



PRODUCT CATALOGUE

DEPEND ON IT

JAPAN TECHNOLOGY

Japan is the spiritual home of technological craftsmanship and continues to lead the world in engineering and manufacturing expertise. Japan has set a global standard where the expectation of customers who buy Japanese products is extremely high. In fact, customers assume that Japanese products will be reliable, well built, dependable, professional and durable. ECHO is all of these.

That is because ECHO is a brand produced by Yamabiko Corporation, a company that has been behind many 'world first' innovations. These began with the first backpack duster in 1950 and have continued ever since. Our focus is on developing world-class products that are known for their light weight, power and durability. Recently, global markets have begun demanding products with lower exhaust emissions. We have used our technological capabilities to become the global leader in the development of engines with reduced emissions.

Over the years, Yamabiko Corporation has produced over 60 million engines. We currently have manufacturing facilities around the world that all work to the same standard of quality, resulting in consistent, professional-grade products. It is no surprise, then, that our customers worldwide have come to rely on the performance and high quality of all Yamabiko Corporation products.

This craftsmanship extends into manufacturing. Our production philosophy allows us to control the manufacturing processes from the raw materials all the way through to the finished products. We utilize lean manufacturing techniques and the latest equipment to make production more efficient and to maintain our global competitiveness. Our products are assembled using a harmonious marriage of human craftsmanship and state-of-the-art technology, resulting in the highest quality standards.





CONTENTS

CHAINSAWS

Top Handle Chainsaws
Rear Handle Chainsaws

POWER PRUNER®

Power Pruner® Attachments

TRIMMERS & BRUSHCUTTERS

High Torque Brushcutters
Battery Trimmer
Trimmers & Brushcutters
Backpack Brushcutter
Rotary Scissors / Accessories

HEDGE TRIMMERS

Double-sided Hedge Trimmers
Single-sided Hedge Trimmers
Articulating Hedge Trimmers

06-14

08-09

10-14

15

15

16-23

20-21

22

22

23

23

24-27

26

27

27

BLOWERS

Handheld Blowers
Backpack Blowers
Shred 'N' Vac®
Accessories

28-31

30

30

31

31

MULTI-TOOL SYSTEM

32-33

GUIDE BARS & SAW CHAINS

34-35

Accessories / Bar & Chain Oil

34-35

CUTTING HEADS & BLADES

36-37

SPECIFICATIONS & OIL

38-41

ECHO BEAR CAT CHIPPER/SHREDDERS

42-43



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



MAKE LIGHT WORK OF IT

Your commute is off the beaten track. Your office is the wilderness. It's just you, your tools and the majesty of Mother Nature.

But, as much as you respect her, there are times she must be persuaded, cajoled, tamed. And you'll need all your wits, all your skills and vitality – the right tools for the job. Tools you can trust, tools you can rely on. Because, when you're miles from the nearest town, there's nowhere to go if something breaks. Just a long day wasted and a longer trek home.

Which is why ECHO tools make light work of it.

Professional. Dependable. Hard-working. They give you the power to conquer even the toughest jobs with absolute confidence.

Because when it's just you, the birds and a hundred hectares of forest, ECHO won't let you down.





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**



CS-2510TES



CS-2510TES

Engine displacement: 25.0cc // Output: 1.11kW //
Dry weight^{*1}: 2.3kg // Bar size: 25cm / 10in // Vibration: 3.9m/s²



CS-280TES

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



CS-360TES

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



GUIDE BAR & SAW CHAIN REFERENCE CHART
& ACCESSORIES: **PAGES 34-35**

*1: Without guide bar and saw chain

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-620SX





CHAINSaws REAR HANDLE



CS-310ES

Engine displacement: 30.5cc // Output: 1.1kW // Dry weight*1: 4.0kg
Bar size: 30, 35cm / 12, 14in // Vibration: 6.8m/s²



CS-281WES

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



CS-352ES

Engine displacement: 34.0cc // Output: 1.31kW // Dry weight*1: 4.0kg
Bar size: 30, 35cm / 12, 14in // Vibration: 5.2m/s²



CS-361WES

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



CS-370ES

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



CS-390ESX

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





CS-420ES

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



CS-450

Engine displacement: 45.0cc // Output: 1.9kW // Dry weight¹: 5.1kg
Bar size: 38, 45, 50cm / 15, 18, 20in // Vibration: 5.9m/s²



CS-501SX

Engine displacement: 50.2cc // Output: 2.57kW // Dry weight¹: 4.7kg
// Bar size: 40, 45, 50cm / 16, 18, 20in // Vibration: 5.4m/s²



CS-550

Engine displacement: 54.1cc // Output: 2.49kW // Dry weight¹: 6.0kg
Bar size: 40, 45, 50cm / 16, 18, 20in // Vibration: 4.8m/s²



CHAINSaws REAR HANDLE



CS-620SX

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



CS-680

Engine displacement: 66.8cc // Output: 3.26kW // Dry weight*1: 6.6kg
Bar size: 45, 50, 60cm / 18, 20, 24in // Vibration: 6.4m/s²



CS-8002

Engine displacement: 80.7cc // Output: 3.93kW // Dry weight*1: 7.6kg
Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in // Vibration: 7.8m/s²



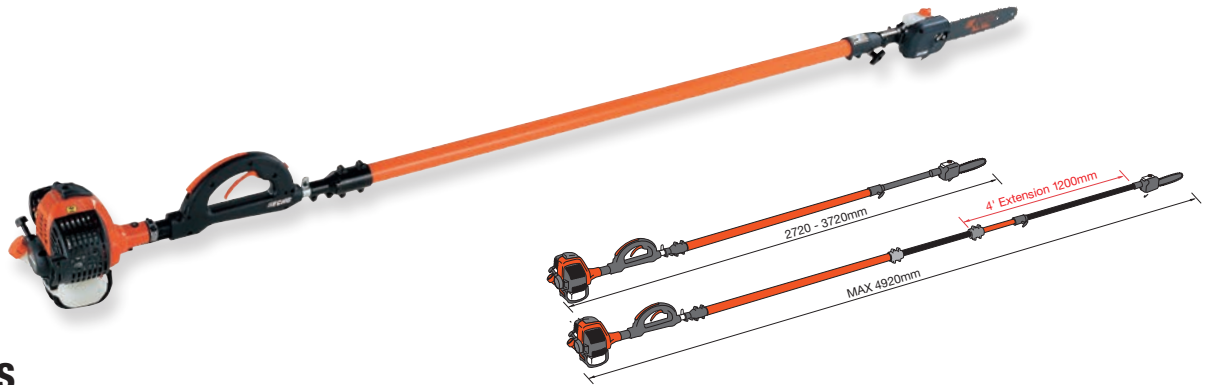
GUIDE BAR & SAW CHAIN REFERENCE CHART
& ACCESSORIES: **PAGES 34-35**



ES-Start

Digital
controlled CDISide access
chain tensioner

POWER PRUNERS® TELESCOPIC



PPT-265ES

Engine displacement: 25.4cc // Output: 0.86kW // Dry weight^{*1}: 7.9kg
Overall length: 2720-3720mm // Vibration: 5.3m/s²



*1: Without cutting 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.

HEDGE TRIMMER ATTACHMENT



1.22m (4')
EXTENSION

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







MASTER OF ALL YOU SEE

Surrounded by nature. Answering to nobody. Yours is the best job in the world. Out in the wild. Defining. Refining. Creating order out of chaos. You cut. You trim. You shape. Relying on your skills, your instincts, and of course, your tools.

Tools that empower you. Tools you know will respond exactly the same way every time. Tools ergonomically designed to work with your body, taking the strain and enabling you to do more, better.

Because when you're out there mastering the unruly, when you're out there making all the decisions alone, when there's only you to say how high, how wide and how far – there's no room for error.

So whether you're sculpting, trimming or taming, make sure there's an ECHO tool in your hand.

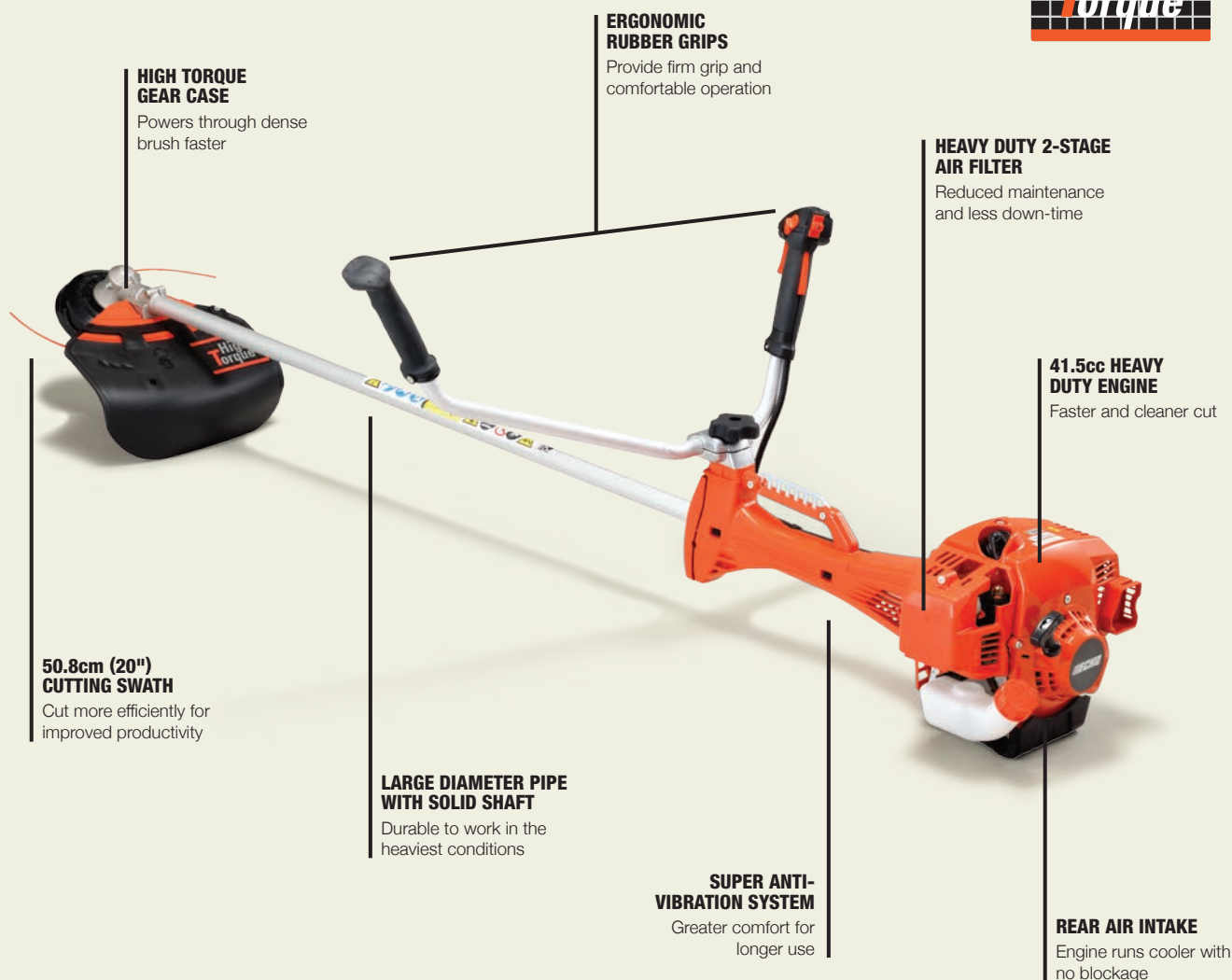


TRIMMERS & BRUSHCUTTERS OVERVIEW

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-420TES



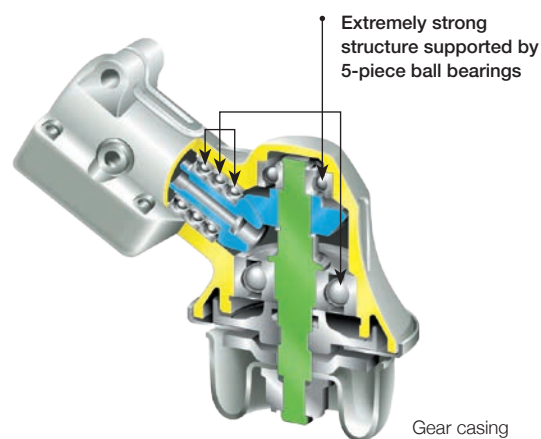


HIGH TORQUE BRUSHCUTTERS



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.





ES-Start

Digital
controlled CDIHeavy duty
air filterSuper anti-vibration
system

U handle



Loop handle

NEW

LOOP HANDLE

SRM-236TES

Engine displacement: 21.2cc // Output: 0.71kW //

Dry weight*1: 5.1kg (LOOP HANDLE), 5.6kg (U HANDLE) //

Vibration: 5.0m/s² (LOOP HANDLE), 4.3m/s² (U HANDLE)

**NEW**

LOOP HANDLE

SRM-2620TES

Engine displacement: 25.4cc // Output: 0.97kW //

Dry weight*1: 5.6kg (LOOP HANDLE), 5.8kg (U HANDLE) //

Vibration: 4.7m/s² (LOOP HANDLE), 4.1m/s² (U HANDLE)

**Available
SUMMER 2016**

LOOP HANDLE

SRM-265TES

Engine displacement: 25.4cc // Output: 0.89kW //

Dry weight*1: 5.9kg (LOOP HANDLE), 6.1kg (U HANDLE)

Vibration: 4.4m/s² (LOOP HANDLE), 2.6m/s² (U HANDLE)



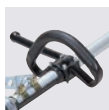
LOOP HANDLE

SRM-300TES

Engine displacement: 28.1cc // Output: 0.93kW //

Dry weight*1: 5.9kg (LOOP HANDLE), 6.2kg (U HANDLE)

Vibration: 4.9m/s² (LOOP HANDLE), 3.3m/s² (U HANDLE)



LOOP HANDLE

SRM-335TES

Engine displacement: 30.5cc // Output: 1.04kW //

Dry weight*1: 6.6kg (LOOP HANDLE), 6.8kg (U HANDLE)

Vibration: 4.2m/s² (LOOP HANDLE), 2.2m/s² (U HANDLE)



SRM-420TES

Engine displacement: 41.5cc // Output: 1.78kW //

Dry weight*1: 8.5kg // Vibration: 4.5m/s²



*1: Without cutting attachment and shield

TRIMMERS BATTERY



ESR-2300

Motor power: 230W // DC voltage: 36V powerful long-lasting
Lithium-ion battery // Dry weight w/o battery: 3.2kg //
Battery weight: 1.3kg



Li-ion Battery



Easy fit, Lithium-ion battery

TRIMMERS & BRUSHCUTTERS



GT-222ES

Engine displacement: 21.2cc // Output: 0.71kW //
Dry weight^{*1}: 4.3kg // Vibration: 5.4m/s²



SRM-222ES

Engine displacement: 21.2cc // Output: 0.71kW //
Dry weight^{*1}: 4.7kg // Vibration: 5.7m/s²



SRM-236ES

Engine displacement: 21.2cc // Output: 0.71kW //
Dry weight^{*1}: 4.9kg // Vibration: 4.6m/s²



SRM-520ES

Engine displacement: 50.2cc // Output: 2.16kW / 2.94ps //
Dry weight^{*1}: 9.0kg // Vibration: 3.4m/s²





ES-Start

Digital
controlled CDI

U handle



Loop handle



RM-410ES

Engine displacement: 42.7cc // Output: 1.68kW / 2.28ps //
Dry weight¹: 11.2kg // Vibration: 1.5m/s²



Harness A



Harness B

HARNESS

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

ROTARY SCISSORS

ROTARY SCISSORS

#C14200012

NEW

Fits the following models:

SRM-265TES
SRM-300TES
SRM-335TES



The rotary scissor 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, safe to use anywhere
- 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.

HCR-165ES





HEDGE TRIMMERS **DOUBLE-SIDED**



HC-1501

Engine displacement: 21.2cc // Output: 0.58kW //
Dry weight: 4.9kg // Cutting length: 499mm // Vibration: 8.9m/s²



HCR-1501

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



HC-156

Engine displacement: 21.2cc // Output: 0.58kW //
Dry weight: 5.1kg // Cutting length: 639mm // Vibration: 11.4m/s²



HCR-165ES

Engine displacement: 21.2cc // Output: 0.57kW //
Dry weight: 5.1kg // Cutting length: 639mm // Vibration: 4.8m/s²



HCR-185ES

Engine displacement: 21.2cc // Output: 0.57kW //
Dry weight: 5.3kg // Cutting length: 744mm // Vibration: 4.8m/s²



HEDGE TRIMMERS SINGLE-SIDED



HC-331ES

Engine displacement: 23.6cc // Output: 0.66kW //
Dry weight: 5.8kg // Cutting length: 728mm // Vibration: 4.8m/s²



HC-341ES

Engine displacement: 23.6cc // Output: 0.66kW //
Dry weight: 6.1kg // Cutting length: 973mm // Vibration: 7.3m/s²



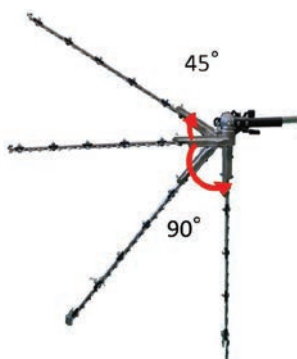
HEDGE TRIMMERS ARTICULATING



NEW

SHORT REACH HCAS-236ES-LW (Lightweight)

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



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



LONG REACH HCA-265ES-LW (Lightweight)

Engine displacement: 25.4cc // Output: 0.89kW //
Dry weight: 6.5kg // Overall length: 2418mm // Cutting length: 519mm
Vibration: 5.0m/s²



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.





BLOWERS **HANDHELD & BACKPACK**



EZ-lock



PB-251

Engine displacement: 25.4cc // Output: 0.70kW //
Dry weight^{*1}: 4.5kg // Air volume: 510m³/h //
Max air speed: 71m/sec // Vibration: 8.8m/s²



PB-265ESLT

Engine displacement: 25.4cc // Output: 0.70kW //
Dry weight^{*1}: 6.0kg // Air volume: 558m³/h (straight pipe) //
Max air speed: 59m/sec // Vibration: 0.9m/s²



NEW

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: 2.0m/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: 2.8m/s² (straight pipe) 1.9m/s² (bent pipe)



^{*1}: Unit with standard blower or vacuum pipes and empty tank

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 their original size



ES-250ES

Engine displacement: 25.4cc // Output: 0.72kW //

Dry weight*1: 5.7kg // Air volume: 522m³/h //

Max air speed: 67.5m/sec // Vibration: 8.3m/s²



BLOWER ACCESSORIES



Rain Gutter Attachment

Rain gutter kit (N): C1097201

Model	Rain gutter kit
PB-251	C1097201
PB-265ESLT	C1097201
PB-580	C1097201
PB-770	—
ES-250ES	C1097201

MULTI-TOOL SYSTEM

PAS-265ES

Engine displacement: 25.4cc // Output: 0.89kW //
Dry weight*1: 4.8kg // Length*1: 1025mm



PAS-BRUSH
#999442-00553

**PAS-TILLER
CULTIVATOR**
#999442-00813

PAS-EDGER
#999442-00875
Blade Part No.
696015-52632

**PAS-POWER
PRUNER***
#999442-00832

**PAS-HEDGE
TRIMMER**
HCAA-2401A-LW

PAS-BLOWER
#999442-00890

NEW

3' EXTENSION OPTION
#999442-00835
for Power Pruner and
Hedge Trimmer

**PAS-SRM
(Brushcutter)**
#999442-00800

PAS-TRIMMER
#999442-00840
Cutting Head Part No. C9500512

Quick change
coupler makes
attachment transition
quick and easy

Each attachment is available
as an optional extra



ES-Start

Digital
controlled CDI

One engine, eight 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.

	PAS-Trimmer	PAS-SRM Brushcutter	PAS-Hedge Trimmer	PAS-Power Pruner®	PAS-Edger	PAS-Tiller Cultivator	PAS-Brush	PAS-Blower
	#999442-00840	#999442-00800	HCAA-2401A-LW	#999442-00832	#999442-00875	#999442-00813	#999442-00553	#999442-00890
Dry weight (kg)	1.4	1.3	2.3	2.3	2.4	1.9	5.1	1.8
Length (mm)	870	815	1514	1450	802	895	925	635
Drive shaft diameter (mm)	6.1	6.1	6.1	6.1	6.1	6.1	6.1	10.5
Main pipe diameter (mm)	25	25	25	25	25	25	25	25
Gear reduction ratio	1.4	1.4	5.63	1.5	2.1	46.2	42.8	—
Cutting length (mm)	—	—	519	—	—	—	—	—
Cutter pitch (mm)	—	—	30	—	—	—	—	—
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*2 (m³/h)	—	—	—	—	—	—	—	619
Maximum air speed*2 (m/sec)	—	—	—	—	—	—	—	51.4

*2: With PAS-265ES power head

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 (Replacable nose)	Drive links	Oregon type	Part number	Carlton type
CS-2510TES	0.050	3/8	25	C	C25H25-60CL-ET	X101-000011	Laminate	Sprocket	60	25AP	431610-10030	N1C-BL
CS-280TES	0.050	3/8	25	C	25RC50S-3/8	X121-000002	Laminate	Sprocket	40	91PX	X221-000100	N1C-BL
CS-360TES	0.050	3/8	30	C	30RC50MDC-3/8 EC	X122-000340	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL
			35		35RC50MDC-3/8 EC	X123-000550			53		X223-000130	
CS-281WES	0.050	3/8	25	C	25RC50S-3/8	X121-000002	Laminate	Sprocket	40	91PX	X221-000100	N1C-BL
			30		30RC50M-3/8 ECHO	X122-000072			47		X222-000140	
CS-361WES	0.050	3/8	35	C	35RC50M-3/8 ECHO	X123-000132	Laminate	Sprocket	53	91PX	X223-000130	N1C-BL
										91VXL	X223-000080	
			40		40RC50-3/8	430211-13432			58	91PX	X224-000070	
CS-310ES	0.050	3/8	30	C	30RC50M-3/8 ECHO	X122-000072	Laminate	Sprocket	47	91PX	X222-000140	N1C-BL
										91VXL	X222-000130	
			35		35RC50M-3/8 ECHO	X123-000132			53	91PX	X223-000130	N1C-BL
CS-352ES	0.050	3/8	30	C	30RC50M-3/8 ECHO	X122-000072	Laminate	Sprocket	47	91PX	X222-000140	
										91VXL	X222-000130	
			35		35RC50M-3/8 ECHO	X123-000132			53	91PX	X223-000130	
CS-370ES	0.058	0.325	33	D	33RD58-325	430513-16633	Laminate	Sprocket	56	21BPX	431713-30231	K2L
			38		38RD58-325	430521-37333			64		431721-30231	

CHAINSAW BAG – REAR HANDLE

C1200202



SAW CHAIN FILES

Round Saw Chain Files

#99988801720 4.0mm
#99988801721 4.5mm
#99988801722 4.8mm
#99988801723 5.0mm
#99988801724 5.5mm

Flat Saw Chain File

#99988801760 150mm

Plastic Handle

#99988801761



Model	Gauge (in)	Pitch (in)	Guide bar						Saw chain			
			Length (cm)	Mount type	Type	Part number	Bar type	Nose type (Replacable nose)	Drive links	Oregon type	Part number	Carlton type
CS-390ESX	0.050	0.325	33	V	33LRV50D-325 EC	X122-000380	Laminate	Sprocket	56	95VPX	X242-000000	K1NK-BL
			38		38LRV50D-325 EC	X123-000580			64		X243-000000	
CS-420ES	0.058	0.325	38	D	38RD58-325	430521-37333	Laminate	Sprocket	64	21BPX	431721-30231	K2L
			43		43RD58-325	430527-37333			72		431717-30231	
CS-450	0.058	0.325	38	V	38RV58-325	430521-30133	Solid	Sprocket (X160000000)	64	21BPX	431721-30231	K2L
			45		45RV58-325	430517-30133			72		431717-30231	
			50		50RV58-325	430512-30133			80		431712-30231	
CS-501SX	0.058	0.325	40	V	40RV58D-325EEC	X124-000690	Solid	Sprocket (X160000090)	68	21BPX	431711-38331	K2L
			45		45RV58D-325EEC	X125-000350			72		431717-30231	
			50		50RV58D-325EEC	X126-000290			80		431712-30231	
CS-550	0.058	3/8	40	V	40RV58-3/8E	X124-000501	Solid	Sprocket (X160000100)	60	73LGX	X264-000040	A2LM
			45		45RV58-3/8E	X125-000181			64		431017-30831	
			50		50RV58-3/8E	X126-000151			72		431012-30831	
CS-620SX	0.058	3/8	45	S	45RS58D-3/8 EEC	X125-000260	Solid	Sprocket (X160000080)	64	73LPX	X265-000060	A2LM-BL
			50		50RS58D-3/8 EEC	X126-000190			72		X266-000060	
			60		60RS58D-3/8 EEC	X128-000050			84		X268-000040	
CS-680	0.058	3/8	45	S	45RS58T-3/8 EEC	430217-30834	Solid	Sprocket (X160000100)	64	73LGX	431017-30831	A2LM
			50		50RS58T-3/8 EEC	430212-30834			72		431012-30831	
			60		60RS58T-3/8 EEC	430213-30834			84		431013-30831	
CS-8002	0.058	3/8	45	S	45RS58T-3/8 EEC	430217-30834	Solid	Sprocket (X160000100)	64	73LGX	431017-30831	A2LM
			50		50RS58T-3/8 EEC	430212-30834		Sprocket (X160000100)	72		431012-30831	
			60		60RS58T-3/8 EEC	430213-30834		Sprocket (X160000100)	84		431013-30831	
			70		70RS58T-3/8 EEC	430215-30834		Sprocket (X160000100)	96		431015-30831	



HELMET SYSTEM

#99988801500



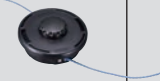
BAR & CHAIN OIL




3.785 Litres #6450110







0.946 Litres #6450112





CUTTING HEADS & BLADES REFERENCE CHART

TAP & GO NYLON LINE CUTTING HEAD									
		B4-R	B4-L	G137 100	G138 500	G138 502	G138 507	F4 M10	
Part number		X047-000381	X047-000370	X047-000550	X047-000560	X047-000570	X047-001060	X047-000260	
Line diameter (mm)		3.0		3.0			2.0	3.0	
Line length (m)		2.0		2.0				2.0	
									
GT-222ES	L	◇		●					
SRM-222ES	L				●				
SRM-236ES	L							●	
SRM-236TES	U							●	
	L							●	
SRM-2620TES	U							◇	
	L								
SRM-265TES	U							◇	
	L								
SRM-300TES	U							◇	
	L								
SRM-335TES	U								
	L								
SRM-420TES	U								
SRM-520ES	U								
RM-410ES	L								
ESR-2300	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-236ES	L			◇		◇			
SRM-236TES	U			◇		◇			
	L			◇		◇			
SRM-2620TES	U	◇		◇		◇			
	L	◇		◇		◇			
SRM-265TES	U	◇		◇		◇			
	L	◇		◇		◇			
SRM-300TES	U		◇		◇			◇	
	L		◇		◇			◇	
SRM-335TES	U		◇		◇			◇	
	L		◇		◇			◇	
SRM-420TES	U		◇		◇		◇	◇	
SRM-520ES	U		◇		●		◇	◇	
RM-410ES	L		◇		●		◇	◇	
PAS-265ES	–								
PPT-265ES	–								

					MANUAL / FIXED NYLON LINE CUTTING HEAD			
	DS-5 M10L	Z5 M10L	B6 M10L	B6 M12L	2-LINE RAPID-LOADER	3-LINE RAPID-LOADER	2-LINE SMART-LOADER	4-LINE SMART-LOADER
	X047-000221	X047-000331	X047-001120	X047-000460	C9500089	C9500092	C2070116	C2070115
	3.0		3.3		—	—	3.0	
	3.0	5.0	1.5 x 2		—	—	0.26 x 2	0.26 x 4
								
							◇	
					◇		◇	
					◇		◇	
					◇		◇	
					◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
		●			◇		◇	
	◇	◇	●		◇	◇	◇	◇
	◇	●			◇	◇	◇	◇
		●			◇	◇	◇	◇

				RECIPROCATING CUTTER ATTACHMENT*1				
8-CUTTER METAL BLADE				HCAA-2400A	HCAA-2401A-LW	HCAA-2402A	HCAA-2403A	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-2510TES	CS-280TES	CS-360TES	CS-310ES	CS-281WES	CS-352ES	CS-361WES	
Engine displacement (cc)	25.0	26.9	35.8	30.5	26.9	34.0	35.8	
Output (kW)	1.11	1.04	1.50	1.1	1.09	1.31	1.49	
Dry weight ¹ (kg)	2.3	3.0	3.6	4.0	3.1	4.0	3.8	
Fuel tank capacity (L)	0.19	0.24	0.33	0.25	0.24	0.25	0.32	
Fuel consumption at maximum engine power (L/h)	0.14	0.65	0.88	0.68	0.69	0.96	0.86	
Chain oil tank capacity (L)	0.67	0.16	0.24	0.26	0.16	0.26	0.23	
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	3/8	3/8	3/8	3/8	3/8	3/8	
Guide bar gauge (inch)	0.050	0.050	0.050	0.050	0.050	0.050	0.050	
Applicable bar length (cm / inch)	25 / 10	25 / 10	30, 35 / 12, 14	30, 35 / 12, 14	25, 30 / 10, 12	30, 35 / 12, 14	35, 40 / 14, 16	

TRIMMERS / BRUSHCUTTERS

TRIMMERS / BRUSHCUTTERS		TRIMMERS	TRIMMERS / BRUSHCUTTERS						
		GT-222ES	SRM-222ES	SRM-236ES	SRM-236TES		SRM-2620TES		
Handle type		L	L	L	U	L	U	L	
Engine displacement (cc)		21.2	21.2	21.2	21.2	21.2	25.4	25.4	
Output (kW)		0.71	0.71	0.71	0.71	0.71	0.97	0.97	
Dry weight*3 (kg)		4.3	4.7	4.9	5.6	5.1	5.8	5.6	
Fuel tank capacity (L)		0.40	0.40	0.44	0.44	0.44	0.61	0.61	
Fuel consumption at maximum engine power (L/h)		0.45	0.45	0.45	0.45	0.45	0.60	0.60	
Carburettor		Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system		ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	
Drive shaft type		Flexible	Flexible	Solid	Solid	Solid	Solid	Solid	
Drive shaft diameter (mm)		6.1	6.15	6.0	6.0	6.0	7.0	7.0	
Main pipe diameter (mm)		25.0	25.0	25.0	25.0	25.0	25.0	25.0	
Gear reduction ratio		—	1.36	1.36	1.62	1.62	2.07	2.07	
Standardised cutting device	Type	G137 100	G138 500	F4 M10	F4 M10	F4 M10	Z5 M10L	Z5 M10L	
	Item number	X047-000550	X047-000560	X047-000260	X047-000260	X047-000260	X047-000331	X047-000331	
Standardised cutting device	Type	—	—	—	—	—	—	—	
	Item number	—	—	—	—	—	—	—	

TRIMMERS / BRUSHCUTTERS

		BATTERY TRIMMER
		ESR-2300
Handle type		L
Motor power (W)		230
DC voltage (V)		36
AC voltage (V)		—
Dry weight ⁴ (kg)		3.2
Battery weight (kg)		1.3
Frequency (Hz)		—
Cutter length (mm)		305
Standardised cutting device	Type	G138 507
	Item number	X047-001060

*4: Unit without cutting attachment, shield and battery

	CS-370ES	CS-390ESX	CS-420ES	CS-450	CS-501SX	CS-550	CS-620SX	CS-680	CS-8002
	36.3	38.4	40.2	45.0	50.2	54.1	59.8	66.8	80.7
	1.41	1.90	1.6	1.9	2.57	2.49	3.32	3.26	3.93
	4.6	4.5	4.6	5.1	4.7	6.0	6.2	6.6	7.6
	0.41	0.42	0.41	0.45	0.50	0.53	0.645	0.64	0.82
	0.76	1.22	0.95	1.24	0.28	1.34	2.05	2.16	2.28
	0.28	0.215	0.28	0.28	1.54	0.30	0.30	0.37	0.40
	○	—	○	○	-	—	—	—	—
	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI
	ES-Start	ES-Start	ES-Start	—	Decomp	Decomp	Decomp	Decomp	—
	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia
	○	○	○	○	○	○	○	○	○
	Side	Front	Side	Side	Side	Side	Side	Side	Front
	0.325	0.325	0.325	0.325	0.325	3/8	3/8	3/8	3/8
	0.058	0.050	0.058	0.058	0.058	0.058	0.058	0.058	0.058
	33, 38 / 13, 15	33, 38 / 13, 15	38, 43 / 15, 17	38, 45, 50 / 15, 18, 20	40, 45, 50 / 16, 18, 20	40, 45, 50 / 16, 18, 20	45, 50, 60 / 18, 20, 24	45, 50, 60 / 18, 20, 24	45, 50, 60, 70 / 18, 20, 24, 28

*1 : Without guide bar and saw chain

	SRM-265TES		SRM-300TES		SRM-335TES		SRM-420TES	SRM-520ES	RM-410ES
	U	L	U	L	U	L	U	U	L
	25.4	25.4	28.1	28.1	30.5	30.5	41.5	50.2	42.7
	0.89	0.89	0.93	0.93	1.04	1.04	1.78	2.16	1.68
	6.1	5.9	6.2	5.9	6.8	6.6	8.5	9.0	11.2
	0.50	0.50	0.61	0.61	0.84	0.84	0.79	0.79	1.20
	0.60	0.60	0.65	0.65	0.59	0.59	1.05	1.23	1.20
	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm
	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start	ES-Start
	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid	Solid
	7.0	7.0	7.0	7.0	7.0	7.0	8.0	8.0	8.0
	25.0	25.0	25.0	25.0	25.0	25.0	28.0	28.0	28.0
	2.07	2.07	2.07	2.07	2.07	2.07	2.08	1.33	1.33
	Z5 M10L	Z5 M10L	Z5 M10L	Z5 M10L	Z5 M10L	Z5 M10L	B6 M10L	Z5 M10L	Z5 M10L
	X047-000331	X047-000331	X047-000331	X047-000331	X047-000331	X047-000331	X047-001120	X047-000331	X047-000331
	—	—	—	—	—	—	—	3-cutter metal blade	3-cutter metal blade
	—	—	—	—	—	—	—	P021-014320	P021-014320

*3: Unit without cutting attachment and shield

SPECIFICATIONS

HEDGE TRIMMERS

	DOUBLE-SIDED					SINGLE-SIDED		ARTICULATING	
	HC-1501	HCR-1501	HC-156	HCR-165ES	HCR-185ES	HC-331ES	HC-341ES	HCAS-236ES-LW	HCA-265ES-LW
Engine displacement (cc)	21.2	21.2	21.2	21.2	21.2	23.6	23.6	21.2	25.4
Output (kW)	0.58	0.58	0.58	0.57	0.57	0.66	0.66	0.71	0.89
Dry weight (kg)	4.9	5.1	5.1	5.1	5.3	5.8	6.1	5.9	6.5
Fuel tank capacity (L)	0.46	0.46	0.46	0.37	0.37	0.50	0.50	0.44	0.50
Fuel consumption at maximum engine power (L/h)	0.40	0.40	0.40	0.4	0.4	0.57	0.57	0.45	0.60
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	Single	Single	Double	Double
Cutting length (mm)	499	499	639	639	744	728	973	519	519
Cutter pitch (mm)	35	35	35	35	35	35	35	30	30
Cutter clearance	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable

POWER BLOWERS / SHRED 'N' VAC®

	HANDHELD	BACKPACK			SHRED 'N' VAC®
	PB-251	PB-265ESLT	PB-580	PB-770	ES-250ES
Engine displacement (cc)	25.4	25.4	58.2	63.3	25.4
Output (kW)	0.70	0.70	2.05 / 2.79	3.05	0.72
Dry weight* ³ (kg)	4.5	6.0	10.3	11.0	5.7
Fuel tank capacity (ml)	465	660	1835	2020	500
Fuel consumption at maximum engine power (l/h)	0.54	0.54	1.03	1.87	0.52
Air volume at actual usage point (m³/h) ⁴	510	558	882 ⁵	1290 ⁵	522
Maximum air speed (m/sec) ⁴	71.0	59.0	96.4 ⁵	104.6 ⁵	67.5
Start assist system	—	ES-Start	-	—	ES-Start
Throttle setting device	○	○	○	○	○
Standardised nozzle type	Flat 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-265ES
Engine displacement (cc)	25.4
Output (kW)	0.89
Dry weight ^{*7} (kg)	4.8
Length ^{*7} (mm)	1025
Fuel tank capacity (L)	0.50
Fuel consumption at maximum engine power (L/h)	0.6
Start assist system	ES-Start

*7: Unit without attachment

POWER PRUNERS®

	PPT-265ES
Engine displacement (cc)	25.4
Output (kW)	0.86
Dry weight ^{*8} (kg)	7.9
Overall length (mm)	2720-3720
Fuel tank capacity (L)	0.50
Fuel consumption at maximum engine power (L/h)	0.53
Chain oil tank capacity (L)	0.20
Start assist system	ES-Start
Telescoping shaft system	○
Optional extension shaft (feet)	4
Guide bar length (cm / inch)	30 / 12
Guide bar gauge (inch)	0.050
Saw chain pitch (inch)	3 / 8

*8: Without cutter attachment

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.



CHIPPER/SHREDDERS

7.6cm (3") CHIPPER/SHREDDER SC3342XE

- 342cc 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
- Single belt drive



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



	Engine	Size (LxWxH)	Hopper size	Chipper shredders	Chipper capacity	Start	Weight
SC3342XE	Briggs & Stratton 342cc	102x56x117cm (40"x22"x46")	30.5x56cm (12"x22")	2 chipper blades 12 shredder knives	7.6cm (3")	Recoil	105kg (232lbs)

OPTIONS: 70251 **Blower attachment**; 70494 **Wet debris screen**

7.6cm (3") CHIPPER/SHREDDER SC3265XE

- 265cc Subaru engine
- 7.6cm (3") chipping capacity
- Two reversible, heat-treated steel chipper blades
- 12 serrated shredding knives
- 4cm (1½") screen standard – three others optional
- Double-banded belt drive



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



	Engine	Size (LxWxH)	Hopper size	Chipper shredders	Chipper capacity	Start	Weight
SC3265XE	Subaru 265cc	102x56x117cm (40"x22"x46")	30.5x56cm (12"x22")	2 chipper blades 12 shredder knives	7.6cm (3")	Recoil	110kg (242lbs)

OPTIONS: 70251 **Blower attachment**; 70494 **Wet debris screen**



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 (15½"x7½")	2 chipper blades 2 double hammer flails	5cm (2")	Recoil	55kg (120lbs)



DEPEND ON IT

Countax House, Great Haseley, Oxford OX44 7PF

Tel: 0800 597 7777 // Fax: 01844 278 792 // e-mail: sales@echo-tools.com // www.echo-tools.co.uk



E&OE We reserve the right to change specifications without prior notice. © Copyright 2016. ECHO is a registered trademark