46P

Rated Voltage: 36.0V // Dry weight^{*5}: 24.3kg //



NEW

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

Rated Voltage: 36.0V // Dry weight^{*5}: 27.6kg //



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

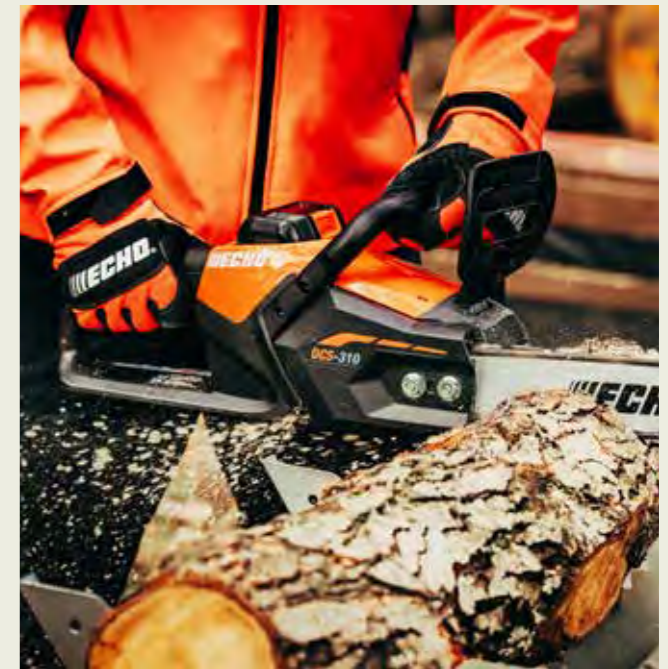
Rated Voltage: 36.0V // Battery Type: Li-ion // Battery Capacity: 150Wh // Weight: 1.0kg



NEW

CHARGER LC-3604

Fits all ECHO Garden+ Series batteries.



PROFESSIONAL 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 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.



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



PROFESSIONAL BATTERY SERIES



CHAIN SAW
DCS-2500T DCS-2500T C

Rated voltage: 50.4V // Dry weight*: 1.6kg //
Bar size: 25cm / 10in (DCS-2500T)
Bar size: 20, 25cm / 8, 10in (DCS-2500T C)



CHAIN SAW
DCS-3500

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



TRIMMER
DSRM-2600

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



HEDGE TRIMMER
DHC-200

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



BLOWER
DPB-600

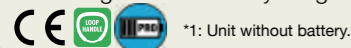
Rated voltage: 50.4V // Dry weight*: 3.2kg //
Air volume: 648m³/h // Max air speed: 72.5m/sec



3 CUTTER METAL BLADE
AS OPTION

TRIMMER
DPAS-2600

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



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.



MORE BATTERY & ELECTRIC PRODUCTS

BATTERY POWERED PRUNING SHEARS



DPS-350

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



BACKPACK BATTERY HOLDER AS OPTION
#PA80031



HIP BELT (STANDARD)
Reduces operator fatigue during operation.
#PA80034



CORDED PRODUCTS

CHAIN SAW CS-2000

Motor Power: 2000W // Voltage: 230V // Dry weight^{*1}: 3.97kg // Bar size: 35cm



CHAIN SAW CS-1800 CS-2400

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



TRIMMER EGT-350

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



TRIMMER EGT-520

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



HEDGE TRIMMER HCR-610

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



HEDGE TRIMMER HC-560

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



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 (m³/h)	-	737 (LBP-36-150, TURBO)	-	-	-	-	-
Max Air Speed (m/sec)	-	54.4 (LBP-36-150, TURBO)	-	-	-	-	-
Cutter Type	-	-	3 sides sharpened blade teeth	Nylon cord	Blade	Blade	Blade
Cutting Length (mm)	-	-	604	254, 305	-	-	-
Cutter Pitch (mm)	-	-	26	-	-	-	-
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,guard,edge guide. *5: without battery. *6: Without self propelled.

CORDED PRODUCTS

	CHAIN SAWS			TRIMMERS		HEDGE TRIMMERS	
	CS-1800	CS-2000	CS-2400	EGT-350	EGT-520	HC-560	HCR-610
Motor power (W)	2400	2000	2400	350	520	500	700
AC voltage (V)	230	230	230	230	230	230	230
Dry weight (kg)	3.95*14	3.97*14	3.95*14	2.1*15	2.9*15	3.64	3.92
Frequency (Hz)	50	50	50	50	50	50	50
Oil tank capacity (mL)	200	150	200	-	-	-	-
Saw chain pitch (inch)	3/8	3/8	3/8	-	-	-	-
Guide bar gauge (inch)	0.050	0.050	0.050	-	-	-	-
Applicable bar length (cm)	35	35	40	-	-	-	-
Chain brake	Automatic	Automatic	Automatic	-	-	-	-
Chain tensioner	Side access	Side access	Side access	-	-	-	-
Cutting length (mm)	-	-	-	250	300	560	600
Rotating handle	-	-	-	-	-	-	O
Cutter type	-	-	-	-	-	Double	Double
Cutter pitch (mm)	-	-	-	-	-	22	29

*14: Without guide bar and saw chain. *15: Unit without cutting attachment and shield.

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 (m³/h)	-	-	-	648*10	-	-	-	-
Max Air Speed (m/sec)	-	-	-	72.5*10	-	-	-	-
Vibration levels (m/s²)	-	-	-	-	-	-	-	-
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



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



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

Best-in-class Features

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

Withstand tough conditions

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

Low weight. High power. Greater productivity

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



ECHO

ECHO

CS-7310SX

ECHO



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)



CS-2511TES CS-2511TES C

Engine displacement: 25.0cm³ // Output: 1.11kW / 1.51ps //
 Dry weight*1: 2.3kg // Bar size: 20, 25, 30cm / 8, 10, 12in (CS-2511TES)
 Bar size: 20, 25cm / 8, 10in (CS-2511TES C)



CS-2511WES

Engine displacement: 25.0cm³ // Output: 1.1kW / 1.5ps //
 Dry weight*1: 2.6kg // Bar size: 20, 25, 30cm / 10, 12, 14in



DCS-3500

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



NEW CS-4310SX

Engine displacement: 42.9cm³ // Output: 2.3kW / 3.1ps //
 Dry weight*1: 4.3kg //
 Bar size: 33,35,40,45cm / 13,14,16,18in



CS-501SX CS-501SXH

Engine displacement: 50.2cm³ // Output: 2.57kW / 3.50ps //
 Dry weight*1: 4.7kg (CS-501SX), 4.9kg (CS-501SXH) //
 Bar size: 33,40,45,50cm / 13,16,18,20in



CS-620SX

Engine displacement: 59.8cm³ // Output: 3.32kW / 4.52ps //
 Dry weight*1: 6.2kg // Bar size: 45, 50, 60, 70cm /
 18, 20, 24, 28in



CS-621SX

Engine displacement: 59.8cm³ // Output: 3.2kW / 4.4ps //
 Dry weight*1: 6.3kg // Bar size: 45, 50, 60cm / 18, 20, 24in



CS-7310SX

Engine displacement: 73.5cm³ // Output: 4.1kW / 5.6ps //
 Dry weight*1: 6.7kg // Bar size: 45,50, 60, 70cm / 18, 20, 24, 28in



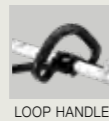
*1: Without guide bar and saw chain. *2: Unit without battery, guide bar and saw chain.





DSRM-2600

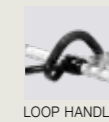
Rated voltage: 50.4V //
Dry weight*2: 3.2kg (LOOP HANDLE), 3.7kg (U HANDLE)



SRM-2621ES SRM-2621TES



Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps //
Dry weight*1: 5.4kg (LOOP HANDLE), 5.6kg (U HANDLE)(SRM-2621ES)
Dry weight*1: 5.6kg (LOOP HANDLE), 5.7kg (U HANDLE)(SRM-2621TES)



SRM-3021TES



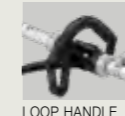
Engine displacement: 30.5cm³ // Output: 1.3kW / 1.8ps //
Dry weight*1: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE)



SRM-3611T



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



SRM-420ES SRM-420TES



Engine displacement: 41.5cm³ // Output: 1.8kW / 2.4ps //
Dry weight*1: 7.9kg (LOOP HANDLE), 8.5kg (U HANDLE)(SRM-420ES)
Dry weight*1: 8.0kg (LOOP HANDLE), 8.7kg (U HANDLE)(SRM-420TES)



SRM-520ES

Engine displacement: 50.2cm³ // Output: 2.16kW / 2.94ps //
Dry weight*1: 9.0kg



BCLS-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps //
Dry weight*1: 9.2kg



CLS-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps //
Dry weight*1: 9.9kg



RM-520ES

Engine displacement: 50.2cm³ // Output: 2.16kW / 2.94ps //
Dry weight*1: 11.9kg



*1: Without cutting attachment and shield.*2: Unit without battery, cutting attachment and shield.





DOUBLE-SIDED HEDGE TRIMMERS



HC-2810ESR

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight: 5.2kg // Cutting length: 624mm



SINGLE-SIDED HEDGE TRIMMERS



HCS-3210ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight: 4.8kg // Cutting length: 729mm



HCS-3810ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight: 4.9kg // Cutting length: 834mm



SHAFTED HEDGE TRIMMERS

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

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
// Dry weight: 6.2kg // Cutting length: 536mm //
Overall length: 1784mm (HCAS-2620ES-HD)
Dry weight: 6.5kg // Cutting length: 536mm //
Overall length: 2440mm (HCA-2620ES-HD)







PB-2620

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //
 Dry weight*¹: 4.4kg // Air volume*²: 774m³/h //
 Max. air speed: 76.7m/sec



PB-770

Engine displacement: 63.3cm³ // Output: 3.1kW / 4.2ps //
 Dry weight*¹: 11.0kg // Air volume*²: 1290m³/h //
 Max. air speed: 104.6m/sec



PB-8010

Engine displacement: 79.9cm³ // Output: 4.2kW / 5.7ps //
 Dry weight*¹: 11.9kg // Air volume*²: 1819m³/h //
 Max. air speed: 94.5m/sec



*1: Unit with standard blower. *2: At actual usage point (measured with blower pipes).





PRO ATTACHMENT SERIES™



PAS-2620ES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
 // Dry weight*2: 4.8kg // Length:1038mm



*2: Unit without attachment.

POWER PRUNERS®



PPT-2620ES PPT-2620HES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
 Dry weight*1: 7.9kg (PPT-2620ES) 7.7kg(PPT-2620HES) //
 Overall length: 2716-3704mm



*1: Unit without guide bar and saw chain.



DPAS-2600

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



*3: Unit without battery.

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.



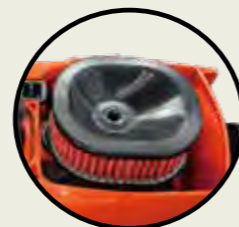
LIGHTWEIGHT GUIDE BAR



DROP PREVENTION NUTS

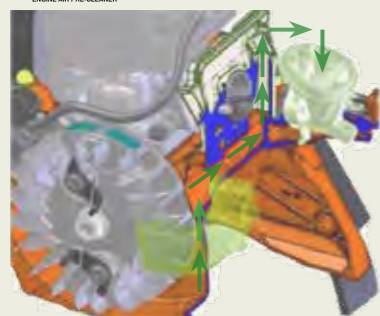


42.9 cm³ PROFESSIONAL GRADE, 2-STROKE ENGINE



CENTRIFUGAL SEPARATION DUST FREE SYSTEM

G-FORCE AIR PRE-CLEANER SYSTEM



FLIP LEVER CAPS

MOMENTARY SWITCH

TRANSLUCENT FUEL TANK EASY TO SEE FUEL AMOUNT

X CS-4310SX



CHAIN SAWS TOP HANDLE



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)



CS-2511TES

Engine displacement: 25.0cm³ // Output: 1.11kW / 1.51ps //
Dry weight^{*1}: 2.3kg // Bar size: 20, 25, 30cm / 8, 10, 12in



Carving Bar

CS-280TES C

Engine displacement: 26.9cm³ // Output: 1.07kW / 1.46ps //
Dry weight^{*1}: 3.0kg // Bar size: 25cm / 10in



CS-3000

Engine displacement: 30.1cm³ // Output: 1.04kW / 1.41ps //
Dry weight^{*1}: 3.4kg // Bar size: 30, 35cm / 12, 14in



Carving Bar

CS-2511TES C

Engine displacement: 25.0cm³ // Output: 1.11kW / 1.51ps //
Dry weight^{*1}: 2.3kg // Bar size: 20, 25cm / 8, 10in



CS-260TES

Engine displacement: 26.9cm³ // Output: 0.91kW / 1.24ps //
Dry weight^{*1}: 2.9kg // Bar size: 20, 25, 30cm / 8, 10, 12in



CS-303T

Engine displacement: 30.1cm³ // Output: 1.04kW / 1.41ps //
Dry weight^{*1}: 3.5kg // Bar size: 30, 35cm / 12, 14in



CS-360TES

Engine displacement: 35.8cm³ // Output: 1.6kW / 2.2ps //
Dry weight^{*1}: 3.6kg // Bar size: 30, 35, 40cm / 12, 14, 16in



CS-280T

Engine displacement: 26.9cm³ // Output: 1.07kW / 1.46ps //
Dry weight^{*1}: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



CS-280TES

Engine displacement: 26.9cm³ // Output: 1.07kW / 1.46ps //
Dry weight^{*1}: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



CS-362TES

Engine displacement: 35.8cm³ // Output: 1.50kW / 2.04ps //
Dry weight^{*1}: 3.6kg // Bar size: 30, 35cm / 12, 14in



Accessories on page 58
Batteries & Chargers on page 17

CHAIN SAWS



CS-2511WES

Engine displacement: 25.0cm³ // Output: 1.1kW / 1.5ps // Dry weight^{*1}: 2.6kg // Bar size: 20, 25, 30cm / 8, 10, 12in



CS-281WES

Engine displacement: 26.9cm³ // Output: 1.09kW / 1.48ps // Dry weight^{*1}: 3.1kg // Bar size: 20, 25, 30cm / 8, 10, 12in



NEW

CS-3510L

Engine displacement: 34.4cm³ // Output: 1.6kW / 2.2ps // Dry weight^{*1}: 3.6kg // Bar size: 30, 35cm / 14, 16in



CS-353ES

Engine displacement: 34.0cm³ // Output: 1.59kW / 2.16ps // Dry weight^{*1}: 4.0kg // Bar size: 30, 35, 40cm / 12, 14, 16in



NEW

DCS-310

Rated voltage: 36.0V // Dry weight^{*3}: 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



CS-350WES

Engine displacement: 35.8cm³ // Output: 1.48kW / 2.01ps // Dry weight^{*1}: 3.6kg // Bar size: 40cm / 16in



CS-361WES

Engine displacement: 35.8cm³ // Output: 1.49kW / 2.02ps // Dry weight^{*1}: 3.8kg // Bar size: 35, 40cm / 14, 16in



CS-3510ES

Engine displacement: 34.4cm³ // Output: 1.5kW / 2.1ps // Dry weight^{*1}: 3.7kg // Bar size: 30, 35, 40cm / 12, 14, 16 in



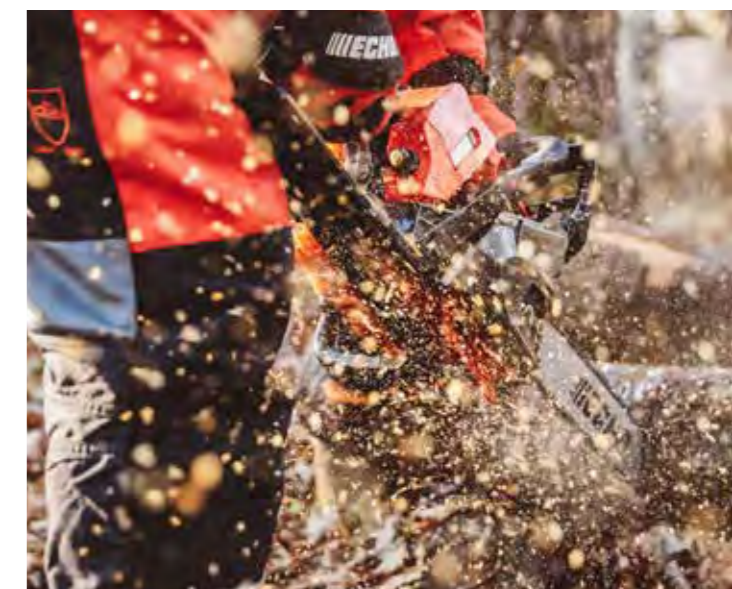
CS-3510AC

Engine displacement: 34.4cm³ // Output: 1.5kW / 2.1ps // Dry weight^{*1}: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



CS-362WES

Engine displacement: 35.8cm³ // Output: 1.49kW / 2.03ps // Dry weight^{*1}: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



*1: Without guide bar and saw chain.*3:With bar and chain. Without battery.



BUILT FOR THE NATURE OF YOUR WORK.

When your work demands strength and initiative, you need tools that you can trust.

ECHO chain saws have been in the hands of professionals for over 50 years, performing reliably through the highs and lows of users who demand robust performance without compromise. We know the nature of your work and it's built into our tools.

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



CHAIN SAWS

- CE Model certified for CE
- ES-Start
- Digital CDI
- Digital controlled CDI
- G-FORCE ENGINE AIR PRE-CLEANER
- G-FORCE Engine Air Pre-Cleaner™
- Spike as standard
- Automatic fast idle
- Side access chain tensioner
- Professional series



CS-3700ES

Engine displacement: 35.8cm³ // Output: 1.50kW / 2.04ps // Dry weight¹: 4.4kg // Bar size: 38cm / 15in



CS-370ES

Engine displacement: 36.3cm³ // Output: 1.41kW / 1.93ps // Dry weight¹: 4.6kg // Bar size: 33, 35, 38cm / 13, 14, 15in



CS-421ES

Engine displacement: 40.2cm³ // Output: 1.82kW / 2.47ps // Dry weight¹: 4.6kg // Bar size: 38, 43, 45cm / 15, 17, 18in



NEW

CS-4310SX

Engine displacement: 42.9cm³ // Output: 2.3kW / 3.1ps // Dry weight¹: 4.3kg // Bar size: 33, 35, 40, 45cm / 13, 14, 16, 18in



DCS-3500

Rated voltage: 50.4V // Dry weight²: 2.9kg // Bar size: 35cm / 14in



CS-4200ES

Engine displacement: 39.6cm³ // Output: 1.89kW / 2.57ps // Dry weight¹: 4.44kg // Bar size: 40cm / 16in 33, 38, 45cm / 13, 15, 18in



CS-4510ES

Engine displacement: 45.0cm³ // Output: 2.3kW / 3.1ps // Dry weight¹: 5.0kg // Bar size: 33, 38, 45, 50cm / 13, 15, 18, 20in



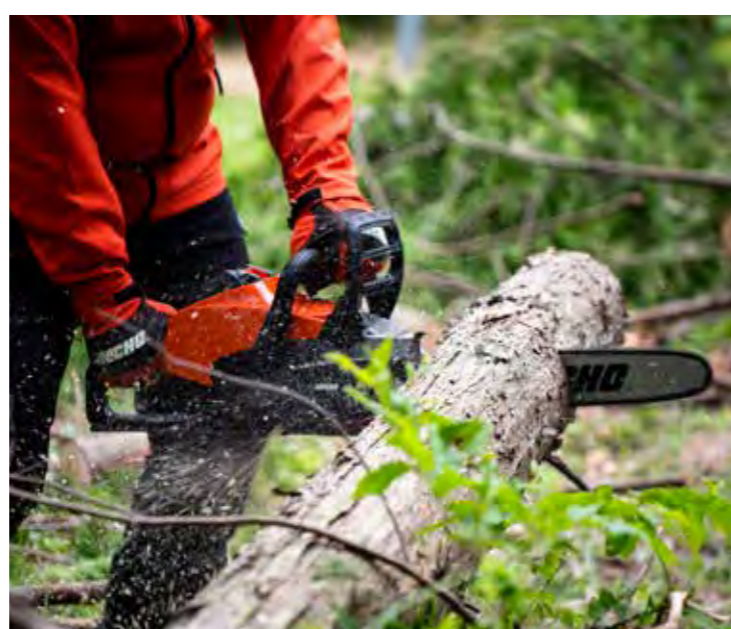
CS-452ESX

Engine displacement: 45.1cm³ // Output: 2.26kW / 3.07ps // Dry weight¹: 4.6kg // Bar size: 38cm / 15in



CS-420ES

Engine displacement: 40.2cm³ // Output: 1.6kW / 2.2ps // Dry weight¹: 4.6kg // Bar size: 38, 45cm / 15, 18in



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



CS-510

Engine displacement: 49.3cm³ // Output: 2.6kW / 3.5ps // Dry weight¹: 5.1kg // Bar size: 38, 45, 50cm / 15, 18, 20in



CS-525

Engine displacement: 49.3cm³ // Output: 2.6kW / 3.5ps // Dry weight¹: 5.1kg // Bar size: 38, 45, 50cm / 15, 18, 20in



Accessories on page 58
Batteries & Chargers on page 17

CHAIN SAWS



CS-490ES

Engine displacement: 50.2cm³ // Output: 2.14kW / 2.91ps // Dry weight^{*1}: 4.8kg // Bar size: 38, 45, 50cm / 15, 18, 20in



CS-501SX

Engine displacement: 50.2cm³ // Output: 2.57kW / 3.50ps // Dry weight^{*1}: 4.7kg // Bar size: 33, 40, 45, 50cm / 13, 16, 18, 20in



CS-621SX

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



CS-680S

Engine displacement: 66.8cm³ // Output: 3.46kW / 4.70ps // Dry weight^{*1}: 6.6kg // Bar size: 40, 45, 50, 60, 70cm / 16, 18, 20, 24, 28in



CS-501SXH WITH HEATED HANDLE

Engine displacement: 50.2cm³ // Output: 2.57kW / 3.50ps // Dry weight^{*1}: 4.9kg // Bar size: 40, 45, 50cm / 16, 18, 20in



CS-590

Engine displacement: 59.8cm³ // Output: 3.0kW / 4.1ps // Dry weight^{*1}: 6.0kg // Bar size: 40, 45, 50, 60cm / 16, 18, 20, 24in



CS-7310SX

Engine displacement: 73.5cm³ // Output: 4.1kW / 5.6ps // Dry weight^{*1}: 6.7kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



CS-1201

Engine displacement: 116.3cm³ // Output: 5.1kW / 6.9ps // Dry weight^{*1}: 10.6kg // Bar size: 53, 75, 90cm / 20, 30, 36in



CS-600S

Engine displacement: 59.8cm³ // Output: 3.0kW / 4.1ps // Dry weight^{*1}: 6.1kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



CS-620SX

Engine displacement: 59.8cm³ // Output: 3.32kW / 4.52ps // Dry weight^{*1}: 6.2kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



*1: Without guide bar and saw chain.



SPECIFICATIONS

CHAIN SAWS

	TOP HANDLE SAWS						TOP HANDLE SAWS					
	CS-2511TES		CS-2511TES C	CS-260TES		CS-280T	CS-280TES	CS-280TES C	CS-3000	CS-303T	CS-360TES	CS-362TES
Configuration	AUS, EU, TUR	KOR, RUS, BASIC	EU	KOR	RUS	EU	EU	EU	BASIC	EU	BASIC,RUS	EU
Engine displacement (cm³)	25.0	25.0	25.0	26.9	26.9	26.9	26.9	26.9	30.1	30.1	35.8	35.8
Output (kW / ps)	1.11 / 1.51	1.11 / 1.51	1.11 / 1.51	0.91 / 1.24	0.91 / 1.24	1.07 / 1.46	1.07 / 1.46	1.07 / 1.46	1.04 / 1.41	1.04 / 1.41	1.6 / 2.2	1.50 / 2.04
Dry weight ¹ (kg)	2.3	2.3	2.3	2.9	2.9	3.0	3.0	3.0	3.4	3.5	3.6	3.6
Fuel tank capacity (mL)	190	190	190	240	240	240	240	240	250	250	330	330
Chain oil tank capacity (mL)	140	140	140	160	160	160	160	160	150	150	243	243
Fuel consumption at maximum engine power (L/h)	0.68	0.68	0.68	0.74	0.74	0.68	0.68	0.68	0.82	0.62	1.10	0.88
Priming pump	○	○	○	○	○	○	○	○	○	○	○	○
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	-	ES-Start	ES-Start	-	-	ES-Start	ES-Start
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○	○	○	-	-	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side	Side	Side	Front	Side	Side	Side
Saw chain pitch (inch)	3/8	3/8	1/4	3/8	3/8	3/8	3/8	1/4	3/8	3/8	3/8	3/8 (1/4)
Guide bar gauge (inch)	0.050	0.050	0.050 (0.043)	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050
Applicable bar length (cm / inch)	20, 25, 30 / 8, 10, 12	20, 25, 30 / 8, 10, 12	20, 25 / 8, 10	20, 25, 30 / 8, 10, 12	20, 25, 30 / 8, 10, 12	20, 25, 30 / 8, 10, 12	20, 25, 30 / 8, 10, 12	25 / 10	30, 35 / 12, 14	30, 35 / 12, 14	30, 35, 40 / 12, 14, 16	30, 35 / 12, 14
Vibration ² Front handle / Rear handle (m/s²)	3.5 / 4.0	3.5 / 4.0	3.5 / 4.0	-	4.6 / 5.2	3.9 / 4.2	3.9 / 4.2	3.9 / 4.2	-	4.0 / 3.7	3.4 / 4.7	3.8 / 4.2
Sound pressure level ³ (dB(A))	99.7	99.6	99.7	97.2(KOR)	97.2	99.3	99.3	99.3	-	98.8	101.6	99.9
Sound power level ⁴ (dB(A))	110.3	108.6	110.3	-	106.7	108.1	108.1	108.1	-	109.7	111.9	110.2

	CHAIN SAWS						CHAIN SAWS							
	CS-2511WES	CS-281WES	CS-310ES	CS-3510ES	CS-3510AC	CS-3510L	CS-353ES	CS-350WES	CS-361WES	CS-362WES	CS-3700ES	CS-370ES		
Configuration	EU	EU	EU	EU	EU	BASIC	BASIC	KOR	RUS	KOR	BASIC,RUS	EU	RUS	BASIC
Engine displacement (cm³)	25.0	26.9	30.5	34.4	34.4	34.4	34.0	34.0	34.0	35.8	35.8	35.8	35.8	36.3
Output (kW / ps)	1.1 / 1.5	1.09 / 1.48	1.1 / 1.5	1.5 / 2.1	1.5 / 2.1	1.6 / 2.2	1.59 / 2.16	1.59 / 2.16	1.59 / 2.16	1.48 / 2.01	1.49 / 2.02	1.49 / 2.03	1.50 / 2.04	1.41 / 1.93
Dry weight ¹ (kg)	2.6	3.1	4.0	3.7	3.8	3.6	4.0	4.0	4.0	3.6	3.8	3.8	4.4	4.6
Fuel tank capacity (mL)	190	240	250	280	280	280	250	250	250	370	320	320	410	410
Chain oil tank capacity (mL)	140	160	260	230	230	230	260	260	260	230	230	230	240	280
Fuel consumption at maximum engine power (L/h)	0.67	0.5	0.68	0.85	0.85	1.14	0.99	0.99	1.00	1.12	1.05	0.86	1.23	0.76
Priming pump	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side	Side	Side	Side	Side	Side	Side	Side	Side
Saw chain pitch (inch)	3/8 (1/4)	3/8 (1/4)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8 (1/4)	0.325	0.325
Guide bar gauge (inch)	0.050 (0.043)	0.050	0.050 (0.043)	0.043, 0.050	0.043, 0.050	0.050 (0.043)	0.050 (0.043)	0.050	0.050	0.050	0.050	0.050	0.050 (0.058)	0.058
Applicable bar length (cm / inch)	20, 25, 30 / 8, 10, 12	20, 25, 30 / 8, 10, 12	30, 35 / 12, 14	30, 35, 40 / 12, 14, 16	30, 35, 40 / 12, 14, 16	35, 40 / 14, 16	30, 35, 40 / 12, 14, 16	40 / 16	30, 35 / 12, 14	40 / 16	35/14(RUS) / 40/16(BASIC)	30, 35, 40(30,35) / 12, 14, 16(12,14)	38 / 15	33,35,38 / 13,14,15
Vibration ² Front handle / Rear handle (m/s²)	4.5 / 4.6	4.6 / 4.9	4.1 / 6.8	4.0 / 5.0	4.1 / 5.0	-	-	-	3.6 / 3.8	-	5.9 / 6.3	5.9 / 6.3	-	-
Sound pressure level ³ (dB(A))	99.2	97.8	97.9	101.5	101.5	-	-	101.4	101.4	99.1	99.3	99.3	-	-
Sound power level ⁴ (dB(A))	109.9	107.5	107.7	110.4	110.9	-	-	-	111.9	-	112	109.3	-	-

	CHAIN SAWS						CHAIN SAWS					
	CS-370ES	CS-4200ES	CS-420ES		CS-421ES	CS-4310SX	CS-4510ES		CS-452ESX	CS-510		
Configuration	EU	KOR	RUS	BASIC	EU	KOR	EU	EU	RUS	RUS	TUR	RUS
Engine displacement (cm³)	36.3	36.3	39.6	40.2	40.2	40.2	42.9	45.0	45.0	45.1	49.3	49.3
Output (kW / ps)	1.41 / 1.93	1.43 / 1.94	1.89 / 2.57	1.75 / 2.38	1.6 / 2.2	1.82 / 2.47	2.3 / 3.1	2.3 / 3.1	2.3 / 3.1	2.26 / 3.07	2.6 / 3.5	2.6 / 3.5
Dry weight ¹ (kg)	4.6	4.6	4.44	4.6	4.6	4.6	4.3	5.0	5.0	4.6	5.1	5.1
Fuel tank capacity (mL)	410	410	410	410	410	410	410	480	480	540	600	600
Chain oil tank capacity (mL)	280	280	240	280	280	280	280	330	330	270	280	280
Fuel consumption at maximum engine power (L/h)	0.76	0.76	1.21	0.95	0.95	1.03	0.95	1.19	1.19	-	1.66	1.66
Priming pump	○	○	-	○	○	○	○	○	○	-	-	-
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	Decomp	-
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○	○	○	○	○	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side	Side	Side	Side	Front	Side	Side
Saw chain pitch (inch)	0.325 (3/8)	0.325 (3/8)	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325	0.325
Guide bar gauge (inch)	0.058 (0.050)	0.058 (0.050)	0.050 (0.058)	0.058	0.058(0.050)	0.058	0.058	0.058,0.050	0.050	0.058	0.058	0.058
Applicable bar length (cm / inch)	33, 38 (35, 40) / 13, 15 (14, 16)	33, 38 (35, 40) / 13, 15 (14, 16)	40 (33, 38, 45) / 16 (13, 15, 18)	38, 45 / 15, 18	38, 45 / 15, 18	38, 43, 45 / 15, 17, 18	33,35, 40,45 / 13, 14, 16, 18	33, 38, 45, 50 / 13, 15, 18, 20	38 / 13	38 / 15	38, 45, 50 / 15, 18, 20	38, 45, 50 / 15, 18, 20
Vibration ² Front handle / Rear handle (m/s²)	3.2 / 5.4	-	-	-	4.4 / 6.4	-	4.4 / 6.4	2.6 / 2.8	2.6 / 2.8	5.4 / 5.5	4.7 / 7.2	4.7 / 7.2
Sound pressure level ³ (dB(A))	98.7	98.7	-	-	99.2	99.9	99.2	100.2	100.2	103.1	103.7	103.7
Sound power level ⁴ (dB(A))	109.4	-	-	-	110.0	-	110.0	111.9	111.9	114.5	115.9	115.9

SPECIFICATIONS

CHAIN SAWS

	CHAIN SAWS						CHAIN SAWS								
	CS-525	CS-490ES	CS-501SX		CS-501SXH		CS-590	CS-600S	CS-620SX	CS-621SX	CS-680S	CS-7310SX	CS-1201		
Configuration	BASIC	KOR	EU	EU	RUS	EU		BASIC	EU	BASIC	BASIC, RUS, TUR	EU	BASIC	EU	BASIC
Engine displacement (cm ³)	49.3	49.3	50.2	50.2	50.2	50.2		59.8	59.8	59.8	59.8	59.8	66.8	73.5	116.3
Output (kW / ps)	2.6 / 3.5	2.6 / 3.5	2.14 / 2.91	2.57 / 3.50	2.57 / 3.50	2.57 / 3.50		3.0 / 4.1	3.0 / 4.1	3.0 / 4.1	3.32 / 4.52	3.2 / 4.4	3.46 / 4.70	4.1 / 5.6	5.1 / 6.9
Dry weight ¹ (kg)	5.1	5.1	4.8	4.7	4.7	4.9		6.0	6.0	6.1	6.2	6.3	6.6	6.7	10.6
Fuel tank capacity (mL)	600	600	490	500	500	500		645	645	645	645	650	640	800	1250
Chain oil tank capacity (mL)	280	280	280	280	280	280		300	300	300	300	300	370	360	650
Fuel consumption at maximum engine power (L/h)	1.66	1.66	1.21	1.54	1.54	1.54		1.68	1.68	1.68	2.05	1.81	2.35	2.33	3.38
Priming pump	-	-	-	-	-	-		-	-	-	-	-	-	-	-
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI		CDI	CDI	CDI	CDI	CDI	CDI	CDI	TCI
Start assist system	-	-	ES-Start	Decomp	Decomp	Decomp		Decomp	Decomp	Decomp	Decomp	Decomp	-	Decomp	-
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia		Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	-
Choke w/ automatic fast idle release	○	○	○	○	○	○		○	○	○	○	○	○	○	-
Chain tensioner	Side	Side	Side	Side	Side	Side		Side	Side	Side	Side	Side	Side	Side	Front
Saw chain pitch (inch)	0.325	0.325	0.325	0.325	0.325	0.325		3/8	3/8	3/8	3/8	3/8	3/8	3/8	0.404
Guide bar gauge (inch)	0.058	0.058	0.058	0.058 (0.050)	0.058	0.058 (0.050)		0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.063
Applicable bar length (cm / inch)	38, 45, 50 / 15, 18, 20	45 / 18	38, 45, 50 / 15, 18, 20	40, 45, 50 (33) / 16, 18, 20 (13)	38, 40, 45, 50 / 15, 16, 18, 20	40, 45, 50 (33) / 16, 18, 20(13)		40, 45, 50, 60, 70 / 16, 18, 20, 24, 28	40, 45, 50, 60 / 16, 18, 20, 24	45, 50, 60, 70 / 18, 20, 24, 28	45, 50, 60, 70 / 18, 20, 24, 28	45, 50, 60 / 18, 20, 24	40, 45, 50, 60, 70 / 16, 18, 20, 24, 28	45, 50, 60, 70 / 18, 20, 24, 28	53, 75, 90 / 20, 30, 36
Vibration ² Front handle / Rear handle (m/s ²)	-	-	5.4 / 6.5	5.2 / 5.4	5.2 / 5.4	5.2 / 5.4		-	4.4 / 4.7	-	3.5 / 4.4 (RUS, TUR)	4.2 / 5.2	-	4.2 / 3.8	-
Sound pressure level ³ (dB(A))	-	103.7	101.8	103.6	103.6	103.6		-	101.0	-	103.8 (RUS, TUR)	101.6	-	106.8	-
Sound power level ⁴ (dB(A))	-	-	111.5	113.5	113.5	113.5		-	112.2	-	114.2 (RUS, TUR)	113.4	-	116.9	-

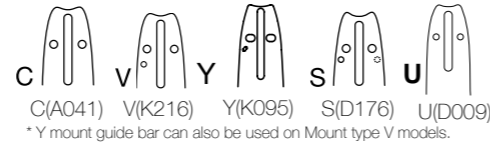
*1: Without guide bar and saw chain. *2: Measured in accordance with ISO 22867. Uncertainty(K)=1.3m/s²

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

CHAIN SAW ACCESSORIES

GUIDE BAR & SAW CHAIN REFERENCE CHART

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



Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN							
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Saw chain	Part number	Standard			
DCS-2500T	0.050	3/8	25	C	C25S91-40SL-ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	EU			
DCS-2500TC	0.043	1/4	20	C	C20HA4-52CL-ED	X100-000070	Solid	Hard	52	A4S	X200-000020	EU			
			25		C25HA4-60CL-ED	X101-000210			60		X201-000020	EU			
CS-2511TES	0.050	3/8	20	C	C20S91-35SA-ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	EU			
			25		C25S91-40SL-ET	X121-000003			40		X221-000100				
			30		C30S91-47ML-EC	X122-000341			47		X222-000140				
CS-2511TESC	0.050	1/4	20	C	C20H25-52CL-ED	X100-000060	Solid	Hard	52	25AP	X200-000000	431610-10030			
			25		C25H25-60CL-ET	X101-000011			60		X202-000010				
	25	C25H25-60CLD-ED	X101-000200		60	A4S			X200-000020		EU				
	0.043	20	C20HA4-52CL-ED						X100-000070		52	X201-000020	EU		
		25	C25HA4-60CL-ED						X101-000210		60	X202-000020	EU		
CS-260TES	0.050	3/8	20	C	C20S91-35SA-ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	KR			
			25		C25S91-40SL-ET	X121-000003			40		X221-000100				
	1/4	25	C30S91-47ML-EC		X122-000341	Solid	Hard	47	X222-000140	60	25AP	431610-10030			
		25	C25L25-60CA-ED		X101-000171			Laminate	60			X200-000020	EU		
CS-280TES	0.050	3/8	25	C	C25S91-40SL-ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	EU			
	0.043	1/4	20		C20HA4-52CL-ED	X100-000070			Solid		Hard		52	A4S	X200-000020
			25		C25HA4-60CL-ED	X101-000210							60		X201-000020
CS-280TES C	0.050	1/4	25	C	C25H25-60CLD-ED	X101-000200	Solid	Hard	60	25AP	431610-10030	EU			
CS-3000	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	EU			
			35		C35S91-53ML-EC	X123-000551			53		X223-000130				
CS-303T	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	EU			
			35		C35S91-53ML-EC	X123-000551			53		X223-000130				
CS-360TES	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91VXL	X222-000130	EU			
			35		C35S91-53ML-EC	X123-000551			53		X223-000080				
			40		C40S91-58AA-ET	430211-13433			58		X224-000030				
			30		C30S91-47ML-EC	X122-000341			Laminate		Sprocket		47	X222-000140	EU, TR
35	C35S91-53ML-EC	X123-000551	53	X223-000130											
CS-362TES	0.050	3/8	30	C	C30H25-68CL-ED	X102-000071	Solid	Hard	68	25AP	431611-10030	EU			
			35		C35H25-76CL-ET	X103-000111			76		X203-000000				
	1/4	20	C20HA4-52CL-ED		X100-000070	Laminate	Sprocket	52	X200-000020	60	A4S	X201-000020			
		25	C25HA4-60CL-ED		X101-000210			60	X202-000030						
		20	C20SA4-52CL-ED		X120-000090			52	X200-000020			EU			
CS-2511WES	0.043	1/4	25	C	C25SA4-60CL-ED	X121-000250	Laminate	Sprocket	60	91PX	X201-000020	EU			
			30		C30SA4-68CL-ED	X122-000440			68		X202-000030				
			20		C20S91-35SA-ET	X120-000021			35		X220-000020				
	0.050	3/8	25		C25S91-40SL-ET	X121-000003	40	X221-000100	Laminate	Sprocket	47	91PX	X222-000140	BASIC	
			30		C30S91-47ML-EC	X122-000341	47	X222-000140							
			20		C20S91-35SA-ET	X120-000021	35	X220-000020							
			25		C25S91-40SL-ET	X121-000003	40	X221-000100			EU				
CS-281WES	0.050	3/8	20	C	C20S91-35SA-ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	EU			
			25		C25S91-40SL-ET	X121-000003			40		X221-000100				
1/4	30	C30S91-47ML-EC	X122-000341	Solid	Hard	68	25AP	431611-10030	25A	X202-000010					
	30	C30H25-68CL-ED	X102-000071			68	X202-000010								

Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN					
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Saw chain	Part number	Standard	
DCS-310	0.043	3/8	30	C	12A4CD3745	X122-000520	Laminate	Hard	45	90PX	X222-000150		
CS-362WES	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	EU	
			35		C35S91-53ML-EC	X123-000551			53	91VXL	X222-000130		
			40		C40S91-53AL-ET	430219-38733			58	91PX	X223-000130	EU	
	1/4	30	C30H25-68CL-ED	X102-000071	Solid	Hard	68	25AP	431611-10030	25A	X202-000010		
		35	C35H25-76CL-ET	X103-000111			76	25AP	431612-10030				
		35	C35S91-53ML-EC	X123-000551			53	91VXL	X223-000080		RU		
CS-361WES	0.050	3/8	35	C	C35S91-53ML-EC	X123-000551	Laminate	Sprocket	53	91VXL	X223-000080	RU	
CS-350WES	0.050	3/8	40	C	C40S91-58AL-ET	X124-000720	Laminate	Sprocket	58	91VXL	X224-000030	KR	
CS-310ES	0.043	3/8	30	C	C30S90-45SA-ET	X122-000181	Laminate	Sprocket	45	90PX	X222-000150	EU	
			35		C35S90-52SA-ET	X123-000231			52		X223-000150		
	0.050	30	C30S91-47ML-EC		X122-000341	47			91PX	X222-000140	EU		
		35	C35S91-53ML-EC		X123-000551	53			91VXL	X222-000130	EU		
CS-353ES	0.050	3/8	35	C	C35S91-53ML-EC	X123-000551	Laminate	Sprocket	53	91VXL	X223-000080	RU, BASIC	
			40		16A0CD3757	X124-000750			57		X224-000020		A
	0.043	35	C30S90-45SA-ET		X122-000181	Laminate	Sprocket	45	90PX	X222-000150	EU		
		35	C35S90-52SA-ET		X123-000231			52	X223-000150				
CS-3510ES CS-3510AC	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	EU	
			35		C35S91-53ML-EC	X123-000551			53		91VXL		X223-000130
	0.043	30	C30S90-45SA-ET		X122-000181	Laminate			Sprocket	45	91PX	X222-000140	EU
		35	C35S90-52SA-ET		X123-000231					52	X223-000150		
		30	C30S91-47ML-EC		X122-000341					47	91VXL	X222-000130	
CS-3510L	0.050	3/8	35	C	C35S91-53ML-EC	X123-000551	Laminate	Sprocket	53	91VXL	X223-000080	RU, BASIC	
			40		C40S91-58AL-ET	X124-000720			58		X224-000030		BASIC
	0.043	30	C30S90-45SA-ET		X122-000181	Laminate	Sprocket	45	90PX	X222-000150	EU		
		35	C35S90-52SA-ET		X123-000231			52	X223-000150				
CS-370ES	0.050	3/8	33	C	Y33S20-56ML-ED	X122000410	Laminate	Sprocket	56	95TXL	X242-000010	EU	
			38		Y38S20-64ML-ED	X123-000670			64		95TXL		X243-000020
	0.058	0.325	35		C35S91-53ML-EC	X123-000551			53	91VXL	X223-000080	EU, KR	
			38		C40S91-58AA-ET	430211-13433			58	91VXL	X224-000030		
	0.050	0.325	33		C33S21-56AA-ET	430513-16634			56	21BPX	431713-30231	EU	
			38		C38S21-64AA-ET	430521-37334			64	21BPX	431721-30231	EU, KR	
DCS-3500	0.043	3/8	35	C	C35S90-52SA-ET	X123-000231	Laminate	Sprocket	52	90PX	X223-000150	EU	
CS-420ES CS420ES(BASIC)	0.050	0.325	38	V	V38S20-64MA-ED	X123-000581	Laminate	Sprocket	64	95TXL	X243-000020	EU	
			45		Y45S20-72ML-ED	X125-000440			72		X245-000060		EU
	0.058	38	C38S21-64AA-ET		430521-37334	Laminate			Sprocket	64	21BPX	431721-30231	EU
		45	C45S21-72AA-ET		430527-37334					72	21BPX	431717-30231	
CS-420ES(BASIC)	0.058	0.325	45	V	V45R21-72AA1-ET	430517-30134	Solid	Sprocket (X160-000150)	72	21LPX	X245-000011		

CHAIN SAW ACCESSORIES

Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN						
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Saw chain	Part number	Standard		
CS-421ES	0.058	0.325	45	V	V45R21-72AA1-ET	430517-30134	Solid	Sprocket (X160-000150)	72	21LPX	X245-000011	KR		
CS-4310SX	0.050	0.325	33	Y	Y33R20-56ML-ED	X122-000470	Solid	Sprocket	56	95TXL	X242-000010	EU		
			35		Y35R20-60ML-ED	X123-000730			60		X243-000010	EU		
			40		Y40R20-68ML-ED	X124-000770			68		X244-000110	EU		
			45		Y45R20-72AL-ED	X125-000490			72		X245-000060	EU		
CS-4510ES	0.058	0.325	33	Y	Y33S21-56ML-ED	X122-000390	Laminate	Sprocket	56	21BPX	431713-30231			
			38		Y38S21-64ML-ED	X123-000620			64		431721-30231			
			45		Y45S21-72ML-ED	X125-000390			72		431717-30231			
			50		Y50S21-80AL-ED	X126-000300			80		431712-30231			
			38		Y38R21-64AA-ET	X123-000650			64		431721-30231			
	0.050	0.325	0.325	45	Y45R21-72AA-ET	X125-000420	Solid	Sprocket (X160-000150)	72	95TXL	431717-30231			
				50	Y50R21-80AA-ET	X126-000320			80		431712-30231			
				33	B33S20-56ML- EB	X122-000540			56		X242-000010	EU		
				38	B38S20-64ML- EB	X123-000760			64		X243-000020	EU		
				45	B45S20-72ML- EB	X125-000510			72		X245-000060	EU		
CS-452ESX	0.058	0.325	38	C	C38S21-64AA-ET	430521-37334	Laminate	Sprocket	64	21BPX	431721-30231	RU		
CS-510	0.058	0.325	38	V	V38R21-64AA1-ET	430521-30134	Solid	Sprocket (X160-000150)	64	21BPX	431721-30231	RU		
			45		V45R21-72AA1-ET	430517-30134			72		431717-30231	TR		
			50		V50R21-80AA1-ET	430512-30134			80		431712-30231			
CS-525	0.058	0.325	45	V	V45R21-72AL-ED	X125-000311	Solid	Sprocket	72	21BPX	431717-30231	KR		
CS-490ES	0.058	0.325	38	Y	Y38S21-64ML-ED	X123-000620	Laminate	Sprocket	64	21BPX	431721-30231	EU		
			45		Y45S21-72ML-ED	X125-000390			72		431717-30231	EU		
			50		Y50S21-80AL-ED	X126-000300			80		431712-30231			
CS-501SX CS-501SXH	0.050	0.325	33	Y	Y33R20-56ML-ED	X122-000470	Solid	Sprocket	56	95TXL	X242-000010	EU		
			40		Y40R20-68ML-ED	X124-000770			68		X244-000110	EU		
			45		Y45R20-72ML-ED	X125-000490			72		X245-000060	EU		
	50	Y50R20-80AL-ED	X126-000450	80	X246-000140	EU								
	0.058	0.325	0.325	40	V	V40R21-68AA-ED			X124-000691		68	21BPX	431711-38331	EU
				45		V45R21-72AA-ED			X125-000351		72		431717-30231	EU
50				V50R21-80AA-ED		X126-000291	80	431712-30231	EU					

Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN					
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Saw chain	Part number	Standard	
CS-590	0.058	3/8	40	S	S40S73-60AA-ED	X124-000481	Laminate	Sprocket	60	73LPX	X264-000060	EU, AUS	
			45		S45S73-64AA-ED	X125-000171			64		X265-000060	EU, AUS	
			50		S50S73-72AA-ED	X126-000141			72		X266-000060	EU, AUS	
CS-621SX	0.058	3/8	45	S	S45R73-64AA-ED	X125-000261	Solid	Sprocket (X160-000080)	64	73LPX	X265-000060	EU	
			50		S50R73-72AA-ED	X126-000191			72		X266-000060	EU	
			60		S60R73-84AA-ED	X128-000051			84		X268-000040	EU	
					73EXL	X268-000060							
CS-600S CS-620SX CS-680S	0.058	3/8	45	S	S45R73-64AA-ED	X125-000261	Solid	Sprocket (X160-000080)	64	73LPX	X265-000060		
			50		S50R73-72AA-ED	X126-000191			72		X266-000060		
					20D8TW3872	X106-000050			84		73EXL	X268-000040	
			60		S60R73-84AA-ED	X128-000051							
			70		24D8TW3884	X108-000020							
28D8TW3892	X110-000000	92	X270-000050										
CS-7310SX	0.058	3/8	45	U	U45R73-68AA-ED	X125-000470	Solid	Sprocket (X160-000080)	68	73EXL	X265-000090	EU	
			50		U50R73-72AA-ED	X126-000390			72		X266-000090	EU	
					73LPX	X266-000060							
			60		U60R73-84AA-ED	X128-000110			84		X268-000060	EU	
70	U70R73-92AA-ED	X130-000040	73EXL	X270-000080	EU								
			73LPX	X270-000050									
CS-1201	0.063	0.404	53	G	21G63	430327-16431	Solid	Hard	72	27X	-		
			75		30G63	430329-16431			92		-		
			90		G90H59-04AA-ET	X114-000001			104		431135-16432	BASIC	

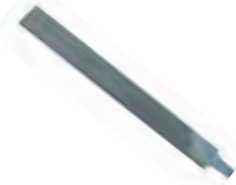
CHAIN SAW ACCESSORIES

CHAIN SAW FILE

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



ROUND FILE



FLAT FILE
9994640011

Item# C9500519



HANDLE
99988801761

Item# C9500520

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

CHAIN SHARPENING KITS

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



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

CHAIN SHARPENING KITS



ADDITIONAL CHAIN SAW ACCESSORIES

For easy in-woods chain sharpening



STUMP VISE
99988801808

Item# C6000044



FELLING WEDGES

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



SPIKED FELLING WEDGES

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

ADDITIONAL CHAIN SAW ACCESSORIES



SPIKE

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

Model	Spike	Bolt
CS-2511TES(C)	C304-000000	V805-000240
CS-260TES / CS-280TES (C)	C304-000070	-
CS-353ES	C304-000010	V805-000010

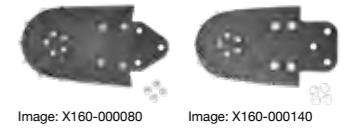


Image: X160-000080 Image: X160-000140

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

REPLACEABLE NOSE KIT

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



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



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



For CS-360TES and CS-362TES



For CS-361WES and CS-362WES

DEBRIS SHIELD

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

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



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



For CS-4310SX



For CS-501SX and CS-501SXH



For CS-620SX and CS-621SX

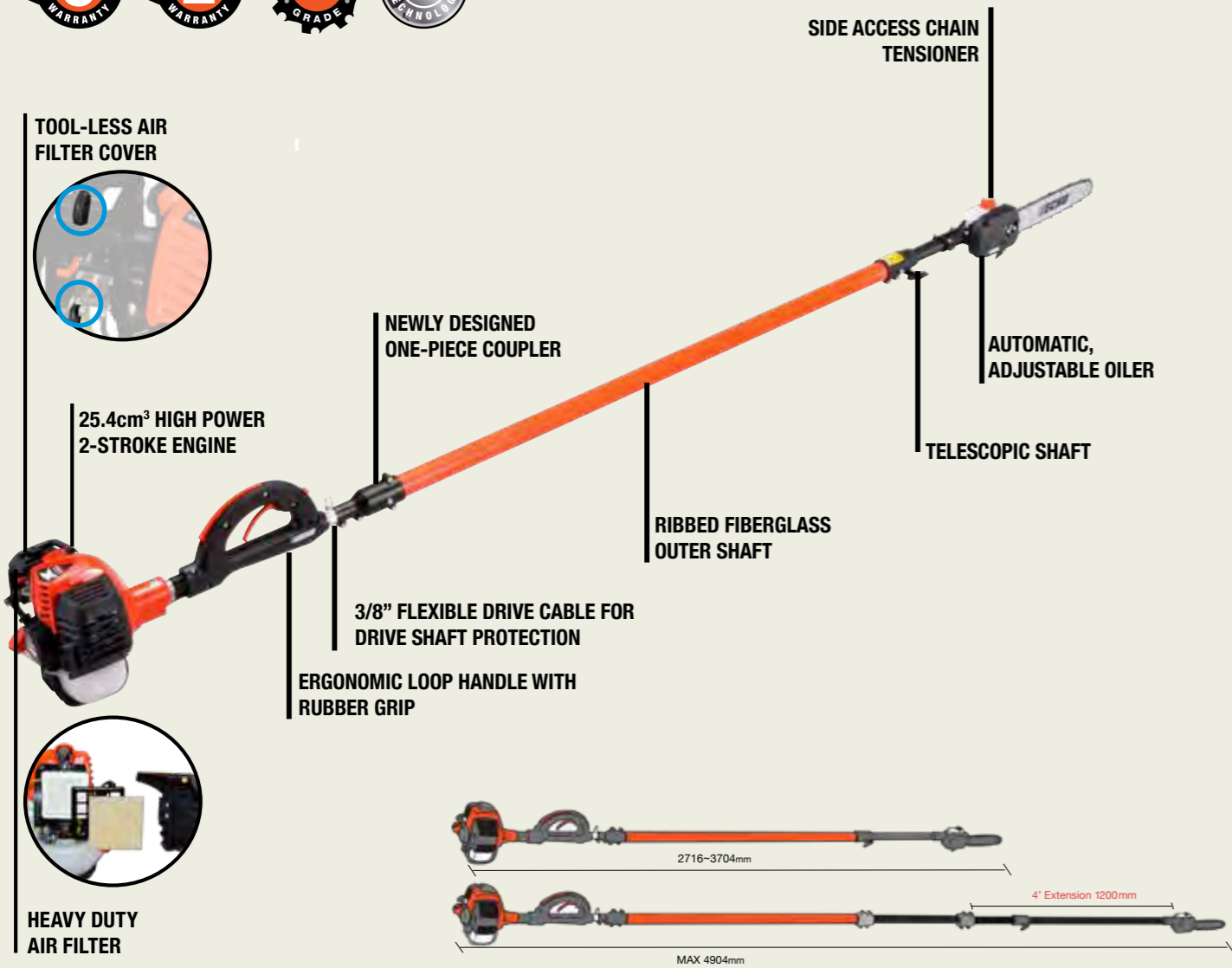
SNOW SHIELD

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

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

POWER PRUNERS® OVERVIEW

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



PPT-2620ES



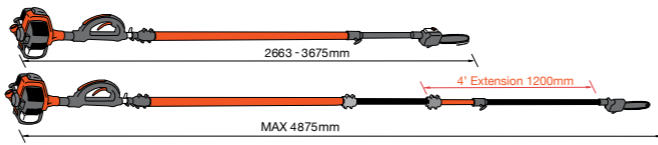
POWER PRUNERS® TELESCOPIC

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



PPT-236ES

Engine displacement: 21.2cm³ // Output: 0.71kW / 0.97ps
 Dry weight^{*1}: 7.7kg // Overall length: 2663-3675mm



POWER PRUNERS® FIXED



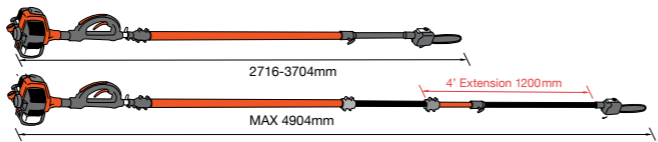
PPF-236ES

Engine displacement: 21.2cm³ // Output: 0.71kW / 0.97ps
 Dry weight^{*1}: 5.7kg // Overall length: 2400mm



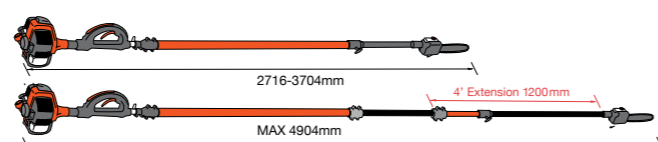
PPT-2620ES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
 Dry weight^{*1}: 7.9kg // Overall length: 2716-3704mm



PPT-2620HES

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps
 Dry weight^{*1}: 7.7kg // Overall length: 2716-3704mm



*1: Without guide bar and saw chain.

SPECIFICATIONS

POWER PRUNERS®

	FIXED POWER PRUNERS®		TELESCOPIC POWER PRUNERS®	
	PPF-236ES	PPT-236ES	PPT-2620ES	PPT-2620HES
Configuration	EU	EU	EU	EU
Engine displacement (cm³)	21.2	21.2	25.4	25.4
Output (kW / ps)	0.71 / 0.97	0.71 / 0.97	1.0 / 1.4	1.0 / 1.4
Dry weight¹ (kg)	5.7	7.7	7.9	7.7
Overall length (mm)	2400	2663-3675	2716-3704	2716-3704
Fuel tank capacity (mL)	420	420	600	600
Chain oil tank capacity (mL)	200	200	200	200
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.61	0.61
Telescoping shaft system	-	○	○	○
Optional extension shaft (feet)	3	4	4	4
Guide bar length (cm / inch)	25 / 10	25 / 10	30 / 12	30 / 12
Guide bar gauge (inch)	0.050	0.050	0.050	0.050
Saw chain pitch (inch)	3/8	3/8	3/8	3/8
Vibration² Left handle/ Right handle (m/s)	2.9 / 3.5	4.9 / 5.3	6.2 / 7.2	4.3 / 4.5
Sound pressure level³ (dB(A))	90.8	92.2	93.8	93.3
Sound power level⁴ (dB(A))	107.6	107.6	107.6	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_{wp})=2.5dB(A). ⁴: Measured in accordance with ISO 22868. Uncertainty(K_{wp})=2.5dB(A).

POWER PRUNERS® ACCESSORIES

GUIDE BARS AND SAW CHAINS

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



Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN		
			Length (cm)	Type	Part number	Bar type	Nose type	Drive links	Oregon type	Part number
PPF-236ES 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

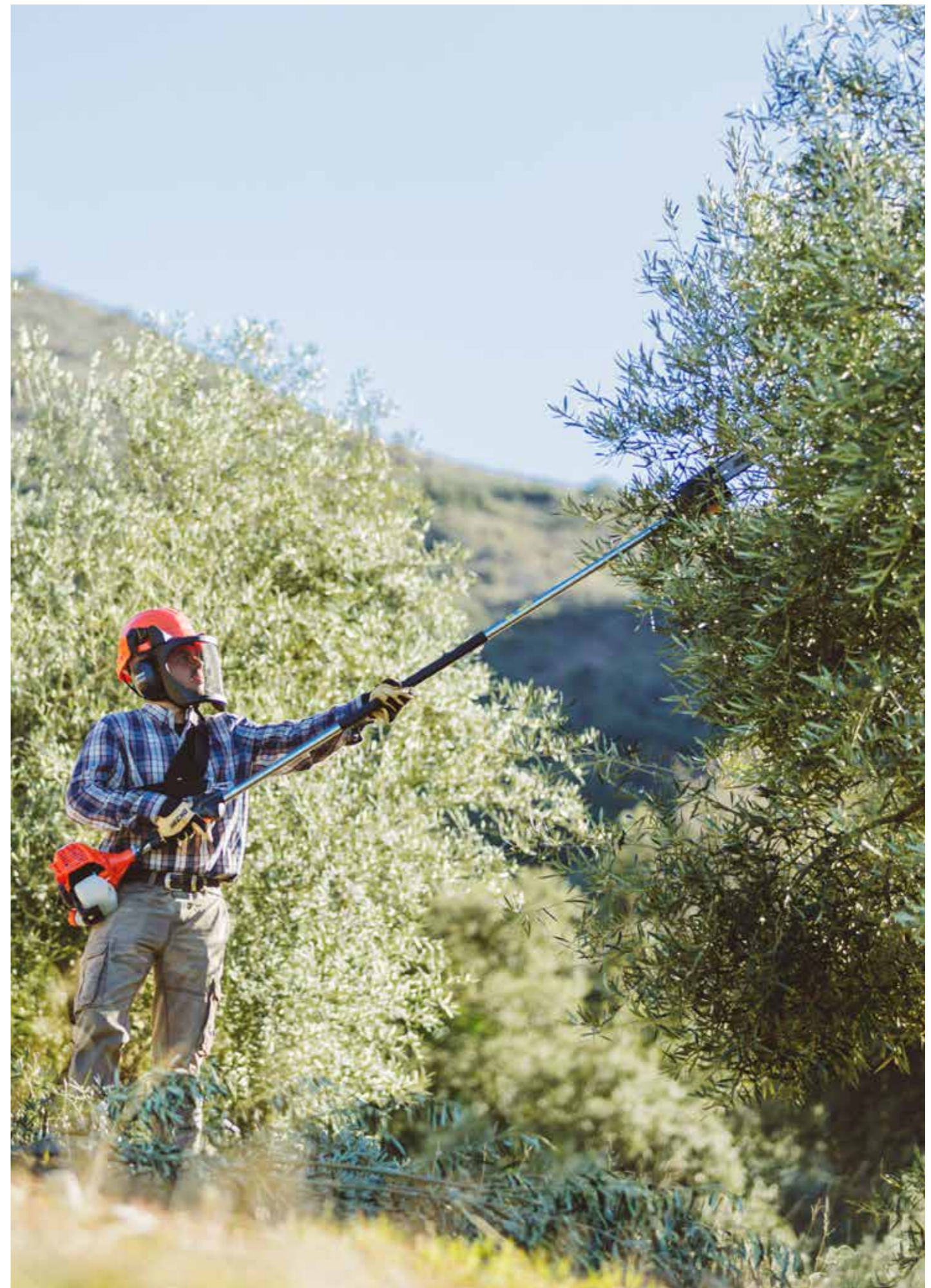
Length: 1200mm
Item# C9500496



HEDGETRIMMER
PPA-AH-HD

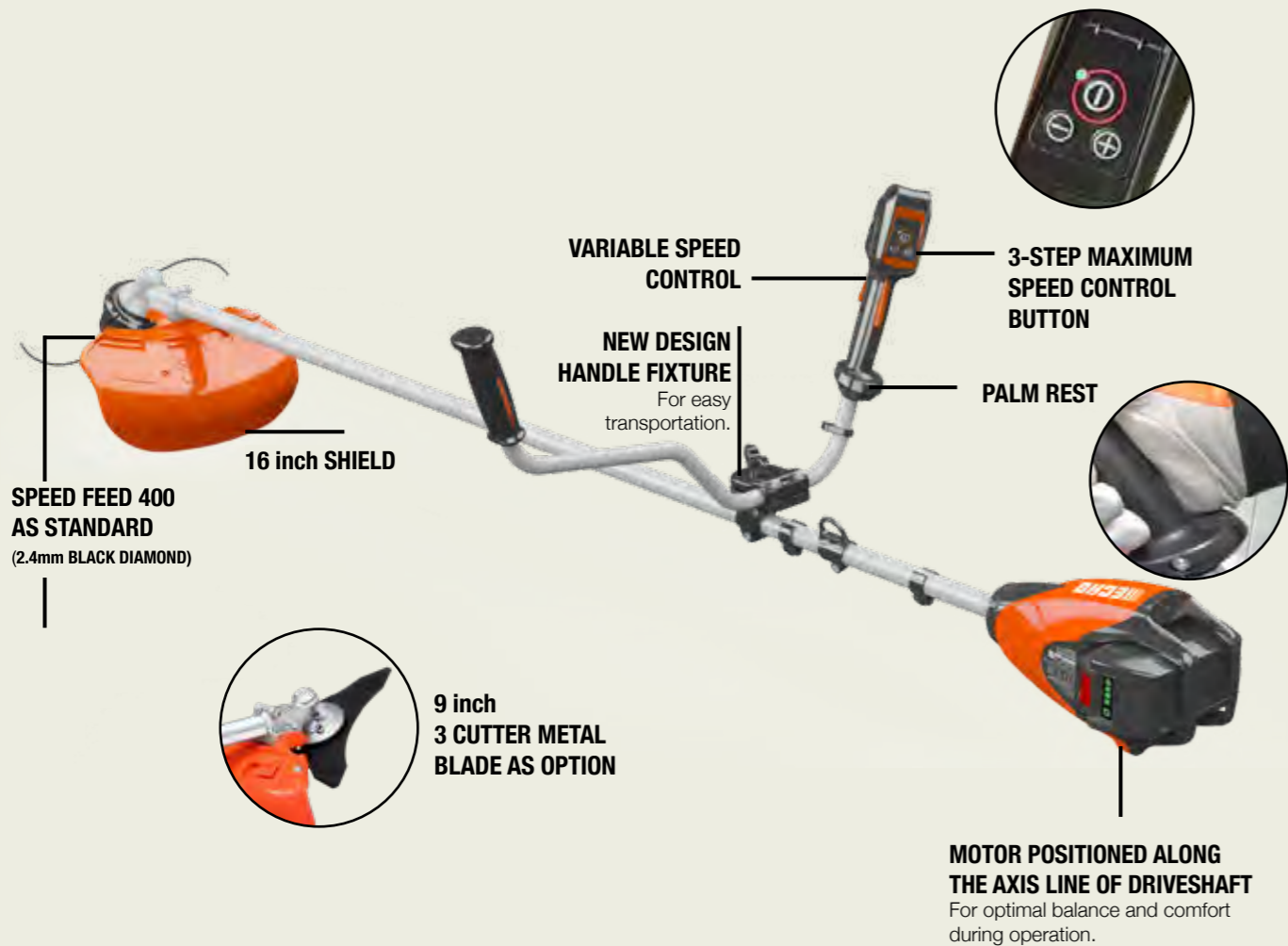
Item# 28350251

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

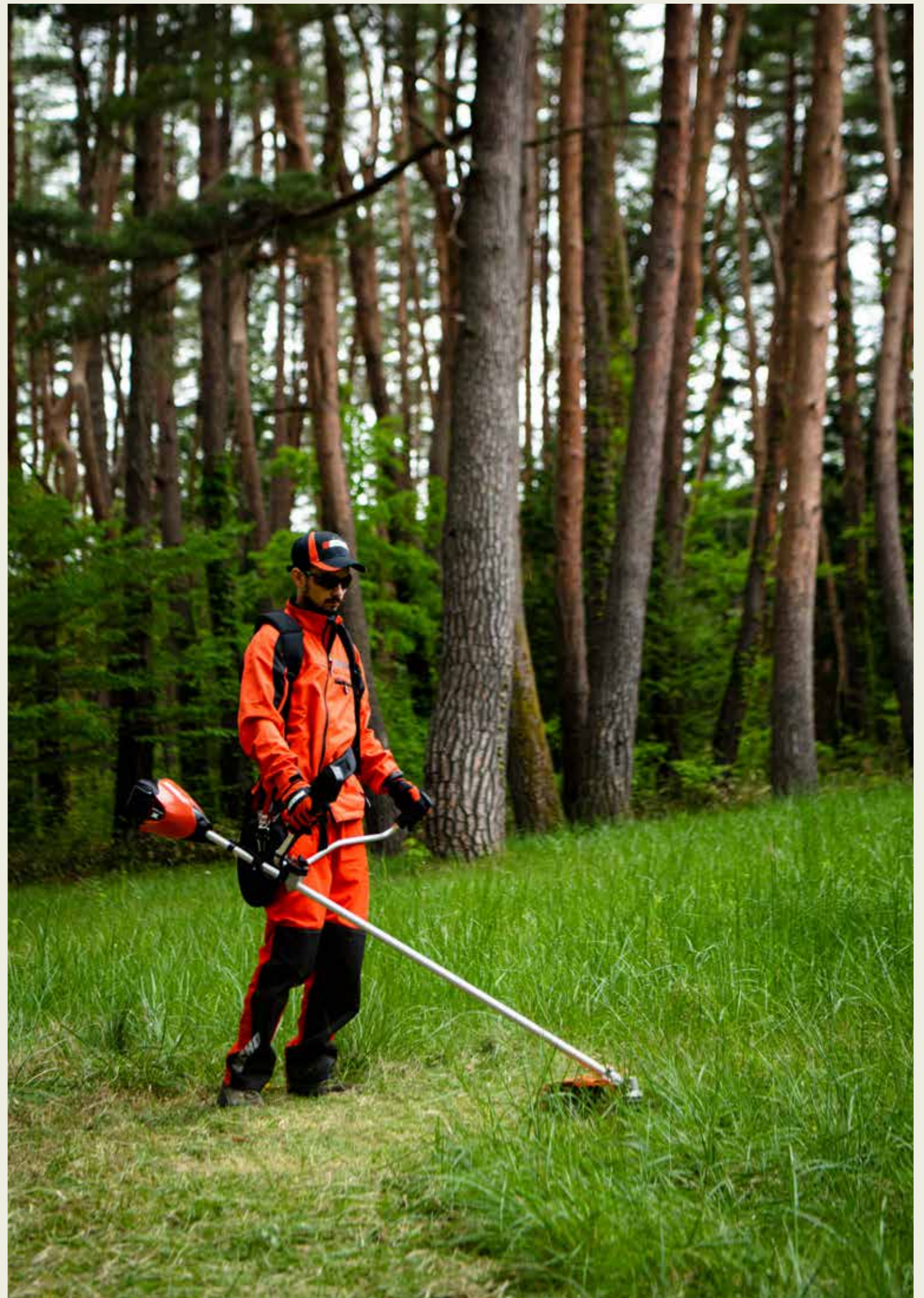


TRIMMERS & BRUSHCUTTERS OVERVIEW

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



DSRM-310

NEW

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



SRM-22GES
SRM-22GES-SB

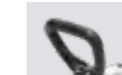
Split-boom shaft SPLIT-BOOM SHAFT

Engine displacement: 21.2cm³ // Output: 0.67kW / 0.91ps //
Dry weight*1: 4.8kg (LOOP HANDLE), 4.8kg (U HANDLE)
(SRM-22GES) 4.7kg (U HANDLE)(SRM-5210-SB)



SRM-237TES

HIGH TORQUE



LOOP HANDLE

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



DSRM-2600



LOOP HANDLE

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



SRM-222ES



LOOP HANDLE

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



SRM-2305SI

Engine displacement: 21.2cm³ // Output: 0.57kW / 0.77ps //
Dry weight*1: 5.7kg



SRM-2510
SRM-2510-SB Split-boom shaft

NEW



SPLIT-BOOM SHAFT

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps //
Dry weight*1: 5.4kg (LOOP HANDLE), 5.6kg (U HANDLE)
(SRM-5210)5.4kg (LOOP HANDLE), 5.6kg (U HANDLE)(SRM-5210-SB)



SRM-2621ES



LOOP HANDLE

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



SRM-237



LOOP HANDLE

Engine displacement: 21.2cm³ // Output: 0.71kW / 0.97ps //
Dry weight*1: 5.0kg (LOOP HANDLE), 5.4kg (U HANDLE)



SRM-2621TES

HIGH TORQUE



LOOP HANDLE

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



SRM-267



LOOP HANDLE

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //
Dry weight*1: 5.3kg (LOOP HANDLE), 5.7kg (U HANDLE)



Accessories on page 84
Batteries & Chargers on page 13,17

TRIMMERS & BRUSHCUTTERS

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



SRM-265TES



Engine displacement: 25.4cm³ // Output: 0.89kW / 1.21ps // Dry weight^{*1}: 6.1kg



SRM-2655SI

Engine displacement: 25.4cm³ // Output: 0.77kW / 1.05ps // Dry weight^{*1}: 5.9kg



SRM-420ES-LW

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



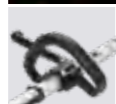
SRM-420ES



Engine displacement: 41.5cm³ // Output: 1.8kW / 2.4ps // Dry weight^{*1}: 7.9kg (LOOP HANDLE), 8.5kg (U HANDLE)



SRM-301TES



Engine displacement: 28.1cm³ // Output: 0.9kW / 1.2ps // Dry weight^{*1}: 5.8kg (LOOP HANDLE), 5.9kg (U HANDLE)



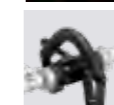
SRM-3021TES



Engine displacement: 30.5cm³ // Output: 1.3kW / 1.8ps // Dry weight^{*1}: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE)



SRM-420TES



Engine displacement: 41.5cm³ // Output: 1.8kW / 2.4ps // Dry weight^{*1}: 8.0kg (LOOP HANDLE), 8.7kg (U HANDLE)



SRM-4300R

Engine displacement: 42.7cm³ // Output: 1.51kW / 2.05ps // Dry weight^{*1}: 7.9kg



SRM-330ES

Engine displacement: 30.5cm³ // Output: 0.90kW / 1.22ps // Dry weight^{*1}: 7.1kg



SRM-3611T



Engine displacement: 36.3cm³ // Output: 1.4kW / 1.9ps // Dry weight^{*1}: 6.1kg (LOOP HANDLE), 6.3kg (U HANDLE)



SRM-4510

Engine displacement: 45.7cm³ // Output: 1.71kW / 2.32ps // Dry weight^{*1}: 7.4kg



SRM-4605

Engine displacement: 45.7cm³ // Output: 1.7kW / 2.3ps // Dry weight^{*1}: 7.9kg





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.

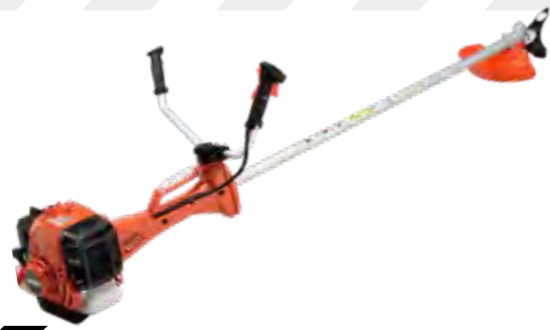
A tool that works with you. A tool that can be trusted and relied on, whatever the conditions.

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.



TRIMMERS & BRUSHCUTTERS



SRM-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps // Dry weight^{*1}: 9.0kg



BCLS-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps // Dry weight^{*1}: 9.2kg



CLEARING SAWS



CLS-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps // Dry weight^{*1}: 9.9kg



TRIMMERS CURVED SHAFT



GT-22GES

Engine displacement: 21.2cm³ // Output: 0.67kW / 0.91ps // Dry weight^{*1}: 4.1kg



GT-222ES

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0ps // Dry weight^{*1}: 4.3kg



*1: Without cutting attachment and shield

BRUSHCUTTERS BACKPACK



RM-4301K-SI

Engine displacement: 42.7cm³ // Output: 1.5kW / 2.0ps // Dry weight^{*1}: 10.1g



RM-4301KS-SI

Split boom shaft

Engine displacement: 42.7cm³ // Output: 1.5kW / 2.0ps // Dry weight^{*1}: 10.1g



RM-520ES

Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps // Dry weight^{*1}: 11.9g



Accessories on page 84

SPECIFICATIONS

TRIMMERS / BRUSHCUTTERS

		CURVED SHAFT TRIMMERS						TRIMMERS / BRUSHCUTTERS							
		GT-22GES		SRM-22GES		SRM-22GES-SB		SRM-222ES		SRM-2305S/U	SRM-237		SRM-237TES		
Configuration		EU	BASIC	RUS	BASIC	RUS	RUS	EU		RUS	EU		EU		
Handle type		L	L	L	L	U	U	U	L	U	U	L	U	L	
Engine displacement (cm³)		21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
Output (kW / ps)		0.7 / 1.0	0.67 / 0.91	0.67 / 0.91	0.67 / 0.91	0.67 / 0.91	0.67 / 0.91	0.7 / 1.0	0.7 / 1.0	0.57 / 0.77	0.71 / 0.97	0.71 / 0.97	0.71 / 0.97	0.71 / 0.97	
Dry weight*1 (kg)		4.3	4.1	4.1	4.8	4.8	4.7	4.8	4.5	5.7	5.4	5.0	5.4	5.1	
Fuel tank capacity (mL)		400	440	440	440	440	450	400	400	400	440	440	440	440	
Fuel consumption at maximum engine power (L/h)		0.45	0.62	0.62	0.62	0.62	0.62	0.45	0.45	0.56	0.45	0.45	0.45	0.45	
Carburettor		Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system		ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	i-Start	-	-	ES-Start	ES-Start	
Drive shaft type		Flexible	Flexible	Flexible	Flexible	Flexible	Flexible	Flexible	Flexible	Solid	Solid	Solid	Solid	Solid	
Drive shaft diameter (mm)		6.1	6.1	6.1	6.15	6.15	6.1	6.15	6.15	6.0	6.0	6.0	6.0	6.0	
Main pipe diameter (mm)		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	
Gear reduction ratio		1.0	1.0	1.0	1.4	1.4	1.4	1.36	1.36	1.36	1.36	1.36	1.62	1.62	
Standardised nylon head		Type	G137 100	G137 100	G137 100	G138 502	G138 502	G138 502	G138 500	G138 500	F4 M10	SF400	SF400	SF400	SF400
		Item number	X047-000552	X047-000551	X047-000551	X047-000570	X047-000570	X047-000570	X047-000561	X047-000561	X047-000260	SF400/E1	SF400/E1	SF400/E1	SF400/E1
Standardised metal blade		Type	-	-	-	-	3-cutter metal blade	3-cutter metal blade	3-cutter metal blade	-	3-cutter metal blade	3-cutter metal blade	-	-	
		Item number	-	-	-	-	X405-000011	X405-000011	P021-014310	-	X405-000011	P021-014310	-	-	
Vibration Left handle ² / Right handle (m/s)		Metal Blade	-	-	-	-	3.1 / 3.1	4.2 / 4.0	3.7 / 2.9	-	4.3 / 5.1	3.7 / 3.6	-	-	
		Nylon head	4.7 / 5.4	5.7 / 5.5	5.7 / 5.5	5.4 / 6.9	4.3 / 3.2	4.1 / 3.5	4.2 / 2.8	4.9 / 5.9	5.6 / 3.2	2.4 / 2.9	4.1 / 2.0	3.4 / 4.3	3.7 / 2.9
Sound pressure level ³ (dB(A)) Blade / Nylon head		- / 91.4	- / 91.8	- / 91.8	- / 91.2	89.6 / 91.2	87.4 / 89.7	92.9 / 87.7	- / 90.3	92 / 100	93.0 / 91.2	- / 92.9	- / 91.8	- / 90.7	
Sound power level ⁴ (dB(A)) Blade / Nylon head		- / 104.2	- / 106.9	- / 104.8	- / 101	99 / 101	100.6 / 101.7	104.2 / 101.8	- / 102.8	101 / -	105.1 / 103.5	- / 104.1	- / 104.2	- / 103.3	

		TRIMMERS / BRUSHCUTTERS						TRIMMERS / BRUSHCUTTERS							
		SRM-2621ES		SRM-2621TES		SRM-267		SRM-265TES	SRM-265S/U	SRM-301TES		SRM-3021TES		SRM-330ES/U	
Configuration		EU		EU		EU		RUS	RUS	EU		EU		RUS	
Handle type		U	L	U	L	U	L	U	U	U	L	U	L	U	
Engine displacement (cm³)		25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	28.1	28.1	30.5	30.5	30.5	
Output (kW / ps)		1.0 / 1.4	1.0 / 1.4	1.0 / 1.4	1.0 / 1.4	0.9 / 1.2	0.9 / 1.2	0.89 / 1.21	0.77 / 1.05	0.9 / 1.2	0.9 / 1.2	1.3 / 1.8	1.3 / 1.8	0.90 / 1.22	
Dry weight*1 (kg)		5.6	5.4	5.7	5.6	5.7	5.3	6.1	5.9	5.9	5.8	6.0	5.8	7.1	
Fuel tank capacity (mL)		600	600	600	600	500	500	500	640	610	610	710	710	840	
Fuel consumption at maximum engine power (L/h)		0.61	0.61	0.61	0.61	0.60	0.60	0.60	0.70	0.65	0.65	0.72	0.72	0.96	
Carburettor		Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system		ES-Start	ES-Start	ES-Start	ES-Start	-	-	ES-Start	i-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	
Drive shaft type		Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	
Drive shaft diameter (mm)		7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	8.0	
Main pipe diameter (mm)		25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	28.0	
Gear reduction ratio		1.36	1.36	2.07	2.07	1.36	1.36	2.07	1.36	2.07	2.07	1.62	1.62	1.33	
Standardised nylon head		Type	SF400	SF400	SF400	SF400	RAPID-LOADER-25	RL-25	Z5 M10L	Z5 M10L	RAPID-LOADER-25	RAPID-LOADER-25	SF400	SF400	Z5 M10L
		Item number	SF400/E1	SF400/E1	SF400/E1	SF400/E1	C6000229	C6000229	X047-000332	X047-000332	C6000229	C6000229	SF400/E1	SF400/E1	X047-000332
Standardised metal blade		Type	3-cutter metal blade	-	-	-	-	-	3-cutter metal blade	3-cutter metal blade	-	-	-	-	8-cutter metal blade
		Item number	P021-014310	-	-	-	-	-	X405-000011	X405-000011	-	-	-	-	696001-55632
Vibration Left handle ² / Right handle (m/s)		Metal Blade	3.8 / 4.0	-	-	-	-	-	3.5 / 2.0	3.3 / 3.8	-	-	-	-	3.5 / 3.0
		Nylon head	4.1 / 3.6	4.0 / 2.9	4.6 / 4.6	5.4 / 3.0	3.4 / 2.9	5.0 / 3.5	2.6 / 1.9	4.2 / 2.7	4.2 / 4.1	3.8 / 2.7	3.9 / 2.6	3.5 / 2.6	3.2 / 3.2
Sound pressure level ³ (dB(A)) Blade / Nylon head		93.0 / 93.1	- / 92.7	- / 94.2	- / 93.1	- / 92.5	- / 92.5	97.3 / 96.0	-	- / 93.1	- / 92.1	- / 94.9	- / 94.9	-	
Sound power level ⁴ (dB(A)) Blade / Nylon head		106.3 / 108.0	- / 107.9	- / 108.1	- / 107.7	- / 104.2	- / 104.2	111.2 / 109.7	-	- / 104.9	- / 106.0	- / 107.7	- / 107.0	-	

*1: Unit without cutting attachment and shield. *2: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s²(Metal Blade), 1.2m/s²(Nylon head).

*3: Measured in accordance with ISO 22868. Uncertainty(KpA)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head).

*4: Measured in accordance with ISO 22868. Uncertainty(KWA)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).

SPECIFICATIONS

TRIMMERS / BRUSHCUTTERS	TRIMMERS / BRUSHCUTTERS						TRIMMERS / BRUSHCUTTERS							
	SRM-3611T		SRM-420ES-LW	SRM-420ES				SRM-420TES		SRM-4300R	SRM-4510	SRM-4605		SRM-520ES
Configuration	EU		EU	EU			RUS	EU		BASIC	BASIC	BASIC	RUS	EU
Handle type	U	L	U	U	L	U	U	L	U	U	U	U	U	U
Engine displacement (cm³)	36.3	36.1	41.5	41.5	41.5	41.5	41.5	41.5	42.7	45.7	45.7	45.7	50.2	
Output (kW / ps)	1.4 / 1.9	1.4 / 1.9	1.8 / 2.4	1.8 / 2.4	1.8 / 2.4	1.8 / 2.4	1.8 / 2.4	1.8 / 2.4	1.51 / 2.05	1.71 / 2.32	1.7 / 2.3	1.7 / 2.3	2.2 / 2.9	
Dry weight ¹ (kg)	6.3	6.1	8.0	8.5	7.9	8.5	8.7	8.0	7.9	7.4	7.9	7.9	9.0	
Fuel tank capacity (mL)	850	850	690	690	690	690	690	690	1000	950	950	950	690	
Fuel consumption at maximum engine power (L/h)	0.92	0.92	1.05	1.05	1.05	1.05	1.05	1.05	1.22	1.39	1.40	1.40	1.23	
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system	Decomp	Decomp	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	-	-	-	-	ES-Start	
Drive shaft type	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	
Drive shaft diameter (mm)	7.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
Main pipe diameter (mm)	25.0	25.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	
Gear reduction ratio	1.62	1.62	1.33	1.33	1.33	1.33	1.33	2.08	2.08	1.33	1.36	1.33	1.33	
Standardised nylon head	Type	Z5 M10L	Z5 M10L	RAPID-LOADER 35	DS-5 M10L	DS-5 M10L	Z5 M10L	B6 M10L	B6 M10L	-	RAPID-LOADER-35	B6 M10L	-	DS-5 M10L
	Item number	X047-000332	X047-000332	C6000181	X047-000221	X047-000221	X047-000332	X047-001121	X047-001121	-	C6000181	X047-001121	-	X047-000221
Standardised metal blade	Type	-	-	-	3-cutter metal blade	-	3-cutter metal blade	-	-	4-cutter metal blade	-	3-cutter metal blade	3-cutter metal blade	3-cutter metal blade
	Item number	-	-	-	P021-014320	-	P021-014320	-	-	696001-64133	-	X405-000001	X405-000001	P021-014320
Vibration ² Left handle / Right handle (m/s)	Metal Blade	-	-	-	3.2 / 2.9	-	3.2/2.9	-	-	-	-	5.3 / 4.2	5.3 / 4.2	3.4 / 3.4
	Nylon head	4.7 / 3.4	5.8 / 3.9	5.3 / 4.7	4.7 / 4.9	2.5 / 4.7	4.7 / 4.7	4.3 / 2.7	2.3 / 3.7	-	-	5.6 / 4.2	-	3.0 / 2.7
Sound pressure level ³ (dB(A)) Blade / Nylon head	- / 93.8	- / 94.5	- / 97.3	96.9 / 92.5	- / 96.2	96.9 / -	- / 96.6	- / 97.6	-	-	97.8 / 101.2	97.8 / -	98.2 / 97.6	
Sound power level ⁴ (dB(A)) Blade / Nylon head	- / 107.6	- / 106.5	- / 112.2	112.2 / 109.4	- / 111.4	112.2 / -	- / 110.3	- / 110.6	-	-	108.3 / 111.7	108.3 / -	113.2 / 111.6	

	SEMI CLEARING SAW	CLEARING SAW	BACKPACK BRUSHCUTTERS		
	BCLS-520ES	CLS-520ES	RM-4301K-SI	RM-4301KS-SI	RM-520ES
Configuration	EU	EU	KR	KR	EU, TUR
Handle type	U	U	Loop	Loop	L
Engine displacement (cm³)	50.2	50.2	42.7	42.7	50.2
Output (kW / ps)	2.2 / 2.9	2.2 / 2.9	1.5 / 2.0	1.5 / 2.0	2.16 / 2.94
Dry weight ¹ (kg)	9.4	9.9	10.1	10.3	11.9
Fuel tank capacity (mL)	690	690	1010	1010	1070
Fuel consumption at maximum engine power (L/h)	1.23	1.36	1.15	1.15	1.23
Carburettor	Diaphragm	Diaphragm	Float	Float	Diaphragm
Start assist system	ES-Start	ES-Start	ES	ES	ES-Start
Drive shaft type	Solid	Solid	-	-	-
Drive shaft diameter (mm)	8.0	8.0	7.0	7.0	8.0
Main pipe diameter (mm)	28.0	35.0	24	24	28.0
Gear reduction ratio	1.40	1.40	1.46	1.46	1.33
Standardised nylon head	Type	-	-	-	Z5 M10L
	Item number	-	-	-	X047-000332
Standardised metal blade	Type	-	Clearing saw blade	-	-
	Item number	-	X040-000090	-	-
Vibration ² Left handle / Right handle (m/s)	Metal Blade	-	-	-	-
	Nylon head	-	-	-	5.3 / 4.0
Sound pressure level ³ (dB(A)) Blade / Nylon head	-	112 / -	-	-	- / 97.5
Sound power level ⁴ (dB(A)) Blade / Nylon head	-	115 / -	-	-	- / 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).

TRIMMER & BRUSHCUTTER ACCESSORIES

METAL BLADE

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



3-CUTTER BLADE

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



3-CUTTER BLADE

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



4-CUTTER BLADE

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



8-CUTTER BLADE

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



CLEARING SAW BLADE

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



SHREDDER BLADE

Part# X413-000040



SHREDDER BLADE SHIELD KIT

Part# P021-035961



SAW BLADE SHIELD

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



PRS-231M

Item# C6000196
Pipes leeves and gear case adapters included.

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

BRUSHCUTTER HARNESS



ERGONOMIC HARNESS

Part# C062-000550



ERGO PRO

Part# C062-000611

METAL BLADE REFERENCE CHART

Item number	METAL BLADE												
	3-CUTTER BLADE				4-CUTTER BLADE				8-CUTTER BLADE		CLEAR-ING SAW	SHRED-DER BLADE	SAW BLADE SHIELD
	X405-000011	X405-000001	P021-014310	P021-014320	X400-000021	696001-64133	X400-000032	X405-000130	696001-55632	X405-000141	X040-000090	X413-000040	P100-0088609
SRM-22GES (BASIC)	L	◇											
SRM-22GES-SB (RUS)	U	●											
SRM-222ES	U	◇	●		◇			◇					
	L	◇	◇		◇			◇					
SRM-2305SI	U	●	●		◇			◇					
SRM-237	U		●		◇			◇					
	L		◇		◇			◇					
SRM-237TES	U		◇		◇			◇					
	L		◇		◇			◇					
SRM-2621ES	U	◇	◇		◇			◇					
	L	◇	◇		◇			◇					
SRM-2621TES	U	◇	◇		◇			◇					
	L	◇	◇		◇			◇					
SRM-267	U		◇		◇			◇					
	L		◇		◇			◇					
SRM-265TES	U	●	◇		◇			◇					
SRM-2655SI	U	●	◇		◇			◇					
SRM-301TES	U		◇		◇			◇		◇			◇
	L		◇		◇			◇		◇			◇
SRM-330ES	U		◇				◇		●	◇			
SRM-3021TES	U				◇			◇		◇			
	L				◇			◇		◇			
SRM-3611T	U				◇			◇		◇			◇
	L				◇			◇		◇			◇
SRM-420ES-LW	U		◇		◇			◇		◇			
SRM-420ES	U				●			◇		◇			◇
	L		◇		◇			◇		◇			◇
SRM-420TES	U				◇			◇		◇			
	L				◇			◇		◇			
SRM-4300R	U		◇				●	◇		◇			
SRM-4605 (BASIC, RUS)	U		●		◇			◇		◇			
SRM-4510(RUS)	U		●							◇			
BCLS-520ES	U				◇							◇	
CLS-520ES	U									●			
SRM-520ES	U		◇		●			◇		◇			◇
RM-520ES	L		◇		◇			◇		◇			◇
DSRM-2600	L				◇								
	U				◇								
MTA-TB	L				◇								
MTA-DTB	-				◇								

TRIMMER & BRUSHCUTTER ACCESSORIES

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

SPEED FEED TRIMMER HEAD

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

1. Line-up Arrows



2. Feed Line



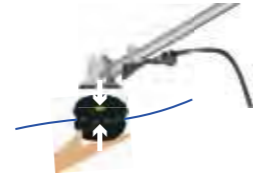
3. Twist Top Disc



Diameter: 2.4mm
Length: 3.0m

SF400

Part# SF400/E1




TAP & GO NYLON CUTTING HEAD



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




G137 100
Part# X047-000551



G138
G138 500: Part# X047-000560 (w/o spacer)
G138 502: Part# X047-000570 (w/spacer)
G138 507: Part# X047-001060 (ø2.0mm)



F4
Part# X047-000260



DS-5
Part# X047-000221



Z5
Part# X047-000332



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

RAPID-LOADER™ HEAD



RAPID-LOADER™ 25
Item# C6000229



RAPID-LOADER™ 35
Item# C6000240



2-LINE RAPID-LOADER™
Item# C9500089



3-LINE RAPID-LOADER™
Item# C9500092



NYLON LINE HEAD REFERENCE CHART

Part number	Replacement spool	TAP & GO NYLON LINE CUTTING HEAD										SPEED-FEED	RAPID-LOADER		MANUAL / FIXED NYLON LINE CUTTING HEAD		
		B4		G137 100	G138		F4 M10	DS-5	Z5 M10L	B6		SF400	RAPID-LOADER 35	RAPID-LOADER 25	RAPID-LOADER		
		R	L	500	502			M10L	M12L	2-Line	3-Line						
GT-22GES / GT-222ES	L	◇		●													
SRM-22GES (BASIC)	L		◇		●						◇						
SRM-22GES-SB (RUS)	U				●						◇						
SRM-222ES	U				●						◇					◇	
SRM-222ES	L				●						◇					◇	
SRM-2305SI	U						●				◇					◇	
SRM-237	U										●					◇	
SRM-237	L										●					◇	
SRM-237TES	U										●					◇	
SRM-237TES	L										●					◇	
SRM-2621ES	U										●					◇	
SRM-2621ES	L										●					◇	
SRM-2621TES	U										●					◇	
SRM-2621TES	L										●					◇	
SRM-267	U								◇								◇
SRM-267	L								◇								◇
SRM-265TES	U									●						◇	
SRM-265SI	U									●						◇	
SRM-301TES	U								◇							◇	
SRM-301TES	L								◇							◇	
SRM-330ES	U									●						◇	◇
SRM-3021TES	U										●						
SRM-3021TES	L										●						
SRM-3611T	U									●						◇	◇
SRM-3611T	L									●						◇	◇
SRM-420ES	U								◇ / ● (EU)							◇	◇
SRM-420ES	L								◇ / ● (EU)							◇	◇
SRM-420ES-LW	U											●					
SRM-420TES	U															◇	◇
SRM-420TES	L															◇	◇
SRM-4300R	U																
SRM-4510 (BASIC)	U												●				
SRM-4510 (RU)	U												◇				
SRM-4605 (BASIC)	U									◇	●					◇	◇
SRM-4605 (RUS)	U									◇						◇	◇
SRM-520ES	U															◇	◇
BCLS-520ES	U																
CLS-520ES	U																
RM-520ES	L								◇		●					◇	◇
DSRM-310	L	●															
DSRM-2600	U																
DSRM-2600	L																
DPAS-TRIMMER	L												●				
MTA-TB	L												●				
MTA-DTB	-												●				

TRIMMER & BRUSHCUTTER ACCESSORIES

HIGH DURABILITY LINE

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

ROUND LINE: Durable and lasts longer against hard surfaces

Diameter	Donut S		Donut M		Donut L		Spool 160		Spool 7	
	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	Length(m) / Item#	
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	425	340095075
ø 2.67 mm	10	340105004	34	340105070	66	340105071	216	340105073	345	340105075
ø 3.00 mm	8	340120004	31	340120070	63	340120071	208	340120073	346	340120075
ø 3.30 mm	8	340130004	26	340130070	53	340130071	168	340130073	278	340130075

BLACK DIAMOND™ LINE (TWISTED, SQUARE EDGES)

CROSS FIRE® LINE (MULTI- SIDED)

ROUND LINE

SILENTWIST™ LINE (TWISTED, CURVED EDGES)



TITANIUM LINE

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

High tenacity core = High resistance to breakage.

Tough outer skin = Outstanding resistance to abrasion and welding.

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

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

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

CO-EX TRANSPARENT LINE

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

Rigid core beats and slices grass for a manicured finish.

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

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

OXO-BIODEGRADABLE LINE

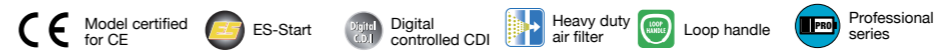
This is a strong and durable line which is also environmentally friendly. Over time it can degrade into the soil through exposure to sunlight, heat and microorganisms. It is the only line certified oxo-biodegradable by CNEP, the French research organisation for photo ageing.



Engineered undulation drastically reduces noise and provides dramatic cutting efficiency.

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

PRO ATTACHMENT SERIES™



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™	PRO ATTACHMENT SERIES™
	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.

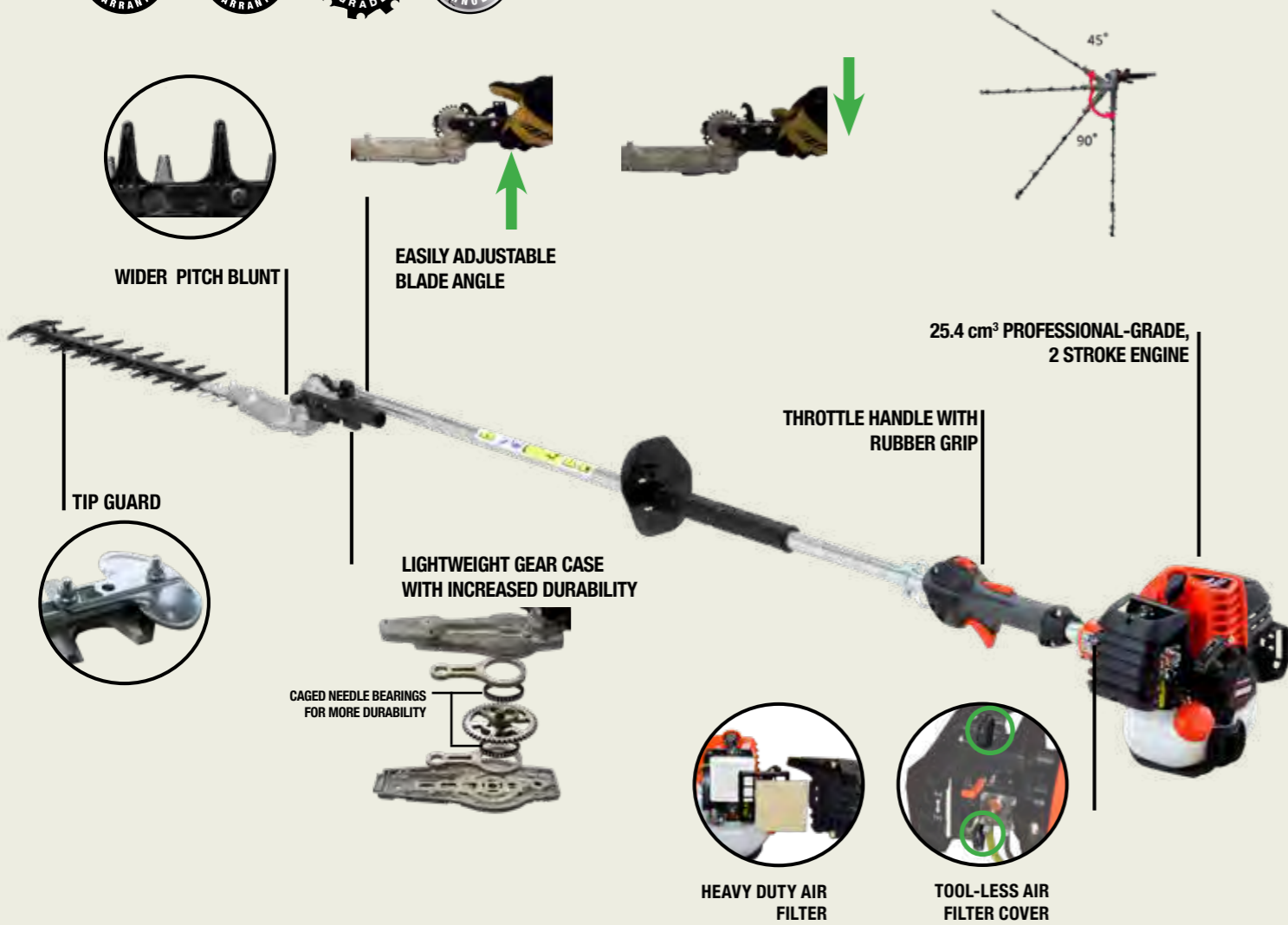
PRO ATTACHMENT SERIES™	MULTI TOOL
	DPAS-2600
Rated Voltage (V)	50.4
Dry weight (kg)	2.4*2
Run Time (min)	-*3
Drive Shaft Type	Flexible
Drive Pipe Diameter (mm)	6.1
Main Shaft Diameter (mm)	25.0

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
	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 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.



HCA-2620ES-HD



HEDGE TRIMMERS DOUBLE-SIDED



NEW

DHC-310

Rated Voltage: 36.0V // Dry weight¹: 2.7kg // Cutting length: 604mm



HC-2020

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 4.5kg // Cutting length: 534mm



HCR-185ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 5.3kg // Cutting length: 744mm



HC-2810ESR

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 5.2kg // Cutting length: 624mm



HC-2020R

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 4.6kg // Cutting length: 534mm



HC-2320

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 4.6kg // Cutting length: 639mm



DHC-200

Rated Voltage: 50.4V // Dry weight¹: 3.3kg // Cutting length: 624mm










HCR-165ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps // Dry weight: 5.1kg // Cutting length: 639mm



HEDGE TRIMMERS SINGLE-SIDED

 Model certified for CE
  ES-Start
  Heavy duty air filter
  Adjustable cutter clearance
  Adjustment-free
  Tip guard
  Digital controlled CDI



HCS-3210ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight: 4.8kg // Cutting length: 729mm



HCS-3810ES

Engine displacement: 21.2cm³ // Output: 0.6kW / 0.8ps //
Dry weight: 4.9kg // Cutting length: 834mm



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



SHORT REACH HCAS-2620ES-HD

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps //
Dry weight: 6.2kg // Cutting length: 536mm // Overall length: 1784mm



LONG REACH HCA-236ES-LW

Engine displacement: 21.2cm³ // Output: 0.7kW / 1.0ps //
Dry weight: 6.2kg // Cutting length: 519mm // Overall length: 2407mm



LONG REACH HCA-2620ES-HD

Engine displacement: 25.4cm³ // Output: 1.0kW / 1.4ps //
Dry weight: 6.5kg // Cutting length: 536mm // Overall length: 2440mm



Accessories on page 99

SPECIFICATIONS

HEDGE TRIMMERS

	DOUBLE-SIDED HEDGE TRIMMERS					SINGLE-SIDED HEDGE TRIMMERS			
	HC-2020R	HC-2020	HC-2320	HCR-165ES	HCR-185ES	HC-2810ESR	HCS-2810ES	HCS-3210ES	HCS-3810ES
Configuration	EU	EU	EU	EU, RUS	EU, RUS	EU	EU	EU	EU
Engine displacement (cm ³)	21.2	21.2	21.2	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	0.6 / 0.8	0.6 / 0.8	0.6 / 0.8
Dry weight (kg)	4.6	4.5	4.6	5.1	5.3	5.2	4.7	4.8	4.9
Fuel tank capacity (mL)	390	390	390	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	0.40	0.40	0.40
Start assist system	-	-	-	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
Rotating handle	○	-	-	○	○	○	-	-	-
Anti-vibration system	-	-	-	○	○	○	-	-	-
Cutter type	Double	Double	Double	Double	Double	Double	Single	Single	Single
Cutting length (mm)	534	534	639	639	744	624	589	729	834
Cutter pitch (mm)	35	35	35	35	35	35	35	35	35
Cutter clearance	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustment-free	Adjustment-free	Adjustment-free	Adjustment-free
Stroke rate (cuts/min)	3,600	3,600	3,600	3,600	3,600	4,700	4,700	4,700	4,700
Vibration levels ¹ Front handle /Rear handle (m/s ²)	6.7 / 6.8	6.4 / 9.7	8.7 / 10.2	3.6 / 4.8	3.9 / 4.8	5.9 / 4.8	8.7 / 5.1	9.0 / 6.7	6.0 / 5.3
Sound pressure level ² (dB(A))	96.3	96.1	96.1	98.8	98.6	99.8	101.0	98.2	100.6
Sound power level ³ (dB(A))	106.5	106.5	106.7	105.7	105.4	107.4	108.1	106.4	108.2

	SHAFTED HEDGE TRIMMERS			
	HCAS-236ES-LW	HCAS-2620ES-HD	HCA-236ES-LW	HCA-2620ES-HD
Configuration	EU	EU	EU	EU
Engine displacement (cm ³)	21.2	25.4	21.2	25.4
Output (kW / ps)	0.7 / 1.0	1.0 / 1.4	0.7 / 1.0	1.0 / 1.4
Dry weight (kg)	5.9	6.2	6.2	6.5
Overall length (mm)	1749	1784	2407	2440
Fuel tank capacity (mL)	440	600	440	600
Fuel consumption at maximum engine power (L/h)	0.45	0.61	0.45	0.61
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start
Rotating handle	-	-	-	-
Anti-vibration system	-	-	-	-
Cutter type	Double	Double	Double	Double
Cutting length (mm)	519	536	519	536
Cutter pitch (mm)	30	35	30	35
Cutter clearance	Adjustable	Adjustment-free	Adjustable	Adjustment-free
Stroke rate (cuts/min)	3,900	5,000	3,900	5,000
Vibration levels ¹ Front handle /Rear handle (m/s ²)	4.5 / 7.3	8.1 / 9.4	4.1 / 3.7	7.6 / 7.2
Sound pressure level ² (dB(A))	94.3	96.2	95.5	96.6
Sound power level ³ (dB(A))	106.2	108.9	106.7	109.0

*1: Measured in accordance with ISO 10517. Uncertainty(K)=5.0m/s².
 *2: Measured in accordance with ISO 10517. Uncertainty(K₁)=2.5dB(A).
 *3: Measured in accordance with ISO 10517. Uncertainty(K₁)=2.5dB(A).

HEDGE TRIMMER ACCESSORIES

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



TIP GUARD KIT

Fits HCR-165ES, HCR-185ES
 HC-2000, HC-2020R, HC-2320
 Part# P021-049520



CUTTER ASSEMBLY KIT

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

Y50001

BENEFITS OF Y50001:

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

BLOWERS

OVERVIEW

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



PB-8010



BLOWERS **HANDHELD**

NEW



DPB-310

Rated voltage: 36.0V // Dry weight⁵: 2.2kg



DPB-600

Rated voltage: 50.4V // Dry weight¹: 3.2kg //
Air volume: 648m³/h // Max air speed: 72.5m/sec



PB-2520

Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //
Dry weight²: 3.9kg // Air volume³: 768m³/h //
Max. air speed: 76.2m/sec



PB-2620

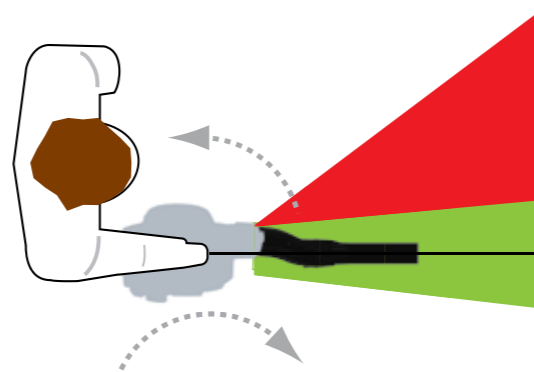
Engine displacement: 25.4cm³ // Output: 0.9kW / 1.2ps //
Dry weight²: 4.4kg // Air volume³: 774m³/h //
Max. air speed: 76.7m/sec



Vacuum Capable

PB-255ES

Engine displacement: 25.4cm³ // Output: 0.8kW / 1.1ps //
Dry weight²: 4.8kg // Air volume³: 600m³/h //
Max. air speed: 85.3m/sec



ROTATIONAL CONTROL

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

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.

SHRED 'N' VAC[®]



ES-250ES

Engine displacement: 25.4cm³ // Output: 0.7kW / 1.0ps //
Dry weight²: 5.7kg // Air volume³: 576m³/h //
Max. air speed: 81.7m/sec



ES-255ES

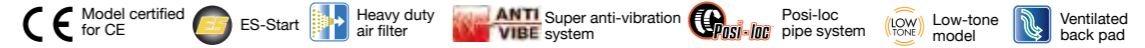
Engine displacement: 25.4cm³ // Output: 0.8kW / 1.1ps //
Dry weight²: 5.8kg // Air volume³: 600m³/h //
Max. air speed: 84.9m/sec



Accessories on page 106

102 Batteries & Chargers on page 13,17

BLOWERS BACKPACK



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



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



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



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



*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.

SPECIFICATIONS

POWER BLOWERS / SHRED 'N' VAC®

	HANDHELD BLOWERS				SHRED 'N' VAC®		BACKPACK BLOWERS			
	PB-2520	PB-2620	PB-255ES	ES-250ES	ES-255ES	PB-265ESLT	PB-580	PB-770	PB-8010	
Configuration	EU, RUS	EU	EU	EU, RUS	EU	EU	EU	EU, RUS	EU	
Engine displacement (cm ³)	25.4	25.4	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	0.8 / 1.1	0.7 / 1.0	0.8 / 1.1	0.70 / 0.95	2.1 / 2.8	3.1 / 4.2	4.2 / 5.7	
Dry weight ⁴ (kg)	3.9	4.4	4.8	5.7	5.8	6.0	10.3	11.0	11.9	
Fuel tank capacity (mL)	550	600	470	500	470	660	1840	2020	2560	
Fuel consumption at maximum engine power (L/h)	0.52	0.55	0.57	0.52	0.57	0.54	1.03	1.87	2.18	
Blowing Air force(N)	15.8	15.8 (Round) / 15.7(Flat)	13.0	12.0	12.7	10.9	22.0	33.2	44.4	
Air volume at actual usage point (m ³ /h) ⁷	768 ¹⁰	774 ¹⁰	600 ¹⁰	576 ¹⁰	600 ¹⁰	618 ¹⁰	882 ¹⁰	1290 ¹⁰	1819 ¹⁰	
Maximum air speed (m/sec)	76.2 ¹⁰	76.7 ¹⁰	85.3 ¹⁰	81.7 ¹⁰	84.9 ¹⁰	68.7 ¹⁰	96.4 ¹⁰	104.6 ¹⁰	94.5 ¹⁰	
Start assist system	-	-	ES-Start	ES-Start	ES-Start	-	-	-	-	
Throttle setting device	○	○	○	○	○	○	○	○	○	
Standardised nozzle type	A	Round straight	Round straight	Flat straight	Vacuum	Vacuum	Round straight	Round straight	Round straight	Round straight
	B	-	Flat straight	-	Flat straight	Flat straight	-	Round bent	Round bent	-
Vacuum kit	-	-	Optional	-	○	-	-	-	-	
Vibration levels (m/s ²) ⁸ (Nozzle TypeA / Nozzle TypeB /Nozzle typeA/Rear handle)	9.9	6.6 / 7.1	8.1	8.3 / 9.0 / 5.0	5.1 / 8.1 / 10.0	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	77.1	93.8 / 89.0	88.8 / 87.3	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	102.1	106.6 / 104.0	102.6 / 102.1	99.5 / 104.9	105.3 / 104.9	108.8 / 108.6	114.3	

¹⁰: Unit with standard blower / vacuum pipe A, empty tank. ¹¹: 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_{1A},K_{1B})=2.5dB(A).¹⁰: Measured in accordance with ANSI/OPEI B175.2.

BLOWER ACCESSORIES

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



PBAV-255

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



SHOULDER STRAP 99944100030

Item# C9500141



RAIN GUTTER KIT

Item# 99944100026



BLOWER ACCESSORIES



MIST NOZZLE CONVERSION KIT

Item# PBMNKIT1



Chemical tank not included



HIP BELT

Part# P021-051530



HIP BELT

Part# C644000240



BACK STRAP

Part# C651000140

BLOWER ACCESSORY FIT UP CHART

Standard: ● Option: ◇

Model	Vacuum attachment	Rain gutter kit	Mist nozzle conversion kit	Shoulder strap	Hip Belt		Back strap
	PBAV-255	99944100026	PBMNKIT1	C9500141	P021-051530	C644000240	C651000140
DPB-600		◇	◇	◇			
PB-2520/ PB-2620		◇	◇	◇			
PB-255ES	◇	◇	◇				
PB-265ESLT		◇	◇				
PB-580		◇	◇		◇		
PB-770						●	●
PB-8010						●	
ES-250ES		◇	◇				

MIST BLOWERS OVERVIEW

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



DM-6120



TRANSPARENT CHEMICAL TANK
Allows you to control consumption.

ADJUSTABLE NOZZLE
Variety of discharge volumes.



6 DIALS

NEWLY DESIGNED TANK FILTER
Prevents water splashing while pouring into the tank.



58.2 cm³ PROFESSIONAL GRADE 2-STROKE ENGINE
Ensures excellent performance.

TRANSLUCENT FUEL TANK
Helps to determine the time of refueling.

THE SPECIAL FAN AND HOUSING DESIGN
Provides better flow of chemicals.

CE Model certified for CE Heavy duty air filter



DUSTER / MIST BLOWER
DM-6120

Dust attachment option

Engine displacement: 58.2cm³ // Output: 2.8kW / 3.8ps //
Dry weight*1: *111.5kg / *212.6kg //
Chemical tank capacity: 23.0L



DUSTER / MIST BLOWER
MB-5810

Dust attachment option

Engine displacement: 58.2cm³ // Output: 2.4kW / 3.3ps //
Dry weight*1: 13.1kg (20L)12.7kg (12L) //
Chemical tank capacity: 20.0L / 12.0L



*1: Unit without blower pipes and related parts.*2: Unit without spraying hose and nozzle.

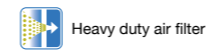


GRANULE SPREADERS OVERVIEW

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



DMC-800



DUSTER / GRANULE SPREADER DMC-800-26 / DMC-800-30

Engine displacement: 58.2cm³ // Output: 2.87kW / 3.90ps //
 Dry weight*1: DMC-800-26: *111.8kg / *212.6kg
 DMC-800-30: *112.2kg / *213.0kg //
 Chemical tank capacity : 26.0L 30.0L



*1: Unit without blower pipes and related parts.*2: Unit without spraying hose and nozzle.



DUSTER / GRANULE SPREADER DMC-801-45

Engine displacement: 58.2cm³ // Output: 2.87kW / 3.90ps //
 Dry weight*1: *112.7 / *213.5kg //
 Chemical tank capacity : 45.0L

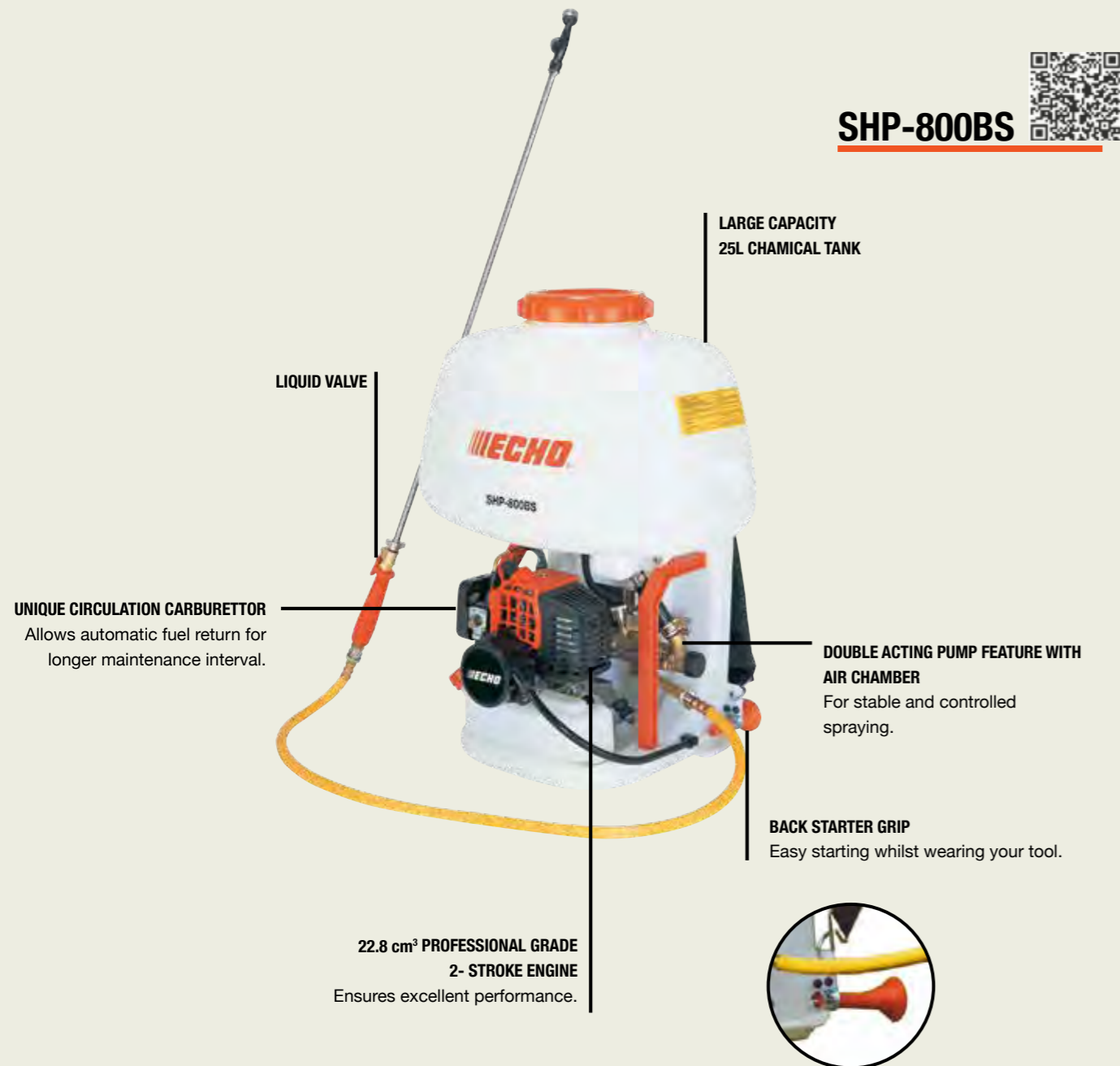


Accessories on page 114

POWER SPRAYERS

OVERVIEW

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



SHP-800BS



**SHP-800
SHP-800S**

Engine displacement: 22.8cm³ // Output: 0.74kW / 1.01ps //
Chemical tank capacity: 25L // Dry weight^{*1}: 9.0kg (SHP-800),
9.4kg (SHP-800S)



SHP-800BS

Engine displacement: 22.8cm³ // Output: 0.74kW / 1.01ps //
Chemical tank capacity: 25L // Dry weight^{*1}: 9.5kg



SHP-800-2

Engine displacement: 22.8cm³ // Output: 0.74kW / 1.01ps //
Chemical tank capacity: 25L // Dry weight^{*2}: 9.0kg

^{*1}: Unit without spraying hose and nozzle.



SPECIFICATIONS

POWER SPRAYERS

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

*1: Unit without spraying hose and nozzle.

DUSTERS / MIST BLOWERS GRANULE SPREADERS

	MIST BLOWERS	DUSTERS / MIST BLOWERS	DUSTER / GRANULE SPREADERS		
	MB-5810	DM-6120	DMC-800-26	DMC-800-30	DMC-801-45
Configuration	EU	BASIC, RUS	STD	STD	STD
Engine displacement (cm³)	58.2	58.2	58.2	58.2	58.2
Maximum engine power (kW / ps)	2.4 / 3.3	2.8 / 3.8	2.87 / 3.90	2.87 / 3.90	2.87 / 3.90
Dry weight*2*3 (kg)	13.1(20L) / 12.7(12L)	*211.5 / *312.6	*211.8 / *312.6	*212.2 / *313.0	*212.7 / *313.5
Fuel tank capacity (mL)	1970	1700	1700	1720	1720
Fuel consumption at maximum engine power (L/h)	1.6	1.8	2.11	2.11	2.11
Chemical tank capacity (L)	20 / 12	23.0	26.0	30	45.0
Average air volume (m³/h)	666	684	720	720	720
Misting maximum discharge (L / min)	5.2	4.6	4.0	4.0	4.0
Dusting maximum discharge (kg / min)	-	5	7	7	7
Granule maximum discharge (kg / min)	-	18	18	18	18

*2: Unit without blower pipes and related parts. *3: Unit with blower pipes and related parts.

DUSTER MIST BLOWER ACCESSORIES



DUSTING ATTACHMENT MBAD-5810

Fits MB-5810
Item# 36073200



GRANULE NOZZLE DMK-2

Fits DMC-800-26
Part# P021-003473



DUSTING ATTACHMENT DMAD-6120

Fits DM-6120
Item# 36060880



GAS POWERED SPRAYER ACCESSORIES

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



2-HEAD T NOZZLE

Part# 706170-37961



ADJUSTABLE NOZZLE

Part# 224103-10610



4-HEAD RING NOZZLE

Part# 224101-10610



2-HEAD FAN-SHAPED NOZZLE

Part# 706170-38721



ADJUSTABLE JET NOZZLE

Part# E025-000560



PISTOL GRIP

Part# P050-000032



7-HEAD LINE TYPE NOZZLE

Part# 224104-10611








20 M HOSE

Part# E260-000140



ENGINE CUTTERS

 Model certified for CE
  ES-Start
  Heavy duty air filter
  Automatic fast idle
  ANTI VIBE Super anti-vibration system



ENGINE CUTTER

CSG-7410ES
CSG-7410ES/12  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.



CART WATER KIT

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

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



ENGINE DRILLS



ENGINE DRILLS

EDR-260
 Engine displacement: 25.4cm³ // Output: 0.85kW / 1.16ps //
 Dry weight^{**}: 5.2kg //
 Gear Reduction 17.1 (Forward)19.0 (Reverse)
 Chuck Diameter 1/2 inch Standard

** Without auger



FRUIT SHAKER



FRUIT SHAKER

NEW

OH-5210
 Engine displacement: 50.2cm³ // Output: 2.2kW / 2.9ps //
 Dry weight^{*3}: 14.3kg



*3 Unit with harvest attachment.



SPREADERS



SPREADERS RB-60

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



SPREADERS RB-100W

Dry weight: 19.5kg // Hopper Length 81.3cm // Hopper Capacity 45Kg // Tires 13inch



SPECIFICATIONS

ENGINE CUTTERS

	ENGINE CUTTES	
	CSG-7410ES	CSG-7410ES/12
Configuration	EU, RUS	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

	ENGINE CUTTER CART
	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

*²: Without Engine cutter and empty Water tanks.

ENGINE DRILLS

	ENGINE DRILLS
	EDR-260
Configuration	BASIC
Engine displacement (cm ³)	25.4
Output (kW / ps)	0.85 / 1.16
Dry weight ³ (kg)	5.2
Fuel tank capacity (mL)	580
Fuel consumption at maximum engine power (L/h)	0.62
Gear reduction ratio	17.1 (18.6 reverse)
Throttle setting device	○
Chuck type	Keyless chuck
Reversible function	○

*³: Without auger

FRUIT SHAKER

	ENGINE CUTTER CART
	OH-5210
Configuration	EU
Weighs(kg)* ⁴	29.5
Water tanks(mL)	10000
Length(mm)	1162
Width(mm)	442
Height(mm)	1069
Maximum cutting depth(mm)	120

*⁴Unit with harvest attachment.

SPREADERS

	SPREADERS	
	RB-60	RB-100W
Configuration	EU	EU
Dry Weight (kg)	10.4	19.5
Hopper Height (cm)	26.7	-
Hopper Length (cm)	81.3	81.3
Hopper Capacity (kg)	27.2	45
Tires(in)	10	13
Frame	Powder-coated steel	Stainless steel

ENGINE DRILL ACCESSORIES



PLANT & BULB AUGER

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



HEAVY DUTY AUGER

7.5 x 46cm L60 :99944900061
Item #C9500534



GALLON POT AUGER

18 cm gallon pot auger :
99944900070
Item #C9500181



KEYLESS CHUCK

Parts #X460000000

ECHO YOU CAN MAINTENANCE KIT



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

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



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



Y51001 Y51002 Y51003 Y51004 Y51005

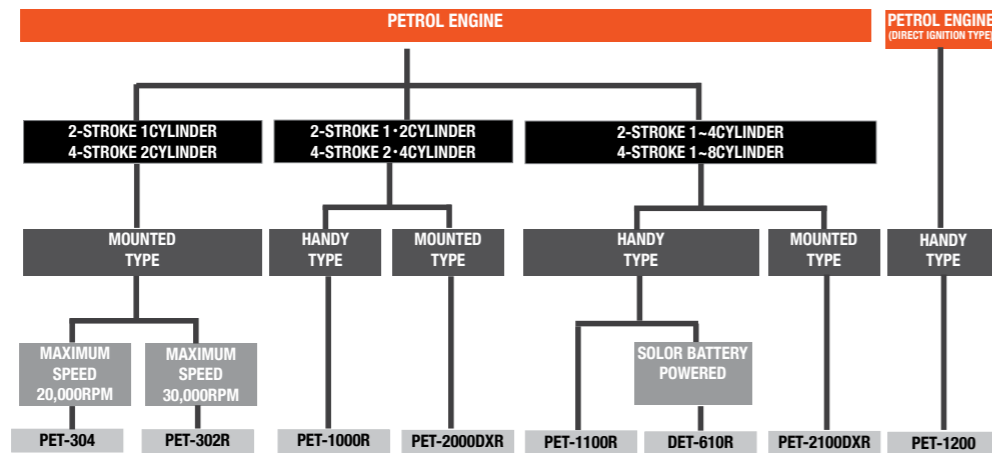


Y51006 Y51007 Y51008 Y51009 Y51010 Y51011 **NEW**

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

TACHOMETERS / HOUR METERS

CE Model certified for CE RoHS Model certified for RoHS



TACHOMETERS



PET-1000R
Parts No. 897802-33330
CE RoHS



PET-1100R
Parts No. 897802-33531
CE RoHS



DET-610R
Solar-Powered Tachometer
Parts No. 897802-32031
CE RoHS

TACHOMETER / HOUR METER



PET-302R
Parts No. 897802-33030
CE RoHS



PET-304
Parts No. G310000050
CE RoHS



PET-2000DXR
Parts No. 897802-33435
CE RoHS



PET-2100DXR
Parts No. 897802-33730
CE RoHS

HOUR METERS



PET-3000R
Parts No. PET3000R
CE RoHS



PET-3200R
Parts No. PET3200R
CE RoHS



PET-4000
Ignition Checker
Parts No. 897800-79931



PET4100B **NEW**
Ignition Indicator
Parts No. PET4100B

PET4100F **NEW**
Ignition Indicator
Parts No. PET4100F

OILS

2-STROKE ENGINE OIL ECHO POWER BLEND GOLD

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



BAR AND CHAIN OIL

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



GREASE

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



EPNOC AP2
Part# X695-000060

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



PYRONOC
Part# X695-000080 (RUS, TUR)
Part# X695-000070 (Other Europe)

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

The connected line GPS RTK

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

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.
- **Enhance its ball collecting capacity,** with the pattern mode, the ballpicker is now able to collect and navigate to the drop pit in a much faster mode.



Mowing capacity:
up to 75,000 m²

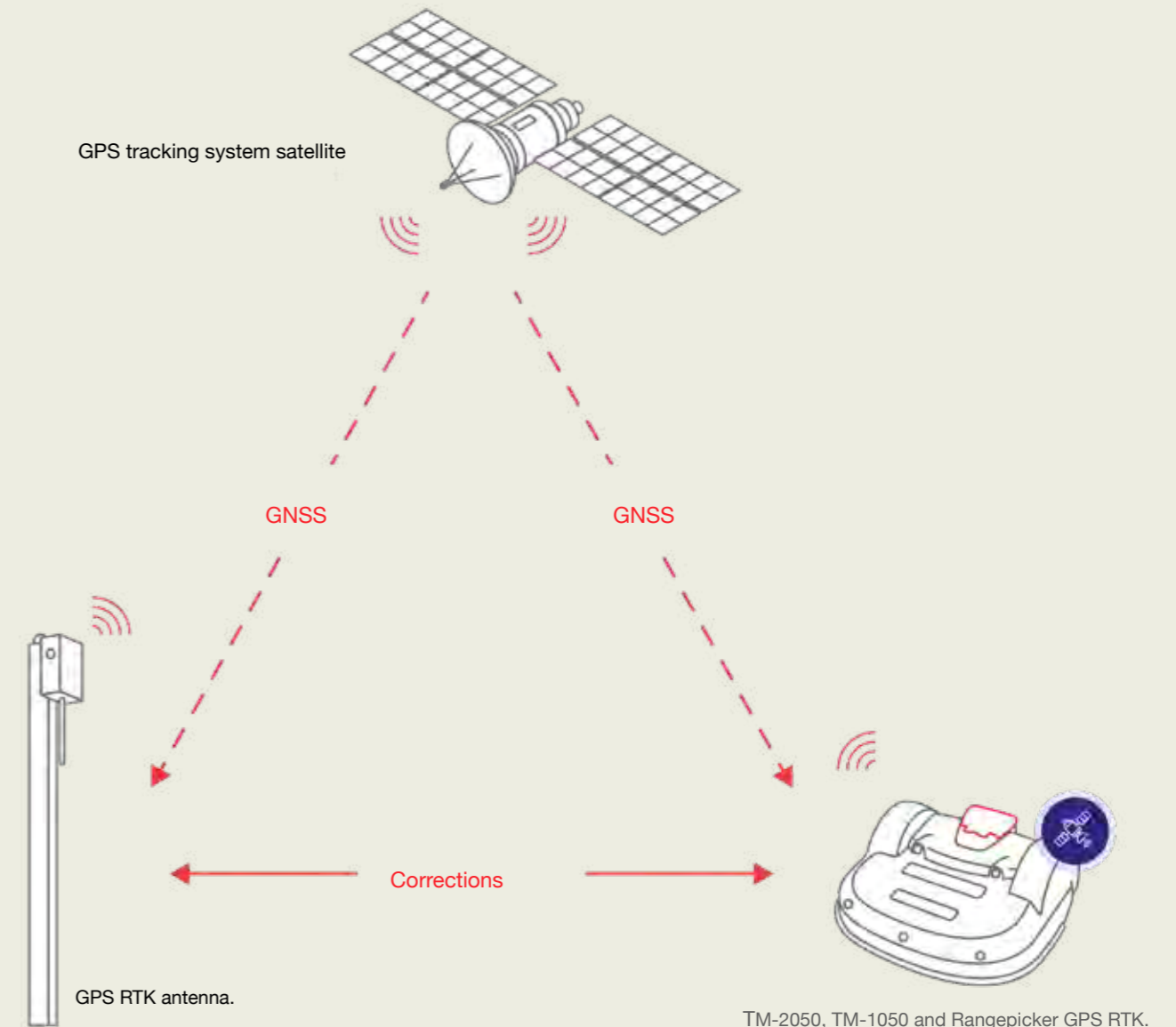


Mowing capacity:
up to 45,000 m²

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 pattern with a minimal overlap.



Online services

Web interface & App

An unrivalled experience for dealers & users

To serve you even better. Thanks to them, 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.
Free



Basic Offering
The ideal formula for users who want to make the most of remote control of their Connected Line.
€49 / year (TM-2000, Rangepicker & TM-1000)



Premium offering
The most complete package on the market for demanding professional users: fleet management and remote support.
€98 / year (TM-1000)
€148 / year (TM-2000, Rangepicker)

SPECIFICATIONS

	MODEL	TM-2000 CONNECTED	TM-1000 CONNECTED	RANGEPICKER CONNECTED	TM-2050 CONNECTED RTK	TM-1050 CONNECTED RTK	COMMENTS
CAPACITY	Maximum working area (m ²)	Mowing: 24,000	Mowing: 12,000	30,000	Mowing: 75,000	Mowing: 45,000	Depends on the fertilization and watering of the lawn. The presence of obstacles and slopes reduces capacity.
	Recommended working area (m ²)	Mowing: 20,000	Mowing: 10,000	24,000	Mowing: 55,000	Mowing: 35,000	-
	# sports pitches / robot	1-2	1	-	1-3	1-2	Depends on scheduled use of the pitch, as well as fertilization and watering of the lawn.
	Mowing / picking Width (mm)	1,033	633	956	1,033	633	-
	Speed (km/h)	3.6	2.8	3.6	3.6	2.8	-
	Standard maximum slope	30%	35%	30%	30%	35%	-
CUTTING / PICKING	Maximum slope with option (Kit)	45%	-	-	45%	-	Robotic mower equipped with stronger motors
	Basket capacity	-	-	320 - 350 balls	-	-	-
	# Mowing Heads	5	3	-	5	3	-
	#Blades	15	9	-	15	9	-
	Lowest cut (mm) minimum	22	22	-	22	22	-
	Highest cut (mm) maximum	100	100	-	100	100	-
	Cutting height setting	Electronic	Electronic	-	Electronic	Electronic	-
	Max Noise (dB)	52 at 1m	52 at 1m	61 at 1m, 52 at 5m	52 at 1m	52 at 1m	-
	Battery Type	LiFePo4	LiFePo4	LiFePo4	LiFePo4	LiFePo4	-
	Standard Battery capacity (Ah)	19.2	19.2	19.2	19.2	19.2	-
BATTERY	Battery tension (V)	26.4	26.4	25.6	26.4	26.4	-
	Average charging time (min)	80	80	80	80	80	1-year-old battery at 15°C
	Average mowing duration per charging cycle	110	280	240	110	280	1-year-old battery at 15°C
	Average yearly consumption (kWh)	830	580	620	830	580	Ballpicker: based on use during 11 months of the year
	Weight (kg)	71.9	52.9	85	71.9	52.9	-
WEIGHT AND DIMENSIONS	Dimensions (L)length × (W)idth × (h) eight cm	111x127x51	100x104x46	118x134x54	111x127x51	100x104x46	-
	Pin Code security	Yes	Yes	Yes	Yes	Yes	Keyboard locked by Pin code
SOFTWARE AND MONITORING	GPS Localization	Standard	Standard	Standard	Standard	Standard	Localization of the robot by GPS in case of theft.
	Server and App for robot management	Standard	Standard	Standard	Standard	Standard	Remote control of the robot via an App and a web interface.
	Sonar for obstacle detection	5 Sonar units Detection at diameter 7cmx40cm height	5 Sonar units Detection at diameter 7 cm x 30 cm height	4	5 Sonar units Detection at diameter 7 cm x 40 cm height	5 Sonar units Detection at diameter 7 cm x 30 cm height	The robot detects obstacles by means of its sonar units, slows down, touches the obstacle gently, manoeuvres and leaves in another direction.
INTELLIGENCE	Economy adapted mowing	Standard	Standard	-	Standard	Standard	The robot detects when the grass is not growing by the resistance on the mowing heads. It then skips one or more mowing cycles.
	Back to station via GPS	Yes	Yes	Yes	Yes	Yes	In open spaces only.
	Multiple Starting Zone	Yes	Yes	Yes	Yes	Yes	Possibility to program the start of mowing at different parts of the ground.
	Multi-terrain	Option	Option	Yes, more than 2	Option	Option	Possibility to program the robot to work on several adjacent terrains.
	Multirobot	Yes	Yes	Yes	Yes	Yes	Bigmow, Parcmow: possibility of working with several robots on a single ground Ballpicker: maximum 2 robots using the drop pit station.
SECURITY	Lift sensors	Yes	Yes	No	Yes	Yes	The robot stops immediately when lifted
	Reverse sensors	-	-	Yes	-	-	Ballpicker: causes the robot to change direction.
	Tilt sensors	-	-	Yes	-	-	Ballpicker: causes the robot to stop when lifted more than 41°
	Rear silent blocks	Yes	Yes	-	Yes	Yes	When the cover is being pushed by an obstacle, the robot will manoeuvre and leave in another direction.
	Safety bumper	Electronic	Electronic	Electronic	Electronic	Electronic	Manoeuvres at 200 N for the electric bumper.
	Deflectors on cutting head	External heads	-	-	External heads	-	-



SAFETY GEAR OVERVIEW

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

SUPER LIGHTWEIGHT
100% Cordura® fibres for maximum strength and maneuverability

WEATHER SEALING
Robust weather resistance with integrated ventilation

PEZAFLEX AQUA ON KNEES
Increased durability and flex while working.

MAXIMUM PROTECTION
6 layers of lightweight Dyneema® blocking material.

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

PERFORMANCE AND PRO-TECH SERIES

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

SAFETY GEAR GUIDE

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

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

● required
◇ recommended

PERFORMANCE SERIES

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



CHAIN SAW TROUSERS

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

CE Class 1 Type A

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



CHAIN SAW FLEX TROUSERS

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

CE Class 1 Type A

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



CHAIN SAW CHAPS

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

CE Size Chart

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

PRO-TECH SERIES

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



CHAIN SAW TROUSERS

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

CE Class 1 Type A

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



BRUSHCUTTER TROUSERS

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

CE

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

TOPS

CE Model certified for CE



SOFTSHELL JACKET

Item# ask your sales representative

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



SHORT SLEEVE T-SHIRT

Item# ask your sales representative

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



LONG SLEEVE T-SHIRT

Item# ask your sales representative

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

OTHER SAFETY GEAR



BRUSHCUTTER SYSTEM

99988801510: Item# C9500524

CE



MULTI- PURPOSE HELMET

Part# PT000200

CE



HEARING PROTECTION

99988801520: Item# C9500526

CE



CHAIN SAW GLOVES

Item# ask your sales representative

Size 8-12

CE



HEAVY DUTY GLOVES

Item# ask your sales representative

Size 8-12



PROTECTIVE SLEEVES

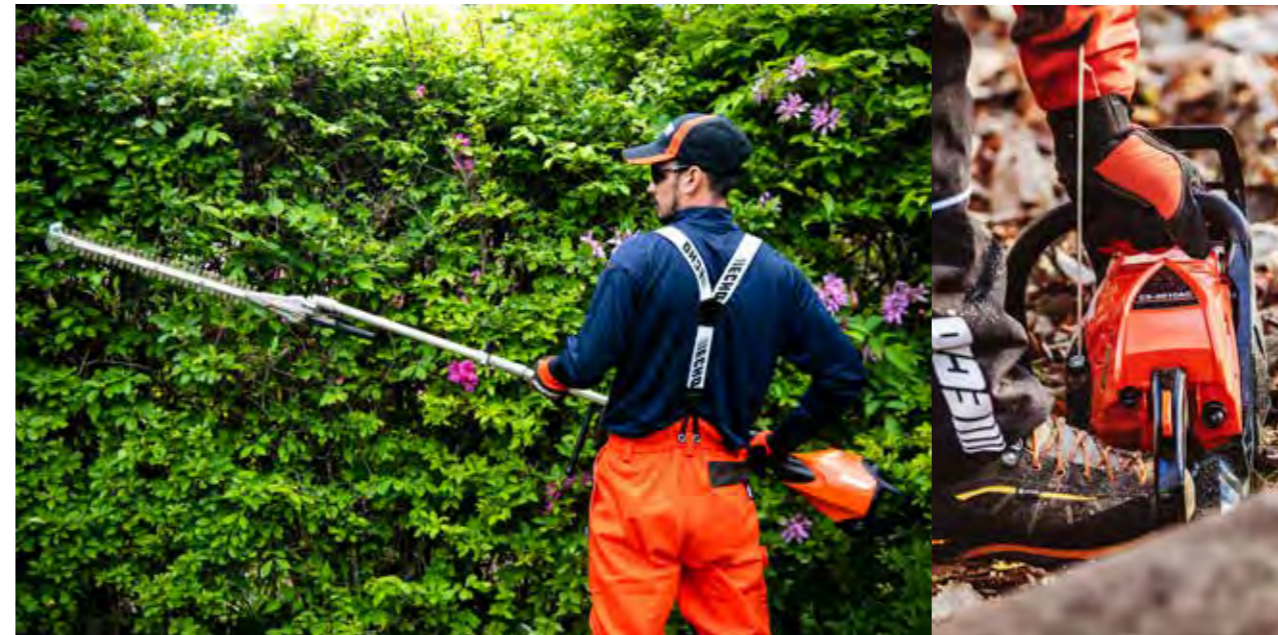
Item# ask your sales representative

CE



BRACE

Item# ask your sales representative



PRODUCT ICONS

CE MODEL CERTIFIED FOR CE

Model certified for CE and RoHS Compliant.



Tip guard prevents blade contact with fences or buildings.



Posi-loc for a secure connection.



EZ lock for secure pipe-to-housing connection.



Ventilated back pad for operator cooling.



Spring-assisted starting system for easier starting.



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



Capacitor Discharge Ignition system for easy starting and smooth acceleration.



Heavy duty air filter for reduced maintenance and less downtime.



Super anti-vibration system for reduced vibration.



Low-tone for comfortable operation.



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



Spike as standard.



Spike as optional.