

ECHO®



PRODUCT CATALOGUE

DEPEND ON IT







WELCOME

For over 70 years, we have been designing and building high-performance, commercial-quality products. From our humble beginnings in Japan with a simple handheld crop duster, we have grown to become a technological leader and a well-respected global brand.

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

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



Yoshiaki Nagao
CEO

Yamabiko Corporation
Ohme, Tokyo, Japan



THE ESSENCE OF ECHO

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

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

SKILLED CRAFTSMEN

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

WORLD CLASS TECHNOLOGY

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

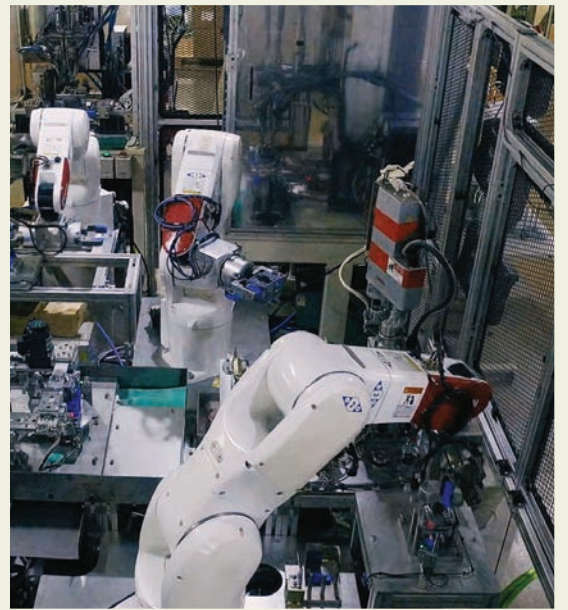
INTEGRATED PRODUCTION

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

RELENTLESS COMMITMENT TO QUALITY

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





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TRUST ECHO



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.



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.



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.

*Registration of ECHO products and servicing are necessary to validate the warranty
58V Battery products have a 2-year consumer warranty or 1-year professional warranty

ECHO X SERIES

All ECHO 2-stroke products are 100% professional grade, with Japan Technology resulting in well-built, durable tools. The ECHO X Series represents a line of products with performance unlike anything else.

REDEFINING STANDARDS



CS-501SX



BEST-IN-CLASS

Each model has specific, best-in-class features that are designed to help professionals perform their jobs better. Features like low weight, low noise, low vibration, increased power and longer run time all contribute to getting one job done and moving on to the next. Outstanding work demands outstanding products, and the X Series models always rise to the challenge.

LOW WEIGHT AND HIGH POWER

ECHO X Series engines offer a winning combination of low weight and high power. This reduces fatigue while increasing productivity.

TOUGHEST CONDITIONS

ECHO X Series equipment is tested under severe conditions, to ensure easy starting and better acceleration in both cold and hot conditions. Large fuel tanks allow for extended run times, while heavy-duty air filtration systems minimise the risk of engine troubles and prolong maintenance cycles.

PB-770



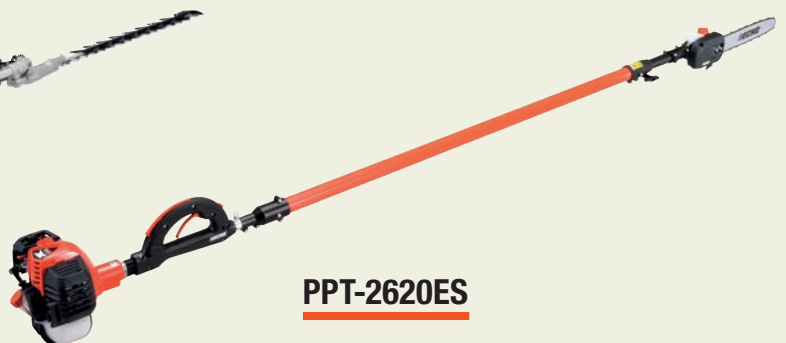
SRM-3610T



HCA-2620ES-HD



PPT-2620ES





WHY CHOOSE BATTERY?

ECHO only builds equipment to one standard – professional. It's in our DNA. We've put over 70 years of passion and expertise into our range of powerful battery products that share the same professional standards as their petrol stablemates, meaning the 50V and 58V Battery Series are ECHO through and through. Professional grade maintenance-free brushless motors across both ranges ensure long-lasting performance.

THE ECHO BRUSHLESS MOTOR

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

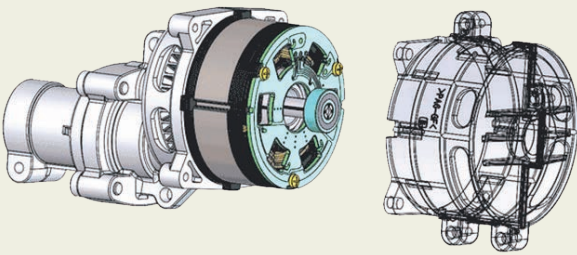


Illustration shows motor from 50V Series

WORK MORE EFFICIENTLY

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

DEPEND ON IT

With no brush or commutator, both mechanical and electrical noise are reduced, allowing for quieter operation – ideal for use in noise-sensitive areas. Running speed is precisely controlled throughout the drive circuit, giving highly efficient performance. The motor control circuit has a current value detection system which protects against electrical overload, making the ECHO brushless motor a safer, more efficient way of working.

WHY CHOOSE AN ECHO BATTERY PRODUCT?

⚡ LOW NOISE

Enjoy some quiet time. Power without the noise

⚡ LOW VIBRATION

Less stress on your body means reduced fatigue

⚡ LOW RUNNING COSTS

No more petrol bills

⚡ ZERO EMISSIONS

Better for the environment you work in

⚡ EASY TO USE

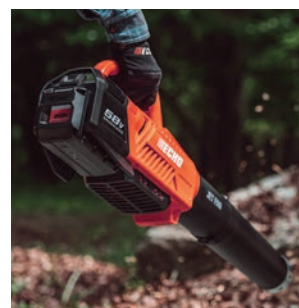
No more fuel filling or cold starting, just charge up and go

R OF ECHO

58V
LITHIUM-ION

50V OR 58V BATTERY?

Whether you are a professional, semi-professional or homeowner, the ECHO battery series provides high-density energy, compared to traditional heavier less powerful battery technology. ECHO battery products offer low noise, low vibration, low running costs, zero emissions, minimal maintenance and are easy to use.



LITHIUM-ION
50V

- 50V professional battery series includes chainsaw, hedgetrimmer, trimmer, power blower and multi-tool system. Your professional landscaping equipment covered
- Interchangeable battery system. Three battery options available – 2Ah, 4Ah, 16Ah (backpack)
- Rapid Charger ensures maximum productivity with minimal downtime
- Superior balance provides comfort for extended working periods
- Heavy-duty build quality offers durability and reliability for professional users
- 2-year professional or 5-year domestic warranty available on tools (see below for battery warranty)

PROFESSIONAL

58V
LITHIUM-ION

- 58V battery series includes lawnmower, hedgetrimmer, trimmer, power blower and chainsaw
- Interchangeable battery system. Two battery options available – 2Ah or 4Ah
- Quick charger ensures 100% charge in 30 mins for 2Ah and 60 mins for 4Ah
- Ergonomically designed for manoeuvrability and comfort
- Robust equipment – built to last
- 1-year professional or 2-year domestic warranty available on tools (see below for battery warranty)

SEMI-PROFESSIONAL/HOMEOWNER



BATTERY WARRANTY

ECHO products are built to the highest standards of quality and performance, meaning you can have complete confidence in our tools. That's why we have a 2-year warranty on our 50V and 58V batteries.



50V BATTERY SERIES PROFESSIONAL



NEW

PROFESSIONAL

CHAINSAW DCS-1600

LITHIUM ION
50V

Rated voltage: 50.4V // Dry weight*¹: 3.1kg // Bar size: 35cm/14in
Run time*²: up to 32 mins // Vibration*³: 3.6m/s² / 3.9m/s²



*1: Unit without battery, guide bar and saw chain
*2: With standard 4Ah battery
*3: Equivalent vibration level support / trigger handle



PROFESSIONAL

TRIMMER DSRM-300

LITHIUM ION
50V

Rated voltage: 50.4V // Dry weight*¹: 3.6kg //
Run time*²: up to 22 mins // Vibration*³: 1.6m/s² / 1.4m/s²



*1: Unit without battery, cutting attachment and shield
*2: With standard 2Ah battery
*3: Equivalent vibration level support / trigger handle



PROFESSIONAL

HEDGE TRIMMER DHC-200

LITHIUM ION
50V

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



*1: Unit without battery.
*2: With standard 2Ah battery
*3: Equivalent vibration level support / trigger handle



PROFESSIONAL

BLOWER DPB-600

LITHIUM ION
50V

Rated voltage: 50.4V // Dry weight*¹: 3.2kg // Air volume: 648m³/h
Max air speed: 72.5m/sec // Run time*²: up to 15 mins //
Vibration*³: 0.7m/s²



*1: Unit without battery.
*2: With standard 4Ah battery
*3: Equivalent vibration level trigger handle

PROFESSIONAL

NEW



DPAS-TRIMMER*

DPAS-HCA*

DPAS-PP*

*Each attachment is available as an optional extra

MULTI-TOOL DPAS-300

LITHIUM ION
50V

Rated Voltage: 50.4V // Dry weight*⁹: 3.1kg



	DPAS-TRIMMER	DPAS-HCA	DPAS-PP
Dry Weight* ¹ (kg)	w/o Power Unit: 1.4 w/ Power Unit: 4.5	w/o Power Unit: 2.4 w/ Power Unit: 5.5	w/o Power Unit: 1.5* ² w/ Power Unit: 4.3* ³
Run Time* ⁴ (min)	Up to 19	Up to 32	Up to 21

*¹ Unit without battery *² Without guide bar and saw chain
*³ Without front handle, guide bar and saw chain *⁴ With standard 2Ah battery



Model certified for RoHS



Loop handle



Cutter clearance is adjustable-free



Tip guard



EZ-Lock system



Posi-loc pipe system

50V BATTERY & CHARGER



2Ah BATTERY LBP-560-100

LITHIUM ION
50V

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



4Ah BATTERY LBP-560-200

LITHIUM ION
50V

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



16Ah BACKPACK BATTERY LBP-560-900

LITHIUM ION
50V

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



CHARGER LCJQ-560

LITHIUM ION
50V

Fits all ECHO 50V batteries.



Battery charging time (min)
2Ah battery: 24 (80%), 42 (100%)
4Ah battery: 48 (80%), 88 (100%)
16Ah battery: 225 (80%), 336 (100%)



**ONE BATTERY
MULTIPLE TOOLS**

58V BATTERY SERIES



NEW

CHAINSAW CS-58V4AH

58V
LITHIUM-ION

Rated voltage: 51.1V (max 58V) // Dry weight^{*1}: 4.83kg //
Bar size: 40cm / 16in // Gauge: 0.043" //
Run time^{*2}: 112 cuts on 15cm (6") diameter log



*1: Unit without battery, guide bar and saw chain
*2: With standard 4Ah battery



NEW

TRIMMER DST-58V2AH

58V
LITHIUM-ION

Rated voltage: 51.1V (max 58V) // Dry weight^{*1}: 3.7kg
Cutting swath: 305mm // Run time^{*2}: up to 30 mins



*1: Unit without battery, cutting attachment and shield
*2: With standard 2Ah battery



NEW

HEDGE TRIMMER HT-58V2AH

58V
LITHIUM-ION

Rated voltage: 51.1V (max 58V) // Dry weight^{*1}: 4.3kg //
Cutting length: 610mm // Run time^{*2}: up to 90 mins



*1: Unit without battery
*2: With standard 2Ah battery



NEW

BLOWER PLB-58V2AH

58V
LITHIUM-ION

Rated voltage: 51.1V (max 58V) // Dry weight^{*1}: 3.2kg //
Air volume^{*2}: 730m³/h // Max air speed^{*2}: 51.4m/sec
Run time^{*3}: up to 15 mins



*1: Unit without battery *2: Standard (non turbo) mode
*3: With standard 2Ah battery



DUAL BATTERY
COMPARTMENT



NEW

LAWN MOWER LM-58V4AH

58V
LITHIUM-ION

Rated voltage: 51.1V (max 58V) // Dry weight^{*1}: 24.5kg //
Cutting width: 53cm (21") // Run time^{*2}: up to 40 mins



*1: Unit without battery. *2: With single standard 4Ah battery



QUICK RELEASE
HANDLE
enables compact,
vertical or horizontal
storage



Model certified for RoHS



Loop handle



Tip guard



Side access chain tensioner

58V BATTERY & CHARGER



2Ah BATTERY ECBP-58V2AH



Rated Voltage: 51.1V // Battery Type: 2Ah Li-ion //
Battery Capacity: 92Wh // Recharge time: 30mins



4Ah BATTERY ECBP-58V4AH



Rated Voltage: 51.1V // Battery Type: 4Ah Li-ion //
Battery Capacity: 185Wh // Recharge time: 60mins



CHARGER ECBC-58V



Fits all ECHO 58V batteries.

Battery charging time (min)
2Ah battery: 30 (100%)
4Ah battery: 60 (100%)



ECHO products are built to the highest standards of quality and performance, meaning you can have complete confidence in our tools. That's why we have a 2 year warranty on our batteries as well as 1 year or 2 year warranties on our 58V Battery Series products*.



*Registration of ECHO products and servicing are necessary to validate the warranty





TOUGH JOBS MADE EASIER.

When you've got a job to do you need to be sure that your tools are up to it – no matter how challenging.

You need a chainsaw you can trust and rely on. A precision built machine that won't let you down, giving you the confidence to take on the toughest tasks.

That's why you can trust ECHO, high-quality, hardworking chainsaws with renowned Japanese build standards.

You're a professional. It's just you and the task at hand. So it's good to know you've got a professional tool you can depend on, whatever the job.



CHAINSAWS TOP HANDLE* OVERVIEW

ECHO is the world leader in the development of top handle saws*. Balance, performance and reliability are critical for the highly trained professionals who are qualified for arboricultural off-ground work.

ECHO saws have near-perfect weight distribution which provides excellent balance, and are light enough to be used throughout the day without causing excessive user fatigue. All models feature stage-2 low emission engines and Easy Start – the tree surgeon’s choice for effortless starting.



*** For trained tree surgeon operators only**

DROPOUT PREVENTION NUT



ROTATING PLASTIC CHAIN CATCHER

ERGONOMIC TOP HANDLE

Comfort fit, reduces fatigue.

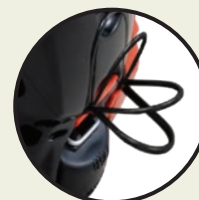
CHAIN OIL ADJUSTMENT ON TOP

Enables user to control oil flow to optimum operation.



SWING-OUT LANYARD RING

Enhances balance and easy climbing.

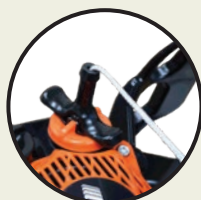


STARTER GRIP ASSIST CAP

For easier manual opening.

WIDER TANK OPENINGS

Easy oil/fuel refilling.



G-FORCE ENGINE AIR PRE-CLEANER

Reduces engine exposure to dirt and debris for less maintenance and longer life.

MESHED LOUVERS

Prevents pine needle penetration.



CS-2511TES C



CS-2511TES



Engine displacement: 25.0cc // Output: 1.10kW //
 Dry weight*1: 2.3kg // Bar size: 25cm / 10in //
 Vibration*2: 3.5m/s² / 4.0m/s²



CARVING BAR

CS-2511TES C



Engine displacement: 25.0cc // Output: 1.10kW //
 Dry weight*1: 2.3kg // Bar size: 25cm / 10in //
 Vibration*2: 3.5m/s² / 4.0m/s²



GUIDE BAR & SAW CHAIN REFERENCE CHART
 & ACCESSORIES: PAGES 46-47



CS-280TES

Engine displacement: 26.9cc // Output: 1.04kW //
 Dry weight*1: 3.0kg // Bar size: 25cm / 10in //
 Vibration*2: 4.5m/s² / 4.7m/s²



CS-360TES

Engine displacement: 35.8cc // Output: 1.50kW //
 Dry weight*1: 3.6kg // Bar size: 30, 35cm / 12, 14in //
 Vibration*2: 3.8m/s² / 4.2m/s²



*1: Without guide bar and saw chain *2: Equivalent vibration level support / trigger handle

CHAINSAWS REAR HANDLE OVERVIEW

Whether you're cutting firewood, pruning a small tree or bringing down some serious timber, ECHO has a chainsaw for you. All our products are made to the same professional standard that won't let you down. Our saws have excellent cutting performance and durability and all feature vibration reduction systems, easy access air filters, automatic oilers and inertia chain brakes. Whatever job you have in mind, you can depend on ECHO.



CS-4510ES

45cc HIGH POWER ENGINE
Provides category-leading cutting performance for better work efficiency.

LIGHTWEIGHT GUIDE BAR

ERGONOMIC FRONT HANDLE

SIDE ACCESS CHAIN TENSIONER
For quick chain adjustments.

DROPOUT PREVENTION NUTS

TOOL-LESS AIR FILTER COVER

NEW DESIGN AIR FILTER

TOOL-LESS CAP OPENINGS
For easy refilling.

MOMENTARY SWITCH
For quick and safe engine start up.

TRANSLUCENT FUEL TANK
For easy level checks.



CHAINSAWS REAR HANDLE



CS-310ES

Engine displacement: 30.5cc // Output: 1.1kW // Dry weight*1: 4.0kg
Bar size: 30, 35cm / 12, 14in // Vibration*2: 5.6m/s² / 6.9m/s²



CS-281WES

Engine displacement: 26.9cc // Output: 1.09kW // Dry weight*1: 3.1kg
Bar size: 25, 30cm / 10, 12in // Vibration*2: 4.9m/s² / 4.7m/s²



CS-352ES

Engine displacement: 34.0cc // Output: 1.31kW // Dry weight*1: 4.0kg
Bar size: 30, 35cm / 12, 14in // Vibration*2: 3.8m/s² / 4.6m/s²



CS-361WES

Engine displacement: 35.8cc // Output: 1.49kW // Dry weight*1: 3.8kg
Bar size: 35, 40cm / 14, 16in // Vibration*2: 5.9m/s² / 6.3m/s²



CS-370ES

Engine displacement: 36.3cc // Output: 1.41kW // Dry weight*1: 4.6kg
Bar size: 33, 38cm / 13, 15in // Vibration*2: 4.0m/s² / 5.8m/s²



CS-390ESX

Engine displacement: 38.4cc // Output: 1.90kW // Dry weight*1: 4.5kg
Bar size: 33, 38cm / 13, 15in // Vibration*2: 4.7m/s² / 5.0m/s²





ES-Start



Digital controlled CDI



G-FORCE Engine Air Pre-Cleaner™



Spike



Optional spike



Automatic fast idle



Side access chain tensioner



CS-420ES

Engine displacement: 40.2cc // Output: 1.6kW // Dry weight¹: 4.6kg
Bar size: 38, 43cm / 15, 17in // Vibration²: 5.4m/s² / 6.2m/s²



CS-4510ES

Engine displacement: 45.0cc // Output: 2.3kW // Dry weight¹: 5.0kg
Bar size: 38, 45, 50cm / 15, 18, 20in // Vibration²: 2.6m/s² / 2.8m/s²



GUIDE BAR & SAW CHAIN REFERENCE CHART
& ACCESSORIES: PAGES 46-47

CHAINSaws REAR HANDLE



GUIDE BAR & SAW CHAIN REFERENCE CHART
& ACCESSORIES: **PAGES 46-47**



CS-501SX

Engine displacement: 50.2cc // Output: 2.57kW // Dry weight^{*1}: 4.7kg
Bar size: 40, 45, 50cm / 16, 18, 20in // Vibration^{*2}: 5.2m/s² / 5.4m/s²



CS-550

Engine displacement: 54.1cc // Output: 2.49kW // Dry weight^{*1}: 6.0kg
Bar size: 40, 45, 50cm / 16, 18, 20in // Vibration^{*2}: 4.3m/s² / 4.8m/s²



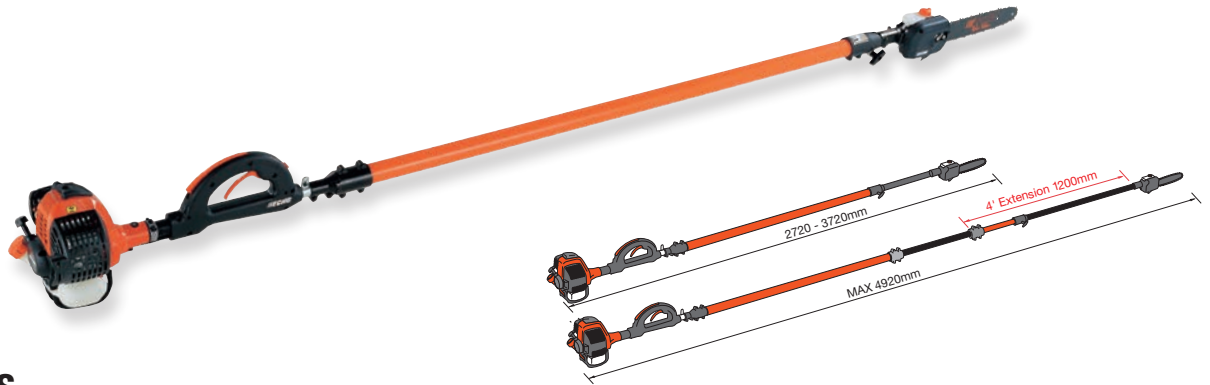
CS-620SX

Engine displacement: 59.8cc // Output: 3.32kW // Dry weight^{*1}: 6.2kg
Bar size: 45, 50, 60cm / 18, 20, 24in // Vibration^{*2}: 3.5m/s² / 4.4m/s²



*1: Without guide bar and saw chain *2: Equivalent vibration level support / trigger handle

POWER PRUNERS® TELESCOPIC



PPT-265ES

Engine displacement: 25.4cc // Output: 0.89kW // Dry weight*1: 8.0kg
 Overall length: 2720-3720mm // Vibration*2: 5.6m/s² / 4.8m/s²



*1: Without cutting attachment *2: Equivalent vibration level support / trigger handle

Available
 SPRING 2019



PPT-2620ES

Engine displacement: 25.4cc // Output: 1.00kW // Dry weight*1: 7.9kg
 Overall length: 2716-3704mm // Vibration: N/A



*1: Without cutting attachment

HEDGE TRIMMER ATTACHMENT



ATTACHMENTS

	Item No.	PPT-265ES
Hedge trimmer attachment	HCAA-2402A	◇
1.22m (4') extension	999464-00023	◇*

◇: Option

*Extension is only usable with chainsaw attachment.

Model	Gauge (in)	Pitch (in)	Guide bar					Saw chain			
			Length (cm)	Type	Part number	Bar type	Nose type	Drive links	Oregon type	Part number	
PPT-265ES	0.050	3/8	30	12A0CD3744	X122-000150	Laminate	Sprocket	47	91VXL	91VXLL44CQ	
PPT-2620ES	0.050	3/8	30	12A0CD3744	X122-000150	Laminate	Sprocket	47	91VXL	91VXLL44CQ	





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.

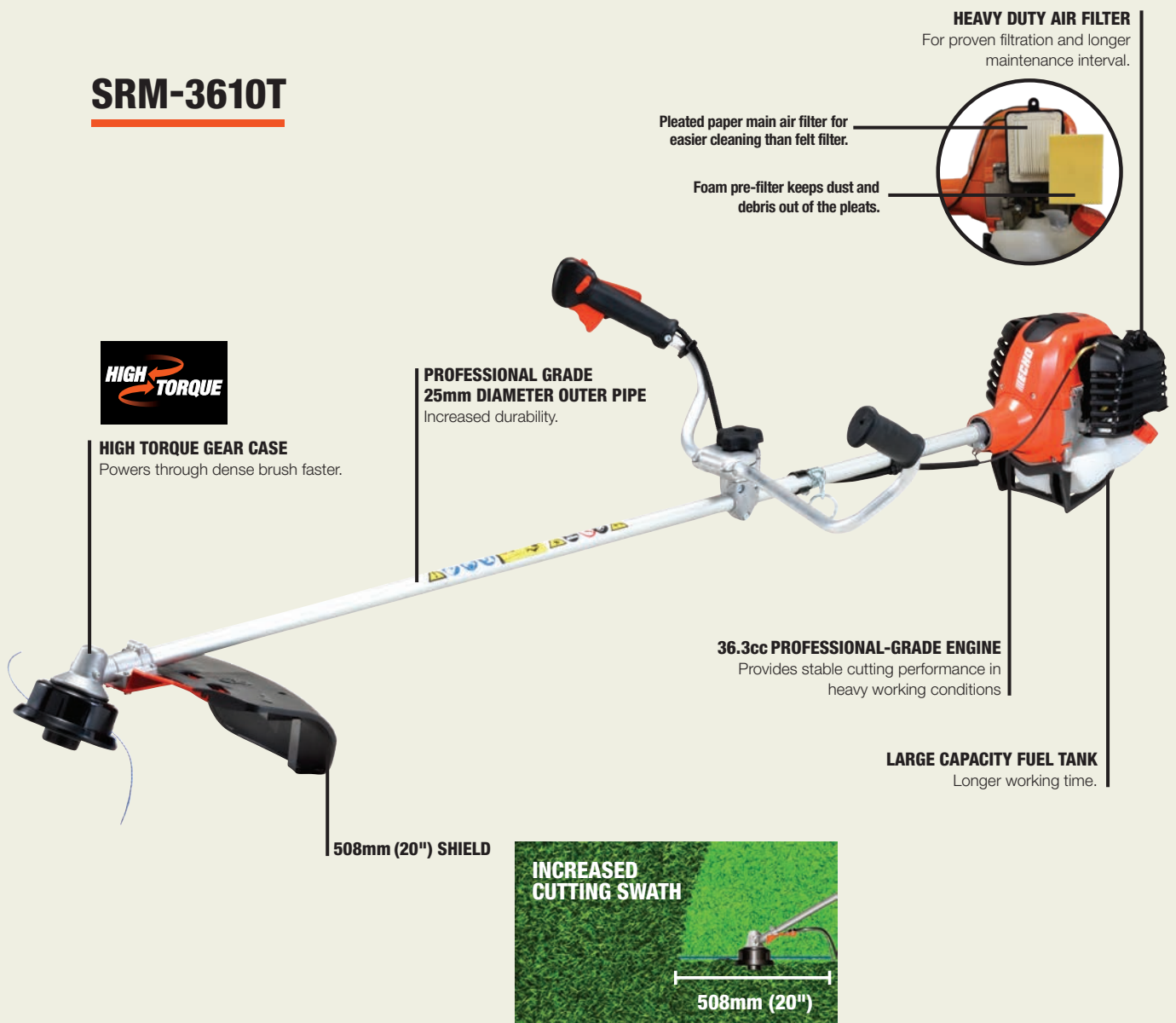


TRIMMERS & BRUSHCUTTERS OVERVIEW

Tame any wilderness with ECHO trimmers and brushcutters. With high torque gear cases and easy starting, durable engines, they make light work of brush and scrubland. They're ergonomically designed for greater comfort and reduced fatigue, so you can work longer and increase productivity.



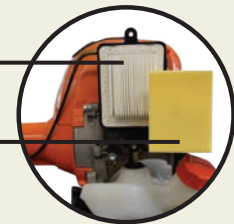
SRM-3610T



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

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

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



HIGH TORQUE

HIGH TORQUE GEAR CASE
Powers through dense brush faster.

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

36.3cc PROFESSIONAL-GRADE ENGINE
Provides stable cutting performance in heavy working conditions

LARGE CAPACITY FUEL TANK
Longer working time.

508mm (20") SHIELD

INCREASED CUTTING SWATH

508mm (20")





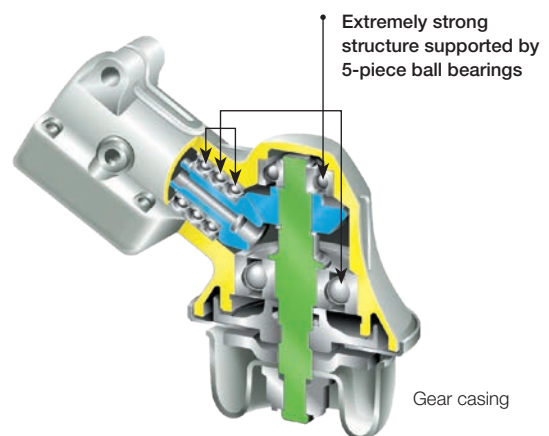
HIGH  **TORQUE**

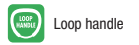
HIGH TORQUE BRUSHCUTTERS



ECHO's range of High Torque brushcutters generate outstanding levels of torque – up to 50% more than previous models.

More torque means more cutting performance and by installing thicker line, the operator can tackle a wider range of tasks with just one brushcutter. All the high torque models feature comparatively small engines, so the units are lightweight and feature low levels of vibration, but they have the cutting performance of higher capacity machines.





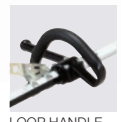
SRM-236TES

Engine displacement: 21.2cc // Output: 0.71kW //
Dry weight*1: 5.1kg (LOOP HANDLE), 5.6kg (U HANDLE) //
Vibration*2: 5.0m/s² / 2.8m/s² (LOOP HANDLE), 3.4m/s² / 4.3m/s² (U HANDLE)



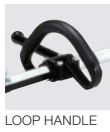
SRM-2620TES

Engine displacement: 25.4cc // Output: 1.04kW //
Dry weight*1: 5.8kg (LOOP HANDLE), 6.0kg (U HANDLE) //
Vibration*2: 4.5m/s² / 4.6m/s² (LOOP HANDLE), 3.6m/s² / 4.6m/s² (U HANDLE)



SRM-3020TES

Engine displacement: 30.5cc // Output: 1.3kW //
Dry weight*1: 6.0kg (LOOP HANDLE), 6.3kg (U HANDLE) //
Vibration*2: 2.9m/s² / 4.6m/s² (LOOP HANDLE), 4.2m/s² / 3.2m/s² (U HANDLE)



SRM-3610T

Engine displacement: 36.3cc // Output: 1.43kW //
Dry weight*1: 6.3kg (LOOP HANDLE), 6.6kg (U HANDLE) //
Vibration*2: 5.7m/s² / 3.2m/s² (LOOP HANDLE), 5.7m/s² / 4.1m/s² (U HANDLE)



SRM-420TES

Engine displacement: 41.5cc // Output: 1.78kW //
Dry weight*1: 8.7kg // Vibration: 4.5m/s² / 3.4m/s²



*1: Without cutting attachment and shield *2: Equivalent vibration level support / trigger handle

TRIMMERS & BRUSHCUTTERS



GT-222ES

Engine displacement: 21.2cc // Output: 0.71kW //
 Dry weight*1: 4.3kg // Vibration*2: 4.9m/s² / 5.4m/s²



SRM-222ES

Engine displacement: 21.2cc // Output: 0.71kW //
 Dry weight*1: 4.7kg // Vibration*2: 3.8m/s² / 5.7m/s²



CUTTING HEADS & BLADES
 REFERENCE CHART
 PAGES 48-49



SRM-520ES



Engine displacement: 50.2cc // Output: 2.16kW //
 Dry weight*1: 9.0kg // Vibration*2: 3.4m/s² / 3.2m/s²



RM-520ES



Engine displacement: 50.2cc // Output: 2.16kW //
 Dry weight*1: 12.0kg // Vibration*2: 5.3m/s² / 4.0m/s²

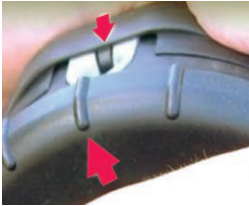


*1: Without cutting attachment and shield
 *2: Equivalent vibration level support / trigger handle

SPEED-FEED TRIMMER HEAD

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

1. Line-up arrows



2. Feed line



3. Twist top disc



STANDARD: **SRM-3020TES**

OPTIONAL: **SRM-222ES, SRM-236TES, SRM-2620TES, SRM-3610T**

ROTARY SCISSORS

Fits the following models:

SRM-2620TES
SRM-300TES
SRM-3020TES
SRM-335TES
SRM-3610T



PRS-230M ROTARY SCISSORS

The rotary scissor brushcutter attachment features two contra rotating blades for safer and more precise cutting. A 20:1 reduction ratio gearbox gives high-torque and superior cutting performance.

- No thrown objects, safer to use
- Allows cutting up to walls, kerbs, stones and trees with no kickback
- Can be used to trim in water**
- Blades stop instantly when throttle is released
- Comfortable flat cutting

**Gear case not to be fully submerged in water – correct maintenance to be followed



HEDGE TRIMMERS

OVERVIEW

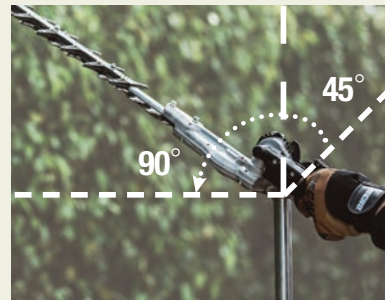
ECHO hedge trimmers are designed to be durable and well balanced. Features include lightweight gear cases, long-lasting blades and vibration-reducing engine mounts. Ergonomic design means that our hedge trimmers are easy to use and allow you to work for longer and be more productive.



TIP GUARD
Prevents blade from contact with fences or buildings.



WIDER PITCH BLUNT
For safe operation with smooth cutting.



EASILY ADJUSTABLE BLADE ANGLE
For simple operation.

FASTER CUTTER SPEED STROKE RATE
4696 (1/min)



LIGHTWEIGHT GEAR CASE WITH INCREASED DURABILITY
Professional-grade components inside gear case allows faster cutter speed for clear cut.



THROTTLE HANDLE WITH RUBBER GRIP
For increased comfort and better control.

25.4cc
PROFESSIONAL-GRADE
2 STROKE ENGINE

HCA-265ES-HD

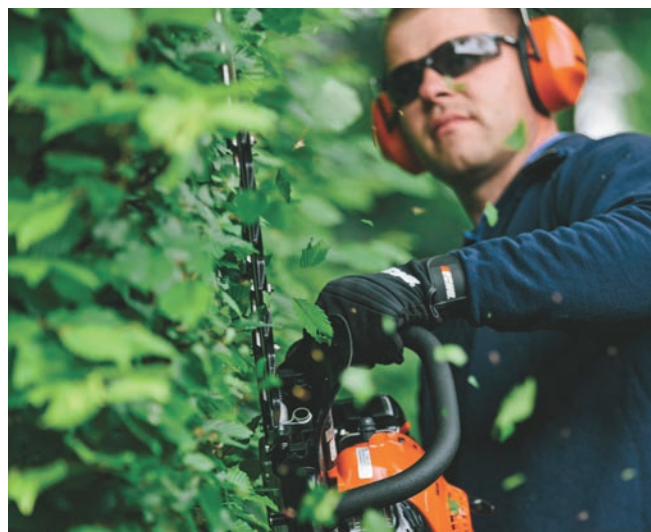


HEDGE TRIMMERS **DOUBLE-SIDED**



HC-1501

Engine displacement: 21.2cc // Output: 0.58kW //
 Dry weight: 4.9kg // Cutting length: 499mm //
 Vibration*1: 4.8m/s² / 8.6m/s²



HCR-1501

Engine displacement: 21.2cc // Output: 0.58kW //
 Dry weight: 5.1kg // Cutting length: 499mm //
 Vibration*1: 4.4m/s² / 9.5m/s²



HC-156

Engine displacement: 21.2cc // Output: 0.58kW //
 Dry weight: 5.1kg // Cutting length: 639mm //
 Vibration*1: 7.1m/s² / 6.9m/s²



HCR-165ES

Engine displacement: 21.2cc // Output: 0.58kW //
 Dry weight: 5.1kg // Cutting length: 639mm //
 Vibration*1: 3.6m/s² / 4.8m/s²



HCR-185ES

Engine displacement: 21.2cc // Output: 0.58kW //
 Dry weight: 5.3kg // Cutting length: 744mm //
 Vibration*1: 3.9m/s² / 4.8m/s²





HEDGE TRIMMERS **SINGLE-SIDED**



HCS-2810ES

Engine displacement: 21.2cc // Output: 0.6kW //
Dry weight: 4.7kg // Cutting length: 589mm //
Vibration*1: 8.7m/s² / 5.1m/s²



HCS-3810ES

Engine displacement: 21.2cc // Output: 0.6kW //
Dry weight: 4.9kg // Cutting length: 834mm //
Vibration*1: 6.0m/s² / 5.3m/s²



HEDGE TRIMMERS **ARTICULATING**



SHORT REACH **HCAS-236ES-LW (Lightweight)**

Engine displacement: 21.2cc // Output: 0.71kW //
Dry weight: 5.9kg // Overall length: 1749mm // Cutting length: 519mm
Vibration*1: 4.5m/s² / 7.3m/s²



LONG REACH **HCA-236ES-LW (Lightweight)**

Engine displacement: 21.2cc // Output: 0.71kW //
Dry weight: 6.2kg // Overall length: 2407mm // Cutting length: 519mm
Vibration*1: 4.1m/s² / 3.7m/s²



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

Engine displacement: 25.4cc // Output: 0.89kW //
Dry weight: 6.7kg // Overall length: 2446mm // Cutting length: 536mm
Vibration*1: 5.6m/s² / 6.3m/s²



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

Engine displacement: 25.4cc // Output: 1.00kW //
Dry weight: 6.5kg // Overall length: 2440mm // Cutting length: 536mm
Vibration*1: 7.6m/s² / 7.2m/s²



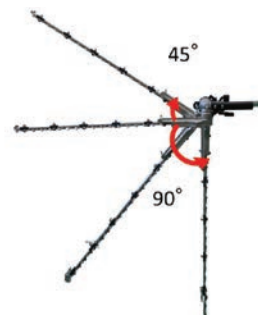
Available
SPRING 2019



*1: Equivalent vibration level support / trigger handle



Foldable arms (HCA-236ES-LW, HCA-265ES-HD, HCA-2620ES-HD)



Ultra-convenient 'SNAPMOTION' articulating system adjusts through 10-positions in 15° increments.

BLOWERS

OVERVIEW

ECHO developed the first backpack blower, the first handheld blower and the first 'quiet' blower. Constantly working on enhancing both performance and comfort, recent innovations include a patented operator cooling system. So, if you are looking for an industry-leading blower, ECHO has just the product for you.



HIGH PERFORMANCE
 – Air volume 768m³/h
 – Air speed 76.2m/sec

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

THROTTLE WITH CRUISE CONTROL
 Allows operator to lock throttle at a variety of settings.

SHOULDER HARNESS ATTACHMENT POINTS
 Allow use of shoulder harness to support weight of unit and reduce user fatigue.

TOOL-LESS AIR FILTER COVER
 For easy access.

POSİ-LOCK

EZ-LOCK SYSTEM

DOUBLE-GRID DESIGN
 Reduces intake clogging and provides more consistent unit performance.

25.4cc PROFESSIONAL-GRADE, 2 STROKE ENGINE
 Provides greater blowing to get your job done faster.

PB-2520

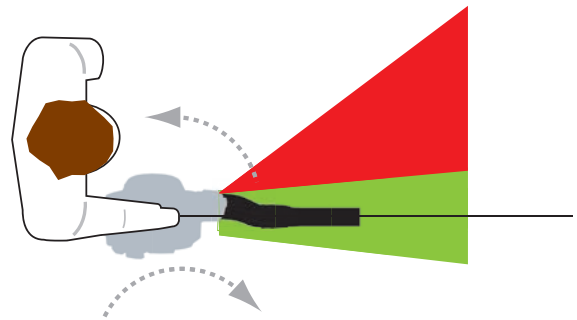


BLOWERS HANDHELD & BACKPACK



PB-2520

Engine displacement: 25.4cc // Output: 0.91kW //
 Dry weight^{*1}: 3.9kg // Air volume: 768m³/h (straight pipe) //
 Max air speed: 76.2m/sec // Vibration^{*2}: 9.9m/s²



ROTATIONAL CONTROL – Features on PB-2520

Reduces the effort required to keep the blower from rotating in towards the operator's legs (typical of most handheld models). 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.



PB-265ESLT

Engine displacement: 25.4cc // Output: 0.70kW //
 Dry weight^{*1}: 6.0kg // Air volume: 618m³/h (straight pipe) //
 Max air speed: 68.7m/sec // Vibration^{*2}: 1.3m/s²



PB-580

Engine displacement: 58.2cc // Output: 2.05kW // Dry weight^{*1}: 10.3kg
 Air volume: 882m³/h (straight pipe) 870m³/h (bent pipe) //
 Max air speed: 96.4m/sec (straight pipe) 93.8m/sec (bent pipe) //
 Vibration^{*2}: 2.0m/s² (straight pipe) 3.1m/s² (bent pipe)



PB-770

Engine displacement: 63.3cc // Output: 3.05kW //
 Dry weight^{*1}: 11.0kg // Air volume: 1290m³/h (straight/bent pipe) //
 Max air speed: 104.6m/sec (straight/bent pipe) //
 Vibration^{*2}: 2.8m/s² (straight pipe) 1.9m/s² (bent pipe)



*1: Unit with standard blower or vacuum pipes and empty tank
 *2: Equivalent vibration level trigger handle



SHRED 'N' VAC®

Blow, vacuum and shred leaves all with one unit. The high powered ES-250ES Shred 'N' Vac® not only makes short work of clearing leaves and garden debris, but also shreds the material, reducing its volume 12:1. With a quick and easy operation, the ES-250ES can be turned into a powerful handheld blower.



EZ lock – easy securing and disconnecting of the blower tube



Exclusively designed asymmetric cutters, shred leaves and garden debris to one twelfth of their original size

ES-250ES

Engine displacement: 25.4cc // Output: 0.72kW //
Dry weight*1: 5.7kg // Air volume: 576m³/h //
Max air speed: 81.7m/sec // Vibration*2: 8.3m/s² / 5.0m/s²



*1: Unit with standard blower or vacuum pipes and empty tank
*2: Equivalent vibration level support / trigger handle

BLOWER ACCESSORIES



Rain Gutter Attachment

Rain gutter kit (N): C1097201

Model	Rain gutter kit
PB-265ESLT	C1097201
PB-580	C1097201
PB-770	-
ES-250ES	C1097201

MULTI-TOOL SYSTEM

PAS-2620ES



Engine displacement: 25.4cc // Output: 1.00kW //
 Dry weight*1: 4.8kg // Length*1: 1038mm



**NYLON LINE SF400
 SPEED-FEED HEAD
 AS STANDARD**

MTA-TB:
 Trimmer and
 brushcutter
 attachment

MTA-AH-HD
 Long shafted hedge
 trimmer attachment

**3 CUTTER
 METAL BLADE**

MTA-PP/E
 Pruner attachment

MTA-TC
 Tiller/cultivator attachment

MTA-LE/E
 Edger attachment

MTA-PS
 Sweeper attachment

Each attachment
 is available as an
 optional extra

NEW

**QUICK-CHANGE
 COUPLER**
 makes attachment
 transition quick
 and easy.

MTA-PB
 Blower attachment

**HEAVY
 DUTY AIR
 FILTER**

MTA-3EXT
 3ft extension attachment

*1: Unit without attachment



One engine, seven tools. The ECHO Multi-tool system enables you to own a range of the very best tools at a much reduced total cost. Each tool can be fitted quickly and easily by simply pushing and tightening the preferred attachment to the engine unit.

	Trimmer/ Brushcutter	Hedge Trimmer	Power Pruner [®]	Tiller Cultivator	Edger	Brush	Blower	Extension
	MTA-TB	MTA-AH-HD	MTA-PP/E	MTA-TC	MTA-LE/E	MTA-PS	MTA-PB	MTA-3EXT
Dry weight (kg)	1.0 ^{*2}	2.6	1.8 ^{*3}	2.3	2.2 ^{*5}	5.3	1.8	1.2
Length (mm)	816 ^{*2}	1637	1451 ^{*4}	907	787 ^{*5}	955	635	995
Drive shaft diameter (mm)	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
Gear reduction ratio	1.36	4.6	1.5	42.75	2.07	42.75	–	–
Cutting length (mm)	–	536	–	–	–	–	–	–
Cutter pitch (mm)	–	35	–	–	–	–	–	–
Applicable bar length (cm / inch)	–	–	25 / 10	–	–	–	–	–
Saw chain pitch (inch)	–	–	3/8	–	–	–	–	–
Cutting blade length (mm)	–	–	–	–	197	–	–	–
Culti rotor diameter (mm)	–	–	–	220	–	–	–	–
Culti rotor width (mm)	–	–	–	160	–	–	–	–
Maximum sweeping width (mm)	–	–	–	–	–	590	–	–
Air volume ^{*1} (m ³ /h)	–	–	–	–	–	–	651	–
Maximum air speed ^{*1} (m/sec)	–	–	–	–	–	–	63.5	–

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

GUIDE BAR & SAW CHAIN REFERENCE CHART

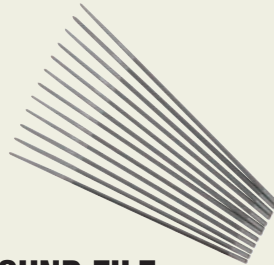


Model	Gauge (in)	Pitch (in)	GUIDE BAR					SAW CHAIN					
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replaceable nose)	Drive links	Oregon type	Part number	Carlton type	
CS-2511TES	0.050	3/8	25	C	C25S91-40SL- ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	N1C-BL	
CS-2511TES C	0.043	1/4	25	C	C25HA4-60CL- ED	X101-000210	Solid	Hard	60	—	X201-000020	—	
CS-280TES	0.050	3/8	25	C	C25S91-40SL- ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	N1C-BL	
CS-360TES	0.050	3/8	30	C	C30S91-47ML- EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			35		C35S91-53ML- EC	X123-000551					X223-000130		
CS-281WES	0.050	3/8	25	C	C25S91-40SL- ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	N1C-BL	
			30		C30S91-47ML- ET	X122-000073					X222-000140		
CS-361WES	0.050	3/8	35	C	C35S91-53AL- ET	430219-38733	Laminate	Sprocket	53	91PX	X223-000130	N1C-BL	
					91VXL	X223-000080							
					53	91PX				X223-000130			
			91VXL	X223-000080									
			58	91PX	X224-000070								
			91VXL	X224-000030									
CS-310ES	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			91VXL		X222-000130								
			35		C35S91-53ML- ET	X123-000133			53	91PX	X223-000130	N1C-BL	
			91VXL		X223-000080								
CS-352ES	0.050	3/8	30	C	C30S91-47ML- ET	X122-000073	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL	
			91VXL		X222-000130								
			35		C35S91-53ML- ET	X123-000133			53	91PX	X223-000130	N1C-BL	
			91VXL		X223-000080								
CS-370ES	0.058	0.325	33	C	C33S21-56AA- ET	430513-16634	Laminate	Sprocket	56	21BPX	431713-30231	K2L	
			38		C38S21-64AA- ET	430521-37334					431721-30231		
CS-390ESX	0.050	0.325	33	V	Y33S20-56ML- ED	X122-000410	Laminate	Sprocket	56	95TXL	X242-000010	—	
			38		Y38S20-64ML- ED	X123-000670					X243-000020		
CS-420ES	0.058	0.325	38	C	C38S21-64AA- ET	430521-37334	Laminate	Sprocket	64	21BPX	431721-30231	K2L	
			43		43RD58-325	430527-37333					431717-30231		
CS-4510ES	0.058	0.325	38	Y	Y38S21-64ML- ED	X123-000620	Laminate	Sprocket	64	21BPX	431721-30231	K2L	
					Y38R21-64AA- ET	X123-000650	Solid	Sprocket (X160-000150)					
					Y45S21-72ML- ED	X125-000390	Laminate	Sprocket					
			45	Y45R21-72AA- ET	X125-000420	Solid	Sprocket (X160-000150)	72	431717-30231				
			50	Y50S21-80AL- ED	X126-000300	Laminate	Sprocket						
			Y50R21-80AA- ET	X126-000320	Solid	Sprocket (X160-000150)							
CS-501SX	0.058	0.325	40	V	V40R21-68AA- ED	X124-000691	Solid	Sprocket (X160000090)	68	21BPX	431711-38331	K2L	
			45		V45R21-72AA- ED	X125-000351					72		431717-30231
			50		V50R21-80AA- ED	X126-000291					80		431712-30231
CS-550	0.058	3/8	40	V	V40R73-60AA- ET	X124-000502	Solid	Sprocket (X160-000140)	60	73LGX	X264-000040	A2LM	
			45		V45R73-64AA- ET	X125-000182					64		431017-30831
			50		V50R73-72AA- ET	X126-000152					72		431012-30831
CS-620SX	0.058	3/8	45	S	S45R73-64AA- ED	X125-000261	Solid	Sprocket (X160-000080)	64	73LPX	X265-000060	A2LM-BL	
			50		S50R73-72AA- ED	X126-000191					72		X266-000060
			60		S60R73-84AA- ED	X128-000051					84		X268-000040

CHAINSAW ACCESSORIES

CHAINSAW FILES

Diameter	Item#
4.0mm	99988801720
4.5mm	99988801721
5.0mm	99988801722
5.16mm	99988801723
5.5mm	99988801724



ROUND FILE



BAR & CHAIN OIL

3.785 litres #6450110
0.946 litres #6450112



FLAT FILE

Item# 99988801760



HANDLE

Item# 99988801761

PREMIUM OILS








POWER BLEND OIL 50:1




100ml #6450102 // 1 Litre #6450107 // 1 Litre Squeeze Bottle #6450116




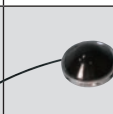

Quality engine oil provides excellent protection against rust, wear and corrosion. ECHO Oil is exclusively blended and tuned for ECHO 2-stroke engines. ECHO Power Blend Oil exceeds ISO-LEGD and JASO M345/FD requirements. It has superior cleaning abilities, minimises exhaust gas blockages and ensures superior protection.



CUTTING HEADS & BLADES REFERENCE CHART

		TAP & GO NYLON LINE CUTTING HEAD						
		B4-R	G137 100	G138 500	F4 M10	DS-5 M10L	Z5 M10L	B6 M10L
Standard ● Option ◇								
Part number		X047-000381	X047-000550	X047-000560	X047-000260	X047-000221	X047-000331	X047-001120
Line diameter (mm)		3.0	3.0		3.0	3.0		3.3
Line length (m)		2.0	2.0		2.0	3.0	5.0	1.5 x 2
								
GT-222ES	L	◇	●					
SRM-222ES	L			●				
SRM-236TES	U				●			
	L				●			
SRM-2620TES	U				◇		●	
	L						●	
SRM-3020TES	U						◇	
	L						◇	
SRM-3610T	U						●	
	L						●	
SRM-420TES	U					◇	◇	●
SRM-520ES	U					●		
RM-520ES	L					◇	●	

		METAL BLADE						
		3-CUTTER METAL BLADE				4-CUTTER METAL BLADE		
Standard ● Option ◇								
Item number		X405-000011	X405-000001	P021-014310	P021-014320	X400-000021	696001-64133	X400-000032
Blade diameter (mm)		230	255	230	255	230	255	
Blade thickness (mm)		2.0		3.0		2.0	1.4	2.0
Arbor (mm)		25.4				25.4		
								
GT-222ES	L							
SRM-222ES	L	◇		◇		◇		
SRM-236TES	U			◇		◇		
	L			◇		◇		
SRM-2620TES	U	◇		◇		◇		
	L	◇		◇		◇		
SRM-3020TES	U		◇		◇			◇
	L		◇		◇			◇
SRM-3610T	U				◇			◇
	L				◇			◇
SRM-420TES	U		◇		◇		◇	◇
SRM-520ES	U		◇		●		◇	◇
RM-520ES	L		◇		●		◇	◇
PAS-2620ES	-							
PPT-265ES	-							

	SPEED-FEED	MANUAL / FIXED NYLON LINE CUTTING HEAD			
	SF400	2-LINE RAPID-LOADER	3-LINE RAPID-LOADER	2-LINE SMART-LOADER	4-LINE SMART-LOADER
	C6000109	C9500089	C9500092	C2070116	C2070115
	2.4	-	-	3.0	
	3.0	-	-	0.26 x 2	0.26 x 4
					
	◇	◇		◇	
	◇	◇		◇	
	◇	◇		◇	
	◇	◇		◇	
	◇	◇		◇	
	◇	◇		◇	
	●	◇		◇	
	●	◇		◇	
	◇	◇	◇	◇	◇
	◇	◇	◇	◇	◇
		◇	◇	◇	◇
		◇	◇	◇	◇
		◇	◇	◇	◇
		◇	◇	◇	◇

HARNESSES



A #C062-000550 // B ERGO-PRO #C062-000610



Harness A



Harness B

			RECIPROCATING CUTTER ATTACHMENT*1				
8-CUTTER METAL BLADE			HCAA-2400A	HCAA-2401A-LW	HCAA-2402A	HCAA-2403A LW	HCAA-2404A
X405-000130	696001-55632	X405-000141					
230	255		-	-	-	-	-
1.8	1.4	2.0	-	-	-	-	-
25.4			-	-	-	-	-
							
	◇					◇	
	◇		◇				
	◇		◇				
	◇						◇
	◇						◇
	◇	◇					
	◇	◇					
	◇	◇					
	◇	◇					
	◇	◇					
	◇	◇					
				◇			
					◇		

*1: Turn your Trimmer / Multi-tool / Power Pruner® into a shafted hedge trimmer

SPECIFICATIONS

CHAINSAWS

	TOP HANDLE SAWS				REAR HANDLE SAWS		
	CS-2511TES	CS-2511TES C	CS-280TES	CS-360TES	CS-310ES	CS-281WES	CS-352ES
Engine displacement (cc)	25.0	25.0	26.9	35.8	30.5	26.9	34.0
Output (kW)	1.10	1.10	1.07	1.50	1.1	1.09	1.31
Dry weight ¹ (kg)	2.3	2.3	3.0	3.6	4.0	3.1	4.0
Fuel tank capacity (L)	0.19	0.19	0.24	0.33	0.25	0.24	0.25
Fuel consumption at maximum engine power (L/h)	0.67	0.67	0.68	0.88	0.68	0.68	0.96
Chain oil tank capacity (L)	0.14	0.14	0.16	0.24	0.26	0.16	0.26
Priming pump	○	○	○	○	○	○	○
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
Choke w/ automatic fast idle release	○	○	○	○	○	○	○
Chain tensioner	Side	Side	Side	Side	Side	Side	Side
Saw chain pitch (inch)	3/8	1/4	3/8	3/8	3/8	3/8	3/8
Guide bar gauge (inch)	0.050	0.043	0.050	0.050	0.050	0.050	0.050
Applicable bar length (cm / inch)	25 / 10	25 / 10	25 / 10	30, 35 / 12, 14	30, 35 / 12, 14	25, 30 / 10, 12	30, 35 / 12, 14

TRIMMERS / BRUSHCUTTERS

	TRIMMERS		TRIMMERS / BRUSHCUTTERS				
	GT-222ES	SRM-222ES	SRM-236TES		SRM-2620TES		
Handle type	L	L	U	L	U	L	
Engine displacement (cc)	21.2	21.2	21.2	21.2	25.4	25.4	
Output (kW)	0.71	0.71	0.71	0.71	1.04	1.04	
Dry weight ² (kg)	4.3	4.7	5.6	5.1	6.0	5.8	
Fuel tank capacity (L)	0.40	0.40	0.44	0.44	0.60	0.60	
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.45	0.45	0.61	0.61	
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	
Drive shaft type	Flexible	Flexible	Solid	Solid	Solid	Solid	
Drive shaft diameter (mm)	6.1	6.15	6.0	6.0	7.0	7.0	
Main pipe diameter (mm)	25.0	25.0	25.0	25.0	25.0	25.0	
Gear reduction ratio	1.00	1.36	1.62	1.62	2.07	2.07	
Standardised nylon head	Type	G137 100	G138 500	F4 M10	F4 M10	Z5 M10L	Z5 M10L
	Item number	X047-000550	X047-000560	X047-000260	X047-000260	X047-000332	X047-000332
Standardised metal blade	Type	–	–	–	–	–	–
	Item number	–	–	–	–	–	–

	CS-361WES	CS-370ES	CS-390ESX	CS-420ES	CS-4510ES	CS-501SX	CS-550	CS-620SX
	35.8	36.3	38.4	40.2	45.0	50.2	54.1	59.8
	1.49	1.41	1.90	1.6	2.3	2.57	2.49	3.32
	3.8	4.6	4.5	4.6	5.0	4.7	6.0	6.2
	0.32	0.41	0.42	0.41	0.48	0.50	0.53	0.645
	0.86	0.76	1.22	0.95	1.19	1.54	1.34	2.05
	0.23	0.28	0.215	0.28	0.33	0.28	0.30	0.30
	○	○	–	○	○	–	–	–
	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	Decomp	Decomp	Decomp
	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
	○	○	○	○	○	○	○	○
	Side	Side	Front	Side	Side	Side	Side	Side
	3/8	0.325	0.325	0.325	0.325	0.325	3/8	3/8
	0.050	0.058	0.050	0.058	0.058	0.058	0.058	0.058
	35, 40 / 14, 16	33, 38 / 13, 15	33, 38 / 13, 15	38, 43 / 15, 17	33, 38, 45, 50 / 13, 15, 18, 20	40, 45, 50 / 16, 18, 20	40, 45, 50 / 16, 18, 20	45, 50, 60 / 18, 20, 24

*1 : Without guide bar and saw chain

SRM-3020TES		SRM-3610T		SRM-420TES	SRM-520ES	RM-520ES
U	L	U	L	U	U	L
30.5	30.5	36.3	36.3	41.5	50.2	50.2
1.3	1.3	1.43	1.43	1.78	2.16	2.16
6.3	6.0	6.6	6.3	8.7	9.0	12.0
0.74	0.74	0.85	0.85	0.69	0.69	1.07
0.72	0.72	0.92	0.92	1.05	1.23	1.23
Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
ES-Start	ES-Start	Decomp	Decomp	ES-Start	ES-Start	ES-Start
Solid	Solid	Solid	Solid	Solid	Solid	Solid
7.0	7.0	7.0	7.0	8.0	8.0	8.0
25.0	25.0	25.0	25.0	28.0	28.0	28.0
1.62	1.62	1.62	1.62	2.08	1.33	1.33
SF400	SF400	Z5 M10L	Z5 M10L	B6 M10L	DS-5 M10L	Z5 M10L
C6000109	C6000109	X047-000332	X047-000332	X047-001121	X047-000221	X047-000332
–	–	–	–	–	3-cutter metal blade	3-cutter metal blade
–	–	–	–	–	P021-014320	P021-014320

*2: Unit without cutting attachment and shield

SPECIFICATIONS

HEDGE TRIMMERS

	DOUBLE-SIDED					SINGLE-SIDED		ARTICULATING			
	HC-1501	HCR-1501	HC-156	HCR-165ES	HCR-185ES	HCS-2810ES	HCS-3810ES	HCAS-236ES-LW	HCA-236ES-LW	HCA-265ES-HD	HCA-2620ES-HD
Engine displacement (cc)	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	25.4	25.4
Output (kW)	0.58	0.58	0.58	0.58	0.58	0.6	0.6	0.71	0.71	0.89	1.0
Dry weight (kg)	4.9	5.1	5.1	5.1	5.3	4.7	4.9	5.9	6.2	6.7	6.5
Fuel tank capacity (L)	0.46	0.46	0.46	0.37	0.37	0.39	0.39	0.44	0.44	0.50	0.60
Fuel consumption at maximum engine power (L/h)	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.45	0.45	0.60	0.61
Start assist system	–	–	–	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
Rotating handle	–	○	–	○	○	–	–	–	–	–	–
Anti-vibration system	–	–	–	○	○	○	○	–	–	–	–
Cutter type	Double	Double	Double	Double	Double	Single	Single	Double	Double	Double	Double
Cutting length (mm)	499	499	639	639	744	589	834	519	519	536	536
Cutter pitch (mm)	35	35	35	35	35	35	35	30	30	30	35
Cutter clearance	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustment-free

POWER BLOWERS / SHRED 'N' VAC®

	HANDHELD	BACKPACK			SHRED 'N' VAC®
	PB-2520	PB-265ESLT	PB-580	PB-770	ES-250ES
Engine displacement (cc)	25.4	25.4	58.2	63.3	25.4
Output (kW)	0.91	0.70	2.05	3.05	0.72
Dry weight ³ (kg)	3.9	6.0	10.3	11.0	5.7
Fuel tank capacity (ml)	545	660	1835	2020	500
Fuel consumption at maximum engine power (l/h)	0.52	0.54	1.03	1.87	0.52
Air volume at actual usage point (m ³ /h) ⁴	768 ^{*5}	618 ^{*5}	882 ^{*5}	1290 ^{*5}	576 ^{*5}
Maximum air speed (m/sec) ⁴	76.2 ^{*5}	68.7 ^{*5}	96.4 ^{*5}	104.6 ^{*5}	81.7 ^{*5}
Start assist system	–	ES-Start	–	–	ES-Start
Throttle setting device	○	○	○	○	○
Standardised nozzle type	Round straight	Round bent	Round straight	Round straight	Vacuum
			Round bent	Round bent	Flat straight
Vacuum kit	–	–	–	–	○

*3: Unit with standard blower / vacuum pipe A, empty tank.
*4: With standard pipe A.
*5: Measured in accordance with ANSI/OPEI B175.2.

MULTI-TOOL SYSTEM

	PAS-2620ES
Engine displacement (cc)	25.4
Output (kW)	1.00
Dry weight ⁶ (kg)	4.8
Length ⁶ (mm)	1038
Fuel tank capacity (L)	0.60
Fuel consumption at maximum engine power (L/h)	0.6
Start assist system	ES-Start

*6: Unit without attachment

POWER PRUNERS®

	PPT-265ES	PPT-2620ES
Engine displacement (cc)	25.4	25.4
Output (kW)	0.89	1.00
Dry weight ⁷ (kg)	8.0	7.9
Overall length (mm)	2720-3720	2716-3704
Fuel tank capacity (L)	0.50	0.60
Fuel consumption at maximum engine power (L/h)	0.60	0.61
Chain oil tank capacity (L)	0.20	0.20
Start assist system	ES-Start	ES-Start
Telescoping shaft system	○	○
Optional extension shaft (feet)	4	4
Guide bar length (cm / inch)	30 / 12	30 / 12
Guide bar gauge (inch)	0.050	0.050
Saw chain pitch (inch)	3/8	3/8

*7: Without cutter attachment

50V BATTERY SERIES



	CHAINSAW	HANDHELD BLOWER	DOUBLE-SIDED HEDGE TRIMMER	TRIMMER	MULTI-TOOL
	DCS-1600	DPB-600	DHC-200	DSRM-300	DPAS-300
Rated voltage (V)	50.4	50.4	50.4	50.4	50.4
Dry weight (kg)	3.1*1	3.2*3	3.3*3	3.6*6	3.1*3 (Power Unit) 1.4*7 (DPAS-Trimmer) 2.4*7 (DPAS-HCA) 1.5*7 (DPAS-PP)
Run Time (min)	Up to 32*2	Up to 15*2	Up to 60*5	Up to 22*5 (14 inch) Up to 30*5 (12 inch)	Up to 19*5 (DPAS-Trimmer) Up to 32*5 (DPAS-HCA) Up to 21*5 (DPAS-PP)
Chain oil tank capacity (L)	0.38	–	–	–	–
Saw chain pitch (inch)	3/8	–	–	–	–
Guide bar gauge (inch)	0.043	–	–	–	–
Applicable bar length (cm / inch)	35 / 14	–	–	–	–
Nozzle Type	–	Round Straight	–	–	–
Air Volume (m ³ /h)	–	648*4	–	–	–
Max Air Speed (m/sec)	–	72.5*4	–	–	–
Cutter Type	–	–	Double	–	–
Cutting Length (mm)	–	–	624	–	–
Cutter Pitch (mm)	–	–	30	–	–
Cutter Clearance	–	–	Adjustable-free	–	–
Drive Shaft Type	–	–	–	Solid	–
Drive Shaft Diameter (mm)	–	–	–	6.0	–
Main Shaft Diameter (mm)	–	–	–	25.0	–
Gear Reduction Ratio	–	–	–	1.4	–

*1: Unit without battery, guide bar and saw chain. *2: With standard 4Ah battery. *3: Unit without battery. *4: With standard pipes. *5: With standard 2Ah battery. *6: Unit without battery, cutting attachment and shield.

58V BATTERY SERIES



	CHAINSAW	HANDHELD BLOWER	DOUBLE-SIDED HEDGE TRIMMER	TRIMMER	LAWN MOWER
	CS-58V4AH	PLB-58V2AH	HT-58V2AH	DST-58V2AH	LM-58V4AH
Rated voltage (V)	51.1 (max 58)	51.1 (max 58)	51.1 (max 58)	51.1 (max 58)	51.1 (max 58)
Dry weight (kg)	4.83*1	3.2*3	4.3*3	3.7*6	24.5*3
Run time (min)	112 cuts on 15cm diameter log*2	Up to 15*5	Up to 90*5	Up to 30*5	Up to 40*2 (with 1 battery)
Saw chain pitch (inch)	3/8	–	–	–	–
Guide bar gauge (inch)	0.043	–	–	–	–
Applicable bar length (cm / inch)	40 / 16	–	–	–	–
Nozzle type	–	Round Straight	–	–	–
Air volume (m ³ /h)	–	730*4 (Standard mode) 934*4 (Turbo mode)	–	–	–
Max air speed (m/sec)	–	51.4*4 (Standard mode) 64.8*4 (Turbo mode)	–	–	–
Blade type	–	–	Double	–	–
Cutting length (mm)	–	–	610	–	–
Cutter pitch (mm)	–	–	19	–	–
Cutting swath (cm / inch)	–	–	–	30.5 / 12	–
Main shaft	–	–	–	Straight	–
Line diameter (mm / inch)	–	–	–	2 / 0.095	–
Cutting width (cm / inch)	–	–	–	–	53 / 21
Height of cut (mm)	–	–	–	–	19 to 100
Cutting positions	–	–	–	–	7
Collection bag capacity (litres)	–	–	–	–	60

*1: Unit without battery, guide bar and saw chain. *2: With standard 4Ah battery. *3: Unit without battery. *4: With standard pipes. *5: With standard 2Ah battery. *6: Unit without battery, cutting attachment and shield.

CHIPPER/SHREDDERS

7.6cm (3") CHIPPER/SHREDDER SC3420XE



- 420cc Briggs & Stratton OHV engine
- 7.6cm (3") chipping capacity
- Two reversible, heat-treated steel chipper blades
- 12 serrated shredding knives
- 4cm (1½") screen standard – three others optional
- Dual belt drive



Additional screens are available on 7.6cm (3") chipper/shredders



Actual product may differ from that illustrated

	Engine	Size (LxWxH)	Hopper size	Chipper shredders	Chipper capacity	Start	Weight
SC3420XE	Briggs & Stratton 420cc	140x81x135cm (55"x32"x53")	30.5x56cm (12"x22")	2 chipper blades 12 shredder knives	7.6cm (3")	Recoil	119kg (263lbs)

OPTIONS: 70251 Blower attachment; 70494 Wet debris screen

7.6cm (3") CHIPPER/SHREDDER SC3206XE



- 206cc Briggs & Stratton engine
- 7.6cm (3") chipping capacity
- Two reversible, heat-treated steel chipper blades
- Eight shredding knives
- 4cm (1½") screen standard – three others optional
- Single belt drive



Additional screens are available on 7.6cm (3") chipper/shredders



	Engine	Size (LxWxH)	Hopper size	Chipper shredders	Chipper capacity	Start	Weight
SC3206XE	Briggs & Stratton 206cc	102x63x117cm (40"x25"x46")	30.5x63cm (12"x25")	2 chipper blades 8 shredder knives	7.6cm (3")	Recoil	88.4kg (195lbs)

OPTIONS: 70494 Wet debris screen



WARRANTY

ECHO Bear Cat warrants to the original owner each new ECHO Bear Cat product to be free from defects in material and workmanship, under normal use and service. The warranty shall extend, from date of purchase, 2 years for Consumer use of the product, 1 year for Commercial applications and 6 months for Hire applications.

**Model SC2170 is classified as a Consumer grade product and will not qualify for warranty coverage if used for Commercial or Hire purposes.*

**5cm (2") CHIPPER/SHREDDER
 SC2170**

- Subaru 170cc engine
- 5cm (2") chipping capacity
- Two reversible, heat-treated steel chipper blades
- 2 double hammer flails for shredding
- 4cm (1½") screen standard with a 2cm (¾") screen available
- Direct drives



	Engine	Size (LxWxH)	Hopper size	Chipper shredders	Chipper capacity	Start	Weight
SC2170	Subaru 170cc	76x66x130cm (30"x26"x51")	40x19cm (15¾"x7½")	2 chipper blades 2 double hammer flails	5cm (2")	Recoil	55kg (120lbs)



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