



# MASTER PRODUCT CATALOGUE 2025

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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 75 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."

# 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.



**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.



# WHY WE HAVE TWO PLATFORMS

# AND THE DIFFERENCES?



## **ECHO 56V**

The ECHO 56V battery platform provides a powerful option for professional foresters, arborists, landscapers and discerning homeowners who demand versatility and options in power sources across their fleet of outdoor power equipment. ECHO 56V means more energy, quality and professional grade performance.



## **GARDEN+ SERIES**

The Garden+ Series offers the optimal choice for gardening enthusiasts or those inspired to transform their outdoor space, providing a balance between being easy to use, 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, all tools are built for ease of use, precision and dependability. The newly released DPPF-310 power pruner and DHCA-310 long-reach hedge trimmer expand the lineup and offer the perfect solution to perfecting those difficult to reach areas. So, whether you're trimming, cutting, pruning or mowing, just 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](http://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



**CHAIN SAW**  
**DCS-310**

Rated voltage: 36.0V // Dry weight\*1: 2.9kg //  
Bar size: 30cm / 12in



**TRIMMER**  
**DSRM-310**

Rated voltage: 36.0V // Dry weight\*2: 2.35kg



**LAWN MOWER (PUSH)**  
**DLM-310/35P**

Rated voltage: 36.0V // Dry weight\*5: 14.2kg //  
Cutting swath: 350mm // Cutting height: 20-70mm



**HEDGE TRIMMER**  
**DHC-310**

Rated voltage: 36.0V // Dry weight\*3: 2.65kg  
Cutting length: 604mm



**BLOWER**  
**DPB-310**

Rated voltage: 36.0V // Dry weight\*4: 2.2kg  
Air volume: (STD)617m³/h, (Boost)685m³/h  
Max. air speed: (STD)45.8m/sec, (Boost)50.6m/sec



**LAWN MOWER (PUSH)**  
**DLM-310/46P**

Rated voltage: 36.0V // Dry weight\*5: 24.3kg //  
Cutting swath: 460mm // Cutting height: 25-80mm



**LONG-REACH HEDGE TRIMMER**  
**DHCA-310**

Rated voltage: 36.0V // Dry weight\*3: 3.60kg  
Cutting length: 488mm



**POWER PRUNER**  
**DPPF-310**

Rated voltage: 36.0V // Dry weight\*1: 3.4 / 3.0\*6kg  
Bar size: 20cm / 8in



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

Rated voltage: 36.0V // Dry weight\*5: 27.6kg //  
Cutting swath: 460mm // Cutting height: 25-80mm



## BATTERY & CHARGER



**BATTERY**  
**LBP-36-80**

Rated voltage: 36.0V // Battery type: Li-ion  
Battery capacity: 80Wh // Weight: 0.7kg



**BATTERY**  
**LBP-36-150**

Rated voltage: 36.0V // Battery type: Li-ion  
Battery capacity: 150Wh // Weight: 1.0kg



**CHARGER**  
**LC-3604**

Fits all ECHO Garden+ Series batteries.





# PROFESSIONAL

# 56V BATTERY SERIES

## POWER FOR THE PROFESSIONAL

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

## 56V EFFICIENT AND RELIABLE POWER SOURCE

The ECHO 56V 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 2.3Ah and 4.5Ah batteries are compatible across the entire range of tools (DCS-2500T is only compatible with the 2.3Ah battery). The 2.3Ah battery is light weight and ergonomic whilst the 4.5Ah battery gives you extended run times. Advanced lithium-ion technology means you get full power until the battery is completely depleted.

## TOOLS YOU CAN DEPEND ON

Alongside new technologies, the tools take full advantage of the features and quality ECHO is renowned for in the industry; including category leading light weight construction, quick loading professional grade trimmer heads and ergonomic handle designs. Unique features include Quick Draw on the DCS-2500T for hooking and unhooking your chain saw with one fluid motion and TWYND, found on the DPB-2600, which draws air equally from both sides giving more power and balance with unimpeded flow if one side becomes blocked. The newly released DCS-2500 is the lightest professional saw in our lineup and due to its incredible light weight and slimline design is unrivalled when it comes to jobs that require maneuverability, precision and power. The fusion of 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

# 56V BATTERY SERIES



**CHAIN SAW**  
DCS-2500T DCS-2500TC

Rated voltage: 50.4V // Dry weight\*1: 1.7kg //  
Bar size: 20, 25cm / 8, 10in(DCS-2500T)  
Bar size: 25cm / 10in(DCS-2500TC)



**CHAIN SAW**  
DCS-2500

Rated voltage: 50.4V // Dry weight\*1: 2.0kg //  
Bar size: 20, 25, 30cm / 8, 10, 12in



**HEDGE TRIMMER**  
DHC-2200R

Rated voltage: 50.4V // Dry weight\*3: 2.9kg //  
Cutting length: 562mm



**HEDGE TRIMMER**  
DHC-2800R

Rated voltage: 50.4V // Dry weight\*3: 3.1kg //  
Cutting length: 714mm



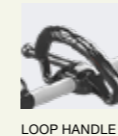
**CHAIN SAW**  
DCS-3500

Rated voltage: 50.4V // Dry weight\*1: 2.8kg //  
Bar size: 35cm / 14in



**TRIMMER**  
DSRM-2600

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



**HEDGE TRIMMER**  
DHCS-2800

Rated voltage: 50.4V // Dry weight\*3: 2.9kg //  
Cutting length: 714mm



**T-SHAPED GRASS TRIMMER**  
DTT-2100

Rated voltage: 50.4V // Dry weight\*3: 3.7kg //  
Cutting length: 464mm



**LONG-REACH HEDGE TRIMMER**  
DHCA-2600HD

Rated voltage: 50.4V // Dry weight\*3: 4.4kg //  
Cutting length: 536mm



**SHORT-REACH HEDGE TRIMMER**  
DHCAS-2600HD

Rated voltage: 50.4V // Dry weight\*3: 4.3kg //  
Cutting length: 536mm



\*1: Unit without battery, guide bar, saw chain and chain oil. \*2: Unit without battery, guard and edge guide. \*3: Unit with specified cutting attachment, without battery.



# PROFESSIONAL

# 56V BATTERY SERIES



**NEW**

**BLOWER  
DPB-2500**

Rated voltage: 50.4V // Dry weight\*1: 2.6kg //  
Blowing air force: (STD)11.8N, (Boost)\*516.0N //  
Air volume\*2: (STD)769.8m<sup>3</sup>/h, (Boost)\*5896.4m<sup>3</sup>/h //  
Max. air speed: (STD)56.7m/sec, (Boost)\*65.9m/sec

CE



**BLOWER  
DPB-2600**

Rated voltage: 50.4V // Dry weight\*1: 2.5kg //  
Blowing air force: (STD)12.8N, (Boost)16.7N //  
Air volume\*2: (STD)697m<sup>3</sup>/h, (Boost)798m<sup>3</sup>/h //  
Max. air speed: (STD)69.7m/sec, (Boost)79.5m/sec

CE E2 Posi-LOC



**PRO ATTACHMENT SERIES™  
DPAS-2600**

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

CE



3 CUTTER METAL BLADE  
AS OPTION



**NEW**

**LAWN MOWER (SELF-PROPELLED)  
DLM-5100SP**

Rated voltage: 50.4V // Dry weight\*4: 29.9kg //  
Cutting swath: 515mm // Cutting height: 25-80mm

CE



## BATTERY & CHARGER

**2.3 Ah BATTERY  
LBP-50-150**



Rated voltage: 50.4V // Battery type: Li-ion //  
Battery capacity: 113Wh // Weight: 1.0kg

CE

**4.5 Ah BATTERY  
LBP-50-250**



Rated voltage: 50.4V // Battery type: Li-ion //  
Battery capacity: 226Wh // Weight: 1.8kg

CE



**ULTRA RAPID  
CHARGER  
LCJU-560**

Battery charging time  
2.3Ah battery : 30min(80%), 42min(100%)  
4.5Ah battery : 30min(80%), 57min(100%)

Fits all ECHO professional 56V batteries series.

CE



**RAPID  
CHARGER  
LCJQ-560**

Battery charging time  
2.3Ah battery : 30min(80%), 47min(100%)  
4.5Ah battery : 60min(80%), 89min(100%)

Fits all ECHO professional 56V batteries series.

CE



\*1: Unit with blower pipes, without battery. \*2: At actual usage point (measured with blower pipes).  
\*3: Unit without battery and attachment. \*4: Unit with dry standard equipped mass without battery.  
\*5: With 4.5Ah battery.



# MORE BATTERY &

# ELECTRIC PRODUCTS

## BATTERY POWERED PRUNING SHEARS



### DPS-350

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



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



## CORDED PRODUCTS



### CHAIN SAW ACS-2200

Motor power: 2200W // Voltage: 230V // Dry weight\*1: 4.3kg // Bar size: 38.5cm



### CHAIN SAW ACS-2400

Motor power: 2400W // Voltage: 230V // Dry weight\*1: 4.95kg // Bar size: 38.5cm



### HEDGE TRIMMER HC-500

Motor power: 500W // Voltage: 230V // Dry weight: 1.9kg // Cutting length: 450mm



### HEDGE TRIMMER HCR-610

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



### 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



\*1: Unit without guide bar, saw chain and chain oil. \*2: Unit without cutting attachment and guard.



# SPECIFICATIONS

## GARDEN+

	CHAIN SAWS	POWER PRUNERS	TRIMMERS	DOUBLE-SIDED HEDGE TRIMMERS	SHAFTED HEDGE TRIMMERS	HANDHELD BLOWERS	LAWN MOWERS (PUSH)		LAWN MOWERS (SELF-PROPELLED)
	DCS-310	DPPF-310	DSRM-310	DHC-310	DHCA-310	DPB-310	DLM-310/35P	DLM-310/46P	DLM-310/46SP
Rated voltage (V)	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
Dry weight (kg)	2.9*1	3.4*1	2.35*2	2.65*3	3.60*3	2.2*4	14.2*5	24.3*5	27.6*5
Run time (min)*6	Up to 41	Up to 95	10 inch Up to 92 12 inch Up to 51	Up to 118	Up to 111	Up to 21	Up to 18	Up to 45	One battery Up to 39 Two batteries Up to 77
Chain oil tank capacity (mL)	200	80	-	-	-	-	-	-	-
Saw chain pitch (inch)	3/8	3/8	-	-	-	-	-	-	-
Guide bar gauge (inch)	0.043	0.050	-	-	-	-	-	-	-
Applicable bar length (cm / inch)	30 / 12	20 / 8	-	-	-	-	-	-	-
Nozzle type	-	-	-	-	-	Round straight	-	-	-
Air volume (m³/h)*7	-	-	-	-	-	(STD) 617 (Boost) 685	-	-	-
Max air speed (m/sec)	-	-	-	-	-	(STD) 45.8 (Boost) 50.6	-	-	-
Cutter type	-	-	Nylon cord	3 sides sharpened blade teeth	Double	-	Blade	Blade	Blade
Cutting length (mm)	-	-	254, 305	604	488	-	-	-	-
Cutter pitch (mm)	-	-	-	26	32	-	-	-	-
Cutting swath (mm)	-	-	-	-	-	-	350	460	460
Cutting height (mm)	-	-	-	-	-	-	20-70	25-80	25-80
Main shaft diameter (mm)	-	-	25.4	-	-	-	-	-	-
Vibration levels (m/s²)*10	2.5 / 2.7	0.96	5 / 6.5	2.2 / 1.7	1.4 / 1.7	0.6 / - (4Ah)	≤2.5	≤2.5	≤2.5
Sound pressure levels (dB(A))*10	85.0	84.4	83.9	84.0	85.0	89.0	82.0	84.2	84.2
Sound power levels (dB(A))*10	95.4	92.4	92.7	95.0	93.0	95.4	89.0	92.0	92.0
Un-certainty *10	(K)	Vibration levels (m/s²)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	(K <sub>pa</sub> )	Sound pressure levels (dB(A))	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	(K <sub>wa</sub> )	Sound power levels (dB(A))	3.0	3.0	3.0	3.0	3.0	2.2	0.4

## CORDED PRODUCTS

	CHAIN SAWS		TRIMMERS		DOUBLE-SIDED HEDGE TRIMMERS	
	ACS-2200	ACS-2400	EGT-350	EGT-520	HC-500	HCR-610
Motor power (W)	2200	2400	350	520	500	700
AC voltage (V)	230	230	230	230	230	230
Dry weight (kg)	4.3*8	4.95*8	2.1*9	2.9*9	1.9	3.92
Frequency (Hz)	50	50	50	50	50	50
Oil tank capacity (mL)	250	170	-	-	-	-
Saw chain pitch (inch)	3/8	3/8	-	-	-	-
Guide bar gauge (inch)	0.050	0.050	-	-	-	-
Chain type	91P056X	91P056X	-	-	-	-
Applicable bar length (cm)	38.5	38.5	-	-	-	-
Chain speed (m/s)	11	13	-	-	-	-
Chain brake	Mechanical	Mechanical	-	-	-	-
Chain tensioner	Tool free	Tool free	-	-	-	-
Cutting length (mm)	-	-	250	300	450	600
Spool type	-	-	"DA"	"D"	-	-
Rotating handle	-	-	-	-	No	Yes
Cutter type	-	-	-	-	Double	Double
Cutter pitch (mm)	-	-	-	-	18	29
Standard	CE	CE	CE	CE	CE	CE
Vibration levels (m/s²)*10	3.0	5.061	<2.5	3.9	2.6	<2.5
Sound pressure levels (dB(A))*10	97.9	83.7	82	82	88	86
Sound power levels (dB(A))*10	110	105	96	96	99	97
Un-certainty *10	(K)	Vibration levels (m/s²)	1.5	1.5	1.5	1.5
	(K <sub>pa</sub> )	Sound pressure levels (dB(A))	3.0	3.0	1.3	1.0
	(K <sub>wa</sub> )	Sound power levels (dB(A))	3.0	3.0	1.3	1.3

\*1 : Unit without battery, guide bar, saw chain and chain oil.  
 \*2 : Unit without battery, guard and edge guide.  
 \*3 : Unit with specified cutting attachment, without battery.  
 \*4 : Unit with blower pipes, without battery.  
 \*5 : Unit without battery.

\*6 : With 4Ah battery.  
 \*7 : At actual usage point (measured with blower pipes).  
 \*8 : Unit without guide bar, saw chain and chain oil.  
 \*9 : Unit without cutting attachment and guard.  
 \*10: According to test codes referred in Machinery Directive.



# SPECIFICATIONS

## PROFESSIONAL 56V BATTERY SERIES

	CHAIN SAWS				TRIMMERS		T-SHAPED GRASS TRIMMER	PRO ATTACHMENT SERIES™	DOUBLE-SIDED HEDGE TRIMMERS		SINGLE-SIDED HEDGE TRIMMERS	SHAFTED HEDGE TRIMMERS	
	DCS-2500T	DCS-2500TC	DCS-2500	DCS-3500	DSRM-2600/U	DSRM-2600/L	DTT-2100	DPAS-2600	DHC-2200R	DHC-2800R	DHCS-2800	DHCA-2600HD	DHCAS-2600HD
Rated voltage (V)	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
Dry weight (kg)	1.7*1	1.7*1	2.0*1	2.8*1	3.7*2	3.2*2	3.7*3	2.4*12	2.9*3	3.1*3	2.9*3	4.4*3	4.3*3
Run time (min)	Up to 30*6	Up to 30*6	Up to 32*6	Up to 49*7	Up to 43(SF400)*7	Up to 43(SF400)*7	Up to 80*7	-*8	Up to 96*6	Up to 96*6	Up to 92*6	Up to 103*7	Up to 103*7
Chain oil tank capacity (mL)	120	120	120	370	-	-	-	-	-	-	-	-	-
Saw chain pitch (inch)	3/8 , 1/4	1/4	0.325, 1/4	3/8	-	-	-	-	-	-	-	-	-
Guide bar gauge (inch)	0.050, 0.043	0.043	0.043	0.043	-	-	-	-	-	-	-	-	-
Applicable bar length (cm / inch)	20, 25 / 8, 10	25 / 10	20, 25, 30 / 8, 10, 12	35 / 14	-	-	-	-	-	-	-	-	-
Cutter type	-	-	-	-	-	-	Double	-	Double	Double	Single	Double	Double
Cutting length (mm)	-	-	-	-	-	-	464	-	562	714	714	536	536
Cutter pitch (mm)	-	-	-	-	-	-	30	-	38	38	38	35	35
Drive shaft type	-	-	-	-	Solid	Solid	Flexible	Flexible	-	-	-	Flexible	Flexible
Drive shaft diameter (mm)	-	-	-	-	7.0	7.0	6.1	6.1	-	-	-	6.1	6.1
Main pipe diameter (mm)	-	-	-	-	25.0	25.0	25.0	25.0	-	-	-	25.0	25.0
Gear reduction ratio	-	-	-	-	1.62	1.62	4.88	-	6.86	6.86	6.86	4.60	4.60
Vibration levels (m/s <sup>2</sup> )*10	3.3 / 4.3	3.3 / 4.3	3.8 / 2.1(A4S) 2.6 / 2.2(80TXL)	3.03 / 2.83*6 2.20 / 2.45*7	2.1 / 1.4	1.3 / 1.5	2.7 / 0.9	-	3.2 / 3.4	2.3 / 3.3	3.2 / 3.0	4.3 / 3.3	3.7 / 2.0
Sound pressure levels (dB(A))*10	88.6	88.6	72.4	98.6	80.7	78.5	86.3	-	86.0	86.2	89.6	83.4	86.2
Sound power levels (dB(A)) *10	98.2	98.2	92.4	106.6	91.0	92.6	96.8	-	94.0	94.2	97.6	91.6	91.8
Un-certainty *10	(K)	Vibration levels (m/s <sup>2</sup> )	1.5	1.5	1.5	1.5	1.5	-	1.5	1.5	1.5	1.5	1.5
	(K <sub>pa</sub> )	Sound pressure levels (dB(A))	3.0	3.0	3.0	3.0	3.0	-	3.0	3.0	3.0	3.0	3.0
	(K <sub>wa</sub> )	Sound power levels (dB(A))	3.0	3.0	3.0	3.0	3.0	-	2.0	0.6	1.2	0.8	1.1

	HANDHELD BLOWERS		LAWN MOWER (SELF-PROPELLED)		
	DPB-2500	DPB-2600	DLM-5100SP		
Rated voltage (V)	50.4	50.4	50.4		
Dry weight (kg)	2.6*4	2.5*4	29.9*5		
Run time (min)	Up to 26*7	Up to 20*7	Up to 157*11		
Nozzle type	Round straight	Round straight	-		
Blowing air force (N)	(STD)11.8 / ( Boost)16.0*7	(STD)12.8 / ( Boost)16.7	-		
Air volume (m <sup>3</sup> /h)*9	(STD)769.8 / (Boost)896.4*7	(STD)697 / (Boost)798	-		
Max. air speed (m/sec)	(STD)56.7 / (Boost)65.9*7	(STD)69.7 / (Boost)79.5	-		
Cutter type	-	-	Blade		
Cutting length (mm)	-	-	-		
Cutter pitch (mm)	-	-	-		
Cutting swath (mm)	-	-	515		
Cutting height (mm)	-	-	25 - 80		
Drive shaft type	-	-	-		
Drive shaft diameter (mm)	-	-	-		
Main pipe diameter (mm)	-	-	-		
Gear reduction ratio	-	-	-		
Vibration levels (m/s <sup>2</sup> )*10	≤2.5	0.9 / 0.6	≤2.5		
Sound pressure levels (dB(A))*10	77.6	82.0	81.4		
Sound power levels (dB(A)) *10	94.5	93.3	94.3		
Un-certainty *10	(K)	Vibration levels (m/s <sup>2</sup> )	1.5	1.5	1.5
	(K <sub>pa</sub> )	Sound pressure levels (dB(A))	3.0	3.0	3.0
	(K <sub>wa</sub> )	Sound power levels (dB(A))	3.0	3.0	3.0

\*1 : Unit without battery, guide bar, saw chain and chain oil.  
 \*2 : Unit without battery, guard and edge guide.  
 \*3 : Unit with specified cutting attachment, without battery.  
 \*4 : Unit with blower pipes, without battery.  
 \*5 : Unit with dry standard equipped mass without battery.  
 \*6 : With 2.3Ah battery.  
 \*7 : With 4.5Ah battery.

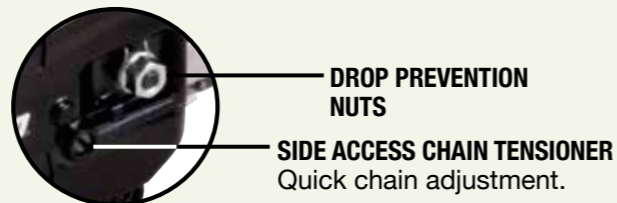
\*8 : See Pro attachments series attachment run time.  
 \*9 : At actual usage point (measured with blower pipes).  
 \*10: According to test codes referred in Machinery Directive.  
 \*11: With two 4.5Ah battery.  
 \*12: Unit without battery and attachment.



# 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 73.5cm<sup>3</sup> with the inclusion of the CS-7310SX. The new DCS-2500 is the battery version of the renowned CS-2511WES, providing equivalent power and performance whilst weighing just 2.0 kg. The incredibly slimline and balanced design provides easy handling and maneuverability, making it perfect for a wide range of jobs. 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.



**0.043 GAUGE GUIDE BAR AND CHAIN**

**OILER ADJUSTMENT ON TOP**  
 For easy chain oil adjustment.

**ACTION LOCK-OUT**  
 Prevents accidental starting.

**FLIP LEVER CAP OPENING**  
 Easy oil refilling.

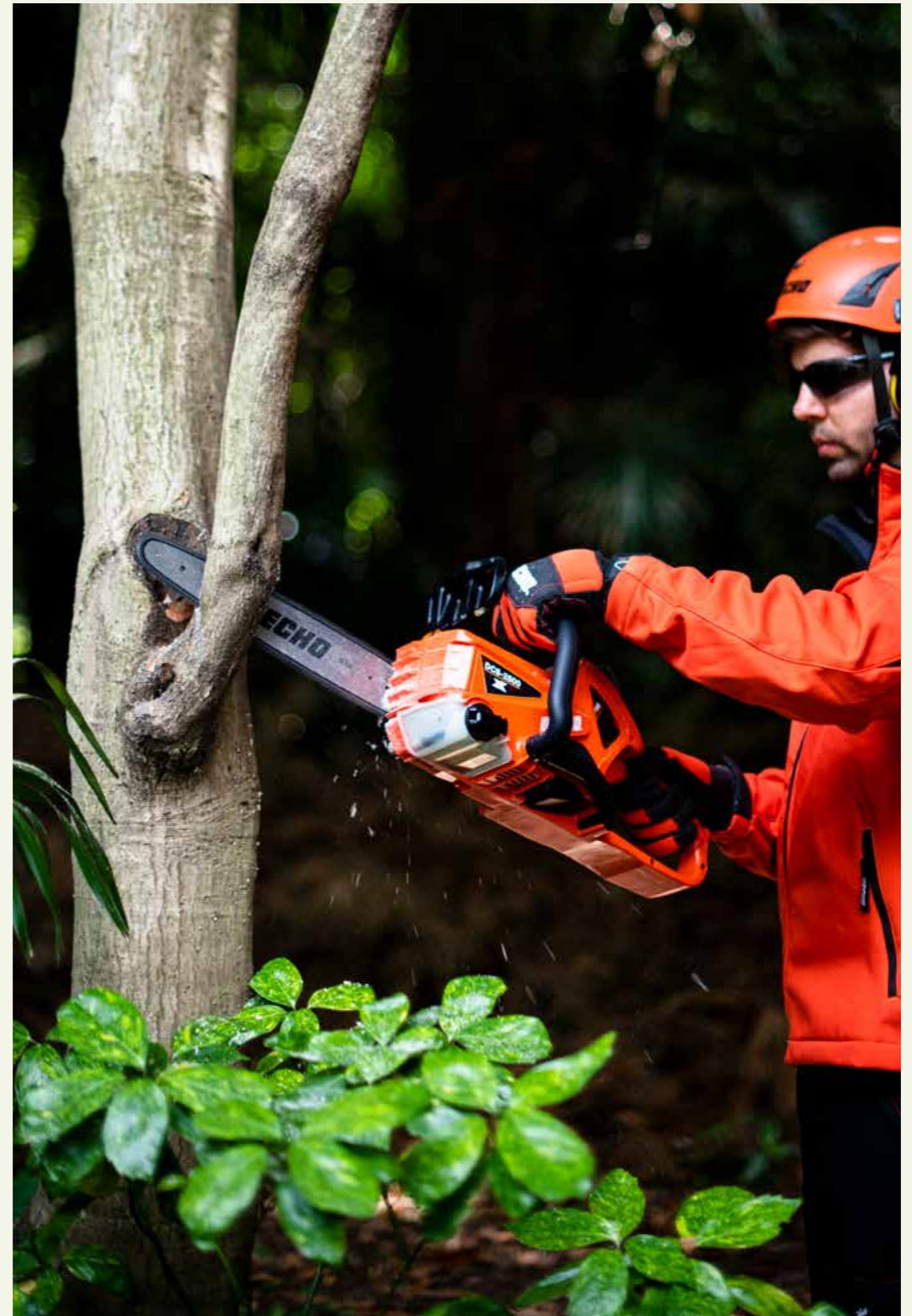


**PALM REST WITH ERGONOMIC HANDLE**  
 For precise control and comfort.



**ADVANCED FILTRATION AND COOLING SYSTEM**  
 Keeps your saw operating at peak performance.

**DCS-2500**





# CHAIN SAWS TOP HANDLE



## DCS-2500T DCS-2500TC

Lightest professional battery top handle pruning saw of its kind. With the game-changing "Quick-Draw".

Rated voltage: 50.4V // Dry weight<sup>\*1</sup>: 1.7kg // Bar size: 20, 25cm / 8, 10in(DCS-2500T) Bar size: 25cm / 10in(DCS-2500TC)



## CS-2511TES

The ultimate professional petrol saw for pruning and small removals. The most powerful and lightest of its kind and packed with features.

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps // Dry weight<sup>\*2</sup>: 2.3kg // Bar size: 20, 25, 30cm / 8, 10, 12in



Carving Bar

## CS-280TESC

Lightweight, Top-handle pruning saw with proven performance and reliability. C version features carving bar as standard.

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps // Dry weight<sup>\*2</sup>: 3.0kg // Bar size: 25cm / 10in



## CS-3000

Robust, reliable classic top-handle chainsaw that's great for all-round usage. Perfect for daily commercial use.

Engine displacement: 30.1cm<sup>3</sup> // Output: 1.04kW / 1.41ps // Dry weight<sup>\*2</sup>: 3.4kg // Bar size: 30, 35cm / 12, 14in



Carving Bar

## CS-2511TESC

The ultimate professional petrol saw for pruning and small removals. C version features a lightweight carving bar as standard for intricate pruning.

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.11kW / 1.51ps // Dry weight<sup>\*2</sup>: 2.3kg // Bar size: 20, 25cm / 8, 10in



## CS-303T

European configuration.

Engine displacement: 30.1cm<sup>3</sup> // Output: 1.04kW / 1.41ps // Dry weight<sup>\*2</sup>: 3.5kg // Bar size: 30cm / 12in



## CS-360TES

Light-weight, top-handle chainsaw with great torque. Great for removals and pruning.

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.62kW / 2.20ps // Dry weight<sup>\*2</sup>: 3.6kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-280T

Lightweight, Top-handle pruning saw with proven performance and reliability.

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps // Dry weight<sup>\*2</sup>: 3.0kg // Bar size: 25, 30, 35cm / 10, 12, 14in



## CS-280TES

Lightweight, Top-handle pruning saw with proven performance and reliability, featuring ECHO's "Easy Start" technology.

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.07kW / 1.46ps // Dry weight<sup>\*2</sup>: 3.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## CS-362TES

Well-balanced removal arborist saw packed with features. Features improved acceleration and emissions.

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.50kW / 2.04ps // Dry weight<sup>\*2</sup>: 3.6kg // Bar size: 30, 35cm / 12, 14in



Accessories on page 38  
Batteries & Chargers on page 19

\*1: Unit without battery, guide bar, saw chain and chain oil. \*2: Unit without guide bar, saw chain, chain oil and fuel.



# CHAIN SAWS



## DCS-2500

The lightest professional, rear-handle battery chainsaw on the market. Versatility and maneuverability in your hands.

Rated voltage: 50.4V // Dry weight\*1: 2.0kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## CS-2511WES

Lightest professional petrol rear-handle chainsaw on the market. True versatility and maneuverability.

Engine displacement: 25.0cm<sup>3</sup> // Output: 1.12kW / 1.52ps // Dry weight\*2: 2.6kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## CS-3510AC

Ultra-light farm all-rounder chainsaw, featuring ECHO's patented hassle-free starting system. Perfect for limbing, firewood or smaller tree felling.

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.51kW / 2.05ps // Dry weight\*2: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-3510L

Lightest of its kind farmer saw with agile, high-performance engine. Perfect for limbing, firewood or smaller tree felling.

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.60kW / 2.18ps // Dry weight\*2: 3.6kg // Bar size: 35, 40cm / 14, 16in



## CS-281WES

The CS-281WES is a light-weight, highly maneuverable petrol chain saw, ideal for pruning and hedging.

Engine displacement: 26.9cm<sup>3</sup> // Output: 1.09kW / 1.48ps // Dry weight\*2: 3.1kg // Bar size: 20, 25, 30cm / 8, 10, 12in



## DCS-310

Versatile and light weight battery chain saw for garden enthusiasts or farmers.

Rated voltage: 36.0V // Dry weight\*1: 2.9 // Bar size: 30cm / 12in



## CS-350WES

Lightweight professional petrol chain saw, ideal for all-round use.

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.48kW / 2.01ps // Dry weight\*2: 3.6kg // Bar size: 40cm / 16in



## CS-361WES

Light-weight professional petrol chain saw with a slimline body for extra maneuverability.

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.66kW / 2.26ps // Dry weight\*2: 3.7kg // Bar size: 40cm / 16in



## CS-310ES

Small, light, powerful and dependable. An entry level petrol chain saw built for professionals.

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.1kW / 1.5ps // Dry weight\*2: 4.0kg // Bar size: 30, 35cm / 12, 14in



## CS-3510ES

Lightest of its kind farmer saw with agile, high-performance, easy to start engine. Perfect for limbing, firewood or smaller tree felling.

Engine displacement: 34.4cm<sup>3</sup> // Output: 1.51kW / 2.05ps // Dry weight\*2: 3.7kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## CS-362WES

Designed for maneuverability and precision. Ideal for pruning and limbing. Chrome plating for professional-grade durability and packed with features.

Engine displacement: 35.8cm<sup>3</sup> // Output: 1.49kW / 2.03ps // Dry weight\*2: 3.8kg // Bar size: 30, 35, 40cm / 12, 14, 16in



## DCS-3500

Powerful and versatile, professional battery chainsaw. Giving performance comparable 35 - 40cm<sup>3</sup> petrol saw.

Rated voltage: 50.4V // Dry weight\*1: 2.8kg // Bar size: 35cm / 14in





# CHAIN SAWS



## CS-4010

Light but packed with torque. A farming saw with almost all possible features as standard. Ideal for limbing, cutting firewood and mid-size tree felling.

Engine displacement: 41.6cm<sup>3</sup> // Output: 1.91kW / 2.60ps // Dry weight\*1: 4.2kg // Bar size: 38, 45cm / 15, 18in



## CS-4010EC

Simplest starting farmer chainsaw on the market with full feature set as standard. Ideal for limbing, cutting firewood and mid-size tree felling.

Engine displacement: 41.6cm<sup>3</sup> // Output: 1.91kW / 2.60ps // Dry weight\*1: 4.2kg // Bar size: 38, 45cm / 15, 18in



## CS-501SXH WITH HEATED HANDLE

Powerful and light weight, professional saw that's ideal for felling. The H model features a heated handle.

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps // Dry weight\*1: 4.9kg // Bar size: 40, 45, 50cm / 16, 18, 20in



## CS-590

Light weight, professional saw renowned for its performance and dependability.

Engine displacement: 59.8cm<sup>3</sup> // Output: 2.98kW / 4.05ps // Dry weight\*1: 6.0kg // Bar size: 40, 45, 50cm / 16, 18, 20in



## CS-4310SX

The most powerful and lightest chain saw in its class with an outstanding patented air filtration system.

Engine displacement: 42.9cm<sup>3</sup> // Output: 2.30kW / 3.13ps // Dry weight\*1: 4.3kg // Bar size: 33, 35, 40, 45cm / 13, 14, 16, 18in



## CS-4510ES

Powerful and very smooth farmer saw for intense tasks. Featuring many of ECHO's "comfort" features as standard.

Engine displacement: 45.0cm<sup>3</sup> // Output: 2.3kW / 3.1ps // Dry weight\*1: 5.0kg // Bar size: 33, 38, 45, 50cm / 13, 15, 18, 20in



## CS-620SX

Heavy-duty, professional felling saw with outstanding torque.

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.3kW / 4.5ps // Dry weight\*1: 6.2kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in



## CS-621SX

Heavy-duty, professional felling saw with outstanding torque. The successor to the CS-620SX, features improved performance.

Engine displacement: 59.8cm<sup>3</sup> // Output: 3.2kW / 4.4ps // Dry weight\*1: 6.3kg // Bar size: 45, 50, 60cm / 18, 20, 24in



## CS-4920

High power and low weight chainsaw for nearly every task a landowner has to tackle. Most of ECHO's comfort features come as standard.

Engine displacement: 50.1cm<sup>3</sup> // Output: 2.5kW / 3.4ps // Dry weight\*1: 5.0kg // Bar size: 33, 38, 45, 50cm / 13, 15, 18, 20in



## CS-501SX

Powerful and light weight, professional saw that's ideal for felling.

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.57kW / 3.50ps // Dry weight\*1: 4.7kg // Bar size: (33), 40, 45, 50cm / (13), 16, 18, 20in



## CS-680S

Super robust, heavy-duty felling saw that's a firm favourite amongst professionals.

Engine displacement: 66.8cm<sup>3</sup> // Output: 3.46kW / 4.70ps // Dry weight\*1: 6.6kg // Bar size: 40, 45, 50, 60, 70cm / 16, 18, 20, 24, 28in



## CS-7310SX

Heavy-duty, professional felling saw with outstanding air-filtration system and renowned for its dependability.

Engine displacement: 73.5cm<sup>3</sup> // Output: 4.1kW / 5.6ps // Dry weight\*1: 6.7kg // Bar size: 45, 50, 60, 70cm / 18, 20, 24, 28in





# SPECIFICATIONS

## CHAIN SAWS

	TOP HANDLE SAWS						TOP HANDLE SAWS							
	CS-2511TES		CS-2511TESC	CS-280T		CS-280TES	CS-280TES	CS-280TESC		CS-3000	CS-303T	CS-306TES	CS-362TES	
Configuration]	EU, TUR	KOR, BASIC	EU, TUR	EU	TWN, KOR	EU, TUR, CHN		TWN, KOR	EU	TWN, KOR	BASIC	EU	BASIC	EU, TUR
Engine displacement (cm <sup>3</sup> )	25.0	25.0	25.0	26.9	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	1.07 / 1.46	1.08 / 1.47	1.07 / 1.46		1.08 / 1.47	1.07 / 1.46	1.08 / 1.47	1.04 / 1.41	1.04 / 1.41	1.62 / 2.20	1.50 / 2.04
Dry weight (kg)*1	2.3	2.3	2.3	3.0	2.9	3.0		2.9	3.0	2.9	3.4	3.5	3.6	3.6
Fuel tank capacity (mL)	190	190	190	240	240	240		240	240	240	250	250	330	330
Chain oil tank capacity (mL)	140	140	140	160	160	160		160	160	160	150	150	243	243
Fuel consumption at maximum engine power (L/h)	0.68	0.68	0.68	0.68	0.69	0.68		0.69	0.68	0.69	0.82	0.56	1.10	0.88
Priming pump	○	○	○	○	○	○		○	○	○	○	○	○	○
Ignition system	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
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	Front	Side	Side	Side
Saw chain pitch (inch)	3/8	3/8	1/4	3/8	3/8	3/8, 1/4		3/8, 1/4	1/4	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, 0.043		0.050, 0.043	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 / 8, 10	20, 25 / 8, 10	25 / 10	25, 30, 35 / 10, 12, 14	20, 25, 30 / 8, 10, 12		25, 30, 35 / 10, 12, 14	25 / 10	25 / 10	30, 35 / 12, 14	30 / 12	30, 35, 40 / 12, 14, 16	30, 35 / 12, 14
Vibration Front handle / Rear handle (m/s <sup>2</sup> )*2	4.8 / 4.0	-	4.8 / 4.0	3.9 / 4.2	-	3.9 / 4.2		-	3.9 / 4.2	-	-	4.0 / 3.7	-	3.8 / 4.2
Sound pressure level (dB(A))*2	99.7	-	99.7	98.9	-	98.9		-	98.9	-	-	99.1	-	99.6
Sound power level (dB(A))*2	108.9	-	108.9	107.6	-	107.6		-	107.6	-	-	108.9	-	108.9
Un-certainty *2	(K)	Vibration levels (m/s <sup>2</sup> )		1.5	-	1.5	1.3	-	1.3	-	-	1.3	-	1.3
	(K <sub>ps</sub> )	Sound pressure levels (dB(A))		3.0	-	3.0	1.5	-	1.5	-	-	1.5	-	1.5
	(K <sub>pw</sub> )	Sound power levels (dB(A))		3.0	-	3.0	1.0	-	1.0	-	-	1.0	-	1.0

	CHAIN SAWS						CHAIN SAWS								
	CS-2511WES	CS-281WES	CS-310ES	CS-3510ES	CS-3510AC		CS-3510L	CS-350WES	CS-361WES	CS-362WES	CS-4010	CS-4010EC	CS-4310SX	CS-4510ES	
Configuration	EU, TUR	BASIC	EU, TUR	EU, AUS	EU, AUS, TUR	EU		BASIC	KOR	BASIC	EU, TUR	EU	EU	EU	EU, TUR
Engine displacement (cm <sup>3</sup> )	25.0	25.0	26.9	30.5	34.4	34.4		34.4	35.8	35.8	35.8	41.6	41.6	42.9	45.0
Output (kW / ps)	1.12 / 1.52	1.11 / 1.51	1.09 / 1.48	1.1 / 1.5	1.51 / 2.05	1.51 / 2.05		1.60 / 2.18	1.48 / 2.01	1.66 / 2.26	1.49 / 2.03	1.91 / 2.60	1.91 / 2.60	2.30 / 3.13	2.3 / 3.1
Dry weight (kg)*1	2.6	2.6	3.1	4.0	3.7	3.8		3.6	3.6	3.7	3.8	4.2	4.2	4.3	5.0
Fuel tank capacity (mL)	190	190	240	250	280	280		280	370	320	320	350	350	400	480
Chain oil tank capacity (mL)	140	140	160	260	230	230		230	230	230	230	230	230	270	330
Fuel consumption at maximum engine power (L/h)	0.67	0.67	0.70	0.68	0.85	0.85		1.13	0.98	1.05	0.86	1.04	1.04	1.24	1.19
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	3/8 (1/4)	3/8	3/8	3/8		3/8	3/8	3/8	3/8 (1/4)	0.325	0.325	0.325	0.325
Guide bar gauge (inch)	0.050 (0.043)	0.050	0.050	0.043, 0.050	0.043, 0.050	0.043, 0.050		0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.058, 0.050
Applicable bar length (cm / inch)	20, 25, 30 / 8, 10, 12	30 / 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	40 / 16	40 / 16	30, 35, 40(30,35) / 12, 14, 16(12,14)	38, 45 / 15, 18	38, 45 / 15, 18	33, 38, 40, 45 / 13, 14, 16, 18	33, 38, 45, 50 / 13, 15, 18, 20
Vibration Front handle / Rear handle (m/s <sup>2</sup> )*2	4.5 / 4.6	-	4.6 / 4.9	4.1 / 6.8	4.4 / 3.9	4.4 / 3.9		-	-	-	5.9 / 6.3	2.7 / 5.3	2.7 / 5.3	3.3 / 3.1	3.3 / 3.2
Sound pressure level (dB(A))*2	98.5	-	97.8	98.2	101.0	101.0		-	98	-	100.3	100.4	100.4	102	101.1
Sound power level (dB(A))*2	108.5	-	106.9	106.6	110.2	110.2		-	-	-	109.4	109.4	109.4	111.2	110.3
Un-certainty *2	(K)	Vibration levels (m/s <sup>2</sup> )		1.3	-	1.3	1.5	-	1.5	-	1.3	1.3	1.3	1.3	1.5
	(K <sub>ps</sub> )	Sound pressure levels (dB(A))		1.5	-	1.5	1.5	3.0	3.0	-	1.5	1.5	1.5	1.5	3.0
	(K <sub>pw</sub> )	Sound power levels (dB(A))		1.0	-	1.0	1.0	3.0	3.0	-	1.0	1.0	1.0	1.0	3.0

\*1: Unit without guide bar, saw chain, chain oil and fuel.  
\*2: Measured in accordance with ISO 22867, 22868.



# SPECIFICATIONS

## CHAIN SAWS

	CHAIN SAWS						CHAIN SAWS		
	CS-4920	CS-501SX	CS-501SXH	CS-590	CS-620SX	CS-621SX	CS-680S	CS-7310SX	
Configuration	EU	EU	EU	EU, AUS, TUR	BASIC	EU, TUR	BASIC	EU, TUR	
Engine displacement (cm <sup>3</sup> )	50.1	50.2	50.2	59.8	59.8	59.8	66.8	73.5	
Output (kW / ps)	2.5 / 3.4	2.57 / 3.50	2.57 / 3.50	2.98 / 4.05	3.3 / 4.5	3.2 / 4.4	3.46 / 4.70	4.1 / 5.6	
Dry weight (kg)*1	5.0	4.7	4.9	6.0	6.2	6.3	6.6	6.7	
Fuel tank capacity (mL)	480	500	500	645	645	650	640	800	
Chain oil tank capacity (mL)	330	280	280	300	300	300	370	360	
Fuel consumption at maximum engine power (L/h)	1.32	1.54	1.54	1.75	2.05	1.81	2.35	2.33	
Priming pump	○	-	-	-	-	-	-	-	
Ignition system	CDI	CDI	CDI	CDI	CDI	CDI	CDI	CDI	
Start assist system	ES-Start	Decomp	Decomp	Decomp	Decomp	Decomp	-	Decomp	
Chain brake	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	Inertia	
Choke w/ automatic fast idle release	○	○	○	○	○	○	○	○	
Chain tensioner	Side	Side	Side	Side	Side	Side	Side	Side	
Saw chain pitch (inch)	0.325	0.325	0.325	3/8	3/8	3/8	3/8	3/8	
Guide bar gauge (inch)	0.050	0.058, 0.050	0.058	0.058	0.058	0.058	0.058	0.058	
Applicable bar length (cm / inch)	33, 38, 45, 50 / 13, 15, 18, 20	40, 45, 50 (33) / 16, 18, 20 (13)	40, 45, 50 / 16, 18, 20	40, 45, 50 / 16, 18, 20	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	
Vibration Front handle / Rear handle (m/s <sup>2</sup> )*2	3.5 / 3.4	5.5 / 5.8	5.2 / 5.4	5.0 / 4.9	-	4.5 / 3.2	-	4.6 / 4.3	
Sound pressure level (dB(A))*2	102.5	105.5	102.6	102.7	-	103.2	-	104.6	
Sound power level (dB(A))*2	111.8	113.1	112.2	113.3	-	113.7	-	117.5	
Un-certainty *2	(K)	Vibration levels (m/s <sup>2</sup> )		1.3	1.5	1.3	1.5	-	1.5
	(K <sub>ps</sub> )	Sound pressure levels (dB(A))		1.5	3.0	1.5	3.0	-	3.0
	(K <sub>ps</sub> )	Sound power levels (dB(A))		1.0	3.0	1.0	3.0	-	3.0

\*1: Unit without guide bar, saw chain, chain oil and fuel.  
\*2: Measured in accordance with ISO 22867, 22868.



# 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	X200-000021	EU		
			25		C25HA4-60CL-ED	X101-000210			60		X201-000021			
CS-2511TES	0.050	3/8	20	C	C20S91-35SA-ET	X120-000021	Laminate	Sprocket	35	91PX	X220-000020	EU, TR, KR, BASIC		
			25		C25S91-40SL-ET	X121-000003			40		X221-000100			
CS-2511TESC	0.050	1/4	20	C	C20H25-52CL-ED	X100-000060	Solid	Hard	52	25AP	X200-000000	EU		
			25		C25H25-60CL-ED	X101-000011			60		431610-10030			
			25		C25H25-60CLD-ED	X101-000200			60		431610-10030			
	0.043	20	C20HA4-52CL-ED		X100-000070	52			A4S	X200-000021	EU			
		25	C25HA4-60CL-ED		X101-000210	60				X201-000021				
		25	C25HA4-60CL-ED		X101-000210	60				X201-000021				
CS-280T	0.050	3/8	25	C	C25S91-40SL-ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	EU		
			30		C30S91-47ML-EC	X122-000341			47		91VXL		X222-000130	TW, KR
			35		C35S91-53ML-EC	X123-000551			53		91VXL		X223-000080	
CS-280TES	0.050	3/8	25	C	C25S91-40SL-ET	X121-000003	Laminate	Sprocket	40	91PX	X221-000100	EU, TR, CN		
			30		C30S91-47ML-EC	X122-000341			47		91VXL		X222-000130	TW, KR
			35		C35S91-53ML-EC	X123-000551			53	91VXL	X223-000080	TW, KR		
	0.043	1/4	20		C20HA4-52CL-ED	X100-000070			52	A4S	X200-000021	EU		
			25		C25HA4-60CL-ED	X101-000210			60		X201-000021			
CS-280TESC	0.050	1/4	25	C	C25H25-60CLD-ED	X101-000200	Solid	Hard	60	25AP	431610-10030	EU, TW, KR		
CS-3000	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000130	EU		
			35		C35S91-53ML-EC	X123-000551			53		91VXL		X223-000080	BASIC
CS-303T	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000140	EU		
CS-360TES	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91VXL	X222-000130	BASIC		
			35		C35S91-53ML-EC	X123-000551			53		X223-000080			
			40		C40S91-58AA-ET	430211-13433			58		X224-000030		BASIC	
			30		C30S91-47ML-EC	X122-000341			47		91PX		X222-000140	EU
35	C35S91-53ML-EC	X123-000551	53	91PX	X223-000130									

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-362TES	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		
		1/4	30		C30H25-68CL-ED	X102-000071	Solid	Hard	68	25AP	431611-10030		
			35		C35H25-76CL-ET	X103-000111			76	25AP	431612-10030		
DCS-2500	0.043	0.325	25	C	C25S80-46MA-EB	X121-000300	Laminate	Sprocket	46	80TXL	X211-000000	EU	
			30		C30S80-51MA-EB	X122-000570			51		X212-000000		
		1/4	25		C25SA4-60CL-ED	X121-000250	Solid	Hard	60	A4S	X201-000021		
			30		C30SA4-68CL-ED	X122-000440			68		X202-000031		
			20		C20HA4-52CL-ED	X100-000070			52		X200-000021		
			25		C25HA4-60CL-ED	X101-000210			60		X201-000021		
			30		C30HA4-68CL-ED	X102-000110			68		X202-000031		
			20		C20HA4-52CL-ED	X100-000070			52		X200-000021		
CS-2511WES	0.043	1/4	20	C	C20SA4-52CL-ED	X120-000090	Laminate	Sprocket	52	A4S	X200-000021	EU	
			25		C25SA4-60CL-ED	X121-000250			60		X201-000021		
			30		C30SA4-68CL-ED	X122-000440			68		X202-000031		
		0.050	3/8		20	C20S91-35SA-ET			X120-000021	35	X220-000020		
					25	C25S91-40SL-ET			X121-000003	40	91PX	X221-000100	
					30	C30S91-47ML-EC			X122-000341	47	X222-000140	BASIC, TR	
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		
		30	C30S91-47ML-EC		X122-000341	47			X222-000140				
DCS-310	0.043	3/8	30	C	12A4CD3745	X122-000520	Laminate	Sprocket	45	90PX	X222-000150	EU	
			35		C35S91-53ML-EC	X123-000551			53		91VXL		X223-000080
CS-362WES	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91PX	X222-000130	EU	
			35		C35S91-53AL-ET	430219-38733			53		91PX		X223-000130
		1/4	40		C40S91-58AA-ET	430211-13433	Solid	Hard	58	91VXL	X224-000070		
			30		C30H25-68CL-ED	X102-000071			68	25AP	431611-10030		
CS-310ES	0.050	3/8	30	C	C30S91-47ML-EC	X122-000341	Laminate	Sprocket	47	91VXL	X222-000130	EU, AS	
			35		C35S91-52SA-ET	X123-000231			52		91VXL		X223-000150
		0.043	30		C30S90-45SA-ET	X122-000181			45		90PX		X222-000150
			35		C35S91-53ML-EC	X123-000551			53		91VXL		X223-000080



# 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-3510ES CS-3510AC	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, AS, TR	
			35		C35S91-53ML-EC	X123-000551			53	91VXL	X222-000130		
					40	C40S91-58AL-ET				X124-000720	58		91PX
			16A0CD3757			X124-000750			57	91VXL			X224-000020
CS-3510L	0.050	3/8	35	C	C35S91-53ML-EC	X123-000551	Laminate	Sprocket	53	91VXL	X223-000080	BASIC	
DCS-3500	0.043	3/8	40	C	C40S91-58AL-ET	X124-000720	Laminate	Sprocket	58	91VXL	X224-000030		
CS-4010 CS-4010EC	0.050	0.325	35	C	C35S90-52SA-ET	X123-000231	Laminate	Sprocket	52	90PX	X223-000150	EU	
			38	Y	Y38S20-64ML-ED	X123-000670	Laminate	Sprocket	64	95TXL	X243-000020	EU	
			45	Y	Y45S20-72ML-ED	X125-000440			72		X245-000060		
			38	B	B38S95-64ML-EB	X123-000760			64		X243-000020		
45	B	B45S95-72ML-EB	X125-000510	72	X245-000060								
CS-4310SX	0.050	0.325	33	Y	Y33R20-56ML-ED	X122-000470	Solid	Sprocket (X160-000020)	56	95TXL	X242-000010	EU	
			35		Y35R20-60ML-ED	X123-000730			60		X243-000010		
			40		Y40R20-68ML-ED	X124-000770			68		X244-000110		
			45		Y45R20-72AL-ED	X125-000490			72		X245-000060		
CS-4510ES	0.058	0.325	33	Y	Y33S21-56ML-ED	X122-000390	Laminate	Sprocket	56	21BPX	431713-30231	TR	
			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		
			45		Y45R21-72AA-ET	X125-000420			72		431717-30231		
	0.050	50	Y50R21-80AA-ET	X126-000320	80	431712-30231							
		33	Y33S20-56ML-ED	X122-000410	56	X242-000010	EU						
		38	Y38S20-64ML-ED	X123-000670	64	X243-000020							
		45	Y45S20-72ML-ED	X125-000440	72	X245-000060							
		50	Y50S20-80AL-ED	X126-000350	80	X246-000140							
		33	B	B33S95-56ML-EB	X122-000540	56		X242-000010					
38	B	B38S95-64ML-EB	X123-000760	64	X243-000020								
CS-4920	0.050	0.325	45	B	B45S95-72ML-EB	X125-000510	Laminate	Sprocket	72	95TXL	X245-000060	EU	
			50	Y	Y50S20-80AL-ED	X126-000350	80	X246-000140					

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-501SX	0.050	0.325	33	Y	Y33R20-56ML-ED	X122-000470	Solid	Sprocket (X160-000020)	56	95TXL	X242-000010	EU								
			40		Y40R20-68ML-ED	X124-000770			68		X244-000110									
			45		Y45R20-72AL-ED	X125-000490			72		X245-000060									
			50		Y50R20-80AL-ED	X126-000450			80		X264-000140									
			45		V	V45R20-72AA1-ET			X125-000251		72		X245-000060							
CS-501SX CS-501SXH	0.058	0.325	40	V	V40R21-68AA-ED	X124-000691	Solid	Sprocket (X160-000090)	68	21BPX	431711-38331	AS, TR								
			45		V45R21-72AA1-ET	430517-30134			72		431717-30231									
					V45R21-72AA-ED	X125-00352			80		431712-30231									
			50		V50R21-80AA-ED	X126-000292					Sprocket (X160-000090)									
CS-590	0.058	3/8	40	S	S40S73-60AA-ED	X124-000481	Laminate	Sprocket	60	73LPX	X264-000060	EU								
			45		S45S73-64AA-ED	X125-000171			64		X265-000060									
			50		S50S73-72AA-ED	X126-000141			72		X266-000060									
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		73EXL		X265-000070							
					S60R73-84AA-ED	X128-000051					84		73LPX	X266-000060	EU					
			CS-620SX CS-680S		0.058	3/8			45		S		S45R73-64AA-ED	X125-000261	Solid	Sprocket (X160-000080)	64	73LPX	X265-000060	BASIC
									50				S50R73-72AA-ED	X126-000191			72		Hard	
20D8TW3872	X106-000050	84		Sprocket (X160-000080)			X268-000040													
60	S60R73-84AA-ED			X128-000051			84	Hard	X270-000050											
70	28D8TW3892	X110-000000		92																
CS-7310SX	0.058	3/8	45	U	U45R73-68AA-ED	X125-000470	Solid	Sprocket (X160-000080)	68	73LPX	X265-000080	EU								
			50		U50R73-72AA-ED	X126-000390			72		73EXL		X265-000090							
					U60R73-84AA-ED	X128-000110					84		73LPX	X266-000060	EU					
			60		U70R73-92AA-ED	X130-000040			92		73EXL		X266-000090	EU, TR						
					73LPX	X268-000040					73EXL		X268-000060	EU, TR						



# 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.

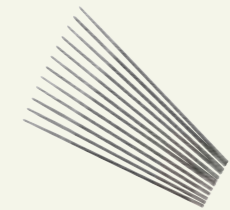


**FLAT FILE**  
99988801760

Item# C9500519

**HANDLE**  
99988801761

Item# C9500520



## ROUND FILE

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

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



## SPIKE

Model	Spike	Bolt
CS-2511TES(C)	C304-000000	V805-000240
CS-280TES(C)	C304-000070	-
CS-3510ES / CS-3510L	C304-000000	V805-000000
CS-4010 / CS-4010EC	C304-000000	V805-000000
DCS-2500 / DCS-2500T	C304-000000	V805-000240



Image: X160-000080

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

## REPLACEABLE NOSE KIT

Part# X160-000020, Part# X160-000050  
Part# X160-000080, Part# X160-000090  
Part# X160-000150



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.



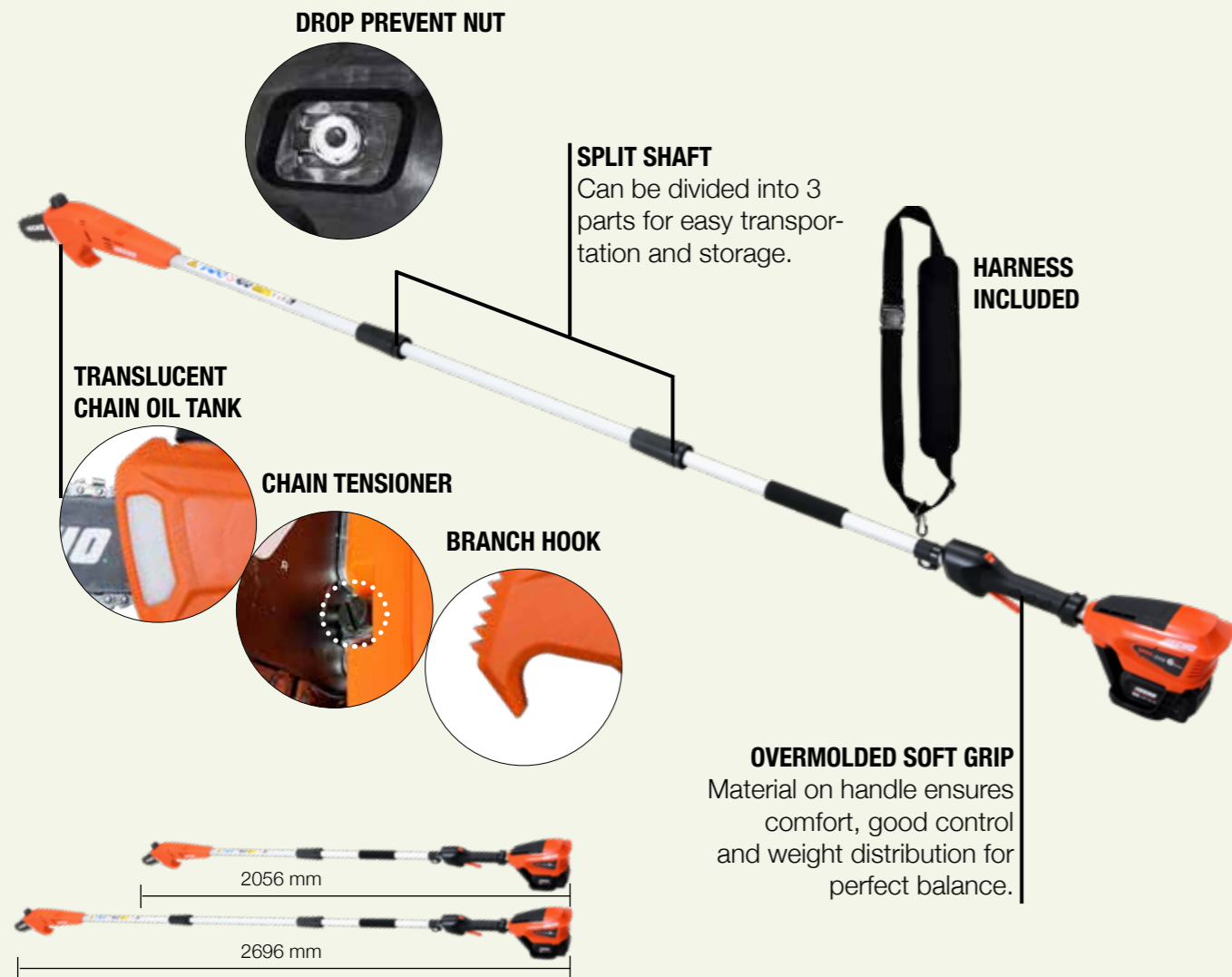
# POWER PRUNERS®

## 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.



**GARDEN+**  
SERIES



**DPPF-310**





# POWER PRUNERS® TELESCOPIC

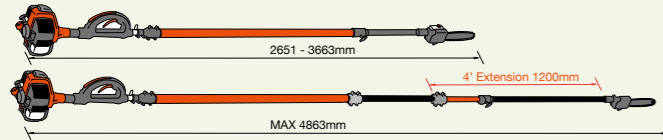


# POWER PRUNERS® FIXED



## PPT-236ES

Light weight and powerful, telescopic power pruner with ergonomic handle for maximum comfort.



Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*1: 7.7kg // Overall length: 2651-3663mm



## DPPF-310

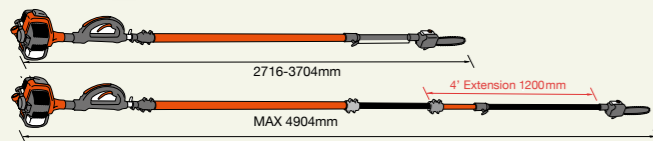
Light weight and easy to use power pruner, suitable for farm and domestic use.

Rated voltage: 36.0V // Dry weight: 3.4\*2 // Overall length: 2056 - 2696mm



## PPT-2620ES

Powerful, lightweight telescopic power pruner with ergonomic loop handle.



Engine displacement: 25.4cm<sup>3</sup> // Output: 1.04kW / 1.41ps // Dry weight\*1: 8.0kg // Overall length: 2716-3704mm



## PPF-236ES

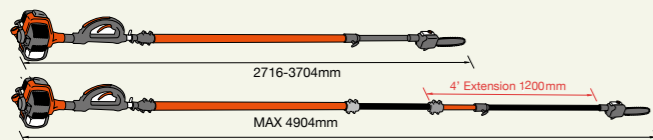
Light weight, fixed power pruner with effortless starting built for precision and power.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*1: 5.8kg // Overall length: 2388mm



## PPT-2620HES

Professional, light weight power pruner with telescopic, adjustable shaft and in-line handle. Increase your productivity with ultimate balance and power.



Engine displacement: 25.4cm<sup>3</sup> // Output: 1.04kW / 1.41ps // Dry weight\*1: 7.7kg // Overall length: 2716-3704mm



Accessories on page 48  
Batteries & Chargers on page 13

\*1: Unit without guide bar, saw chain, harness, chain oil and fuel.  
\*2: Unit without battery, guide bar, saw chain and chain oil.



# 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)	0.7 / 1.0	0.7 / 1.0	1.04 / 1.41	1.04 / 1.41
Dry weight (kg)*1	5.8	7.7	8.0	7.7
Overall length (mm)	2388	2651-3663	2716-3704	2716-3704
Fuel tank capacity (mL)	450	450	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
Vibration Left handle / Right handle (m/s²)*2	2.5 / 2.5	6.8 / 4.3	6.2 / 7.2	4.3 / 4.5
Sound pressure level (dB(A))*3	90.8	92.2	93.8	93.3
Sound power level (dB(A))*4	104.6	104.6	104.6	104.6

\*1: Unit without guide bar, saw chain, harness and empty tanks. \*2: Measured in accordance with ISO 11680. Uncertainty(K)=3.3m/s²  
 \*3: Measured in accordance with ISO 11680. Uncertainty(K<sub>pr</sub>)=2.5dB(A) \*4: Measured in accordance with ISO 11680. Uncertainty(K<sub>pr</sub>)=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



**HEDGE TRIMMER**  
**PPA-AH-HD**

Item# 28350251



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

\*Extension is only usable with chain saw attachment.





# 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.



**ECHO 56V**



**DSRM-2600**



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





# TRIMMERS & BRUSHCUTTERS

Model certified for CE
 ES-Start
 Heavy duty air filter
 U handle
 Loop handle



## DSRM-310

Light weight, easy to use battery grass trimmer. Suitable for domestic or farm use.

Rated voltage: 36.0V // Dry weight\*1: 2.35kg



## SRM-222ES

Make light work of brush with the ECHO SRM-222ES, professional grade, U handle petrol brushcutter.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*2: 4.5kg(LOOP HANDLE), 4.8kg(U HANDLE)



## SRM-237

High power low weight brushcutter. Created for optimal weight to power balance, works harder so you don't have to.

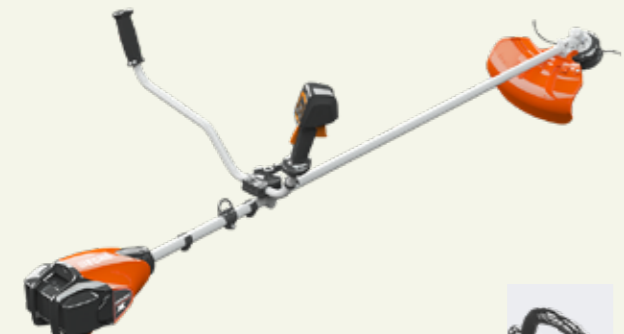
Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*2: 5.0kg(LOOP HANDLE), 5.4kg(U HANDLE)



## SRM-237TES

High power, low weight brushcutter featuring a high-torque engine for more power when tackling thicker brush.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*2: 5.1kg(LOOP HANDLE), 5.4kg(U HANDLE)



## DSRM-2600

Light weight, professional battery trimmer that provides performance comparable to a 25 cm<sup>3</sup> petrol model.

Rated voltage: 50.4V // Dry weight\*1: 3.2kg(LOOP HANDLE), 3.7kg(U HANDLE)



## SRM-2621ES

Professional, petrol trimmer with incredible combination of high power and low weight.

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight\*2: 5.5kg(LOOP HANDLE), 5.6kg(U HANDLE)



## SRM-2621TES

Professional, petrol trimmer with a high-torque gear case providing incredible combination of high power and low weight.

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight\*2: 5.7kg(LOOP HANDLE), 5.8kg(U HANDLE)



## SRM-301TES

Powerful, high-torque professional trimmer built for daily commercial work.

Engine displacement: 28.1cm<sup>3</sup> // Output: 0.9kW / 1.2ps // Dry weight\*2: 5.8kg(LOOP HANDLE), 5.9kg(U HANDLE)



## SRM-3611T

Industry leading high powered professional loop-handle brushcutter with high torque.

Engine displacement: 36.3cm<sup>3</sup> // Output: 1.4kW / 1.9ps // Dry weight\*2: 6.1kg(LOOP HANDLE), 6.3kg(U HANDLE)



## SRM-267

Professional trimmer featuring anti vibration and easy starting that's powerful and effortless to use.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps // Dry weight\*2: 5.3kg(LOOP HANDLE), 5.7kg(U HANDLE)



## SRM-3021TES

Light weight, professional powerhouse with a high-torque gear case.

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps // Dry weight\*2: 5.9kg(LOOP HANDLE), 6.0kg(U HANDLE)



## SRM-420ES-LW

Very powerful 41.5cm<sup>3</sup> professional U - handle brushcutter.

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps // Dry weight\*2: 8.0kg



\*1: Unit without battery, guard and edge guide. \*2: Unit without fuel, cutting attachment, guard and harness.

Accessories on page 60  
Batteries & Chargers on page 13, 19



# TRIMMERS & BRUSHCUTTERS



## SRM-420ES

Very powerful, professional brushcutter designed for daily commercial use.

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps // Dry weight\*1: 7.9kg(LOOP HANDLE), 8.5kg(U HANDLE)



## SRM-420TES

Very powerful, professional brushcutter with a high-torque gear case for heavy-duty trimming.

Engine displacement: 41.5cm<sup>3</sup> // Output: 1.8kW / 2.4ps // Dry weight\*1: 8.0kg(LOOP HANDLE), 8.7kg(U HANDLE)



## SRM-4510

High-powered, professional light weight brushcutter, built to take on any task.

Engine displacement: 45.7cm<sup>3</sup> // Output: 1.7kW / 2.3ps // Dry weight\*1: 7.4kg



## SRM-4605

Powerful, professional U-handle brushcutter with robust and ergonomic construction.

Engine displacement: 45.7cm<sup>3</sup> // Output: 1.7kW / 2.3ps // Dry weight\*1: 7.7kg



## SRM-520ES

Extremely powerful, professional brushcutter built for daily commercial use.

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 3.0ps // Dry weight\*1: 9.0kg



## BCLS-520ES

Extremely powerful brush cutter / clearing saw hybrid built for daily commercial use.

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 3.0ps // Dry weight\*1: 9.4kg



# CLEARING SAWS



## CLS-520ES

Extremely powerful, professional clearing saw built to take on the biggest jobs out there.

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 3.0ps // Dry weight\*1: 9.9kg



# TRIMMERS CURVED SHAFT



## GT-222ES

Light weight curved shaft trimmer, built to increase maneuverability and efficiency in domestic and farm usage.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps // Dry weight\*1: 4.3kg



# BRUSHCUTTERS BACKPACK



## RM-520ES

A low vibration professional back-pack brushcutter featuring a high tensile steel driveshaft and loop handle.

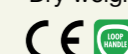
Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 3.0ps // Dry weight\*1: 11.9kg



## RM-3020T

High-power backpack brushcutter with user-friendly features.

Engine displacement: 30.5cm<sup>3</sup> // Output: 1.3kW / 1.8ps // Dry weight\*1: 9.0kg





# SPECIFICATIONS

## TRIMMERS / BRUSHCUTTERS

	CURVED SHAFT TRIMMERS	TRIMMERS		TRIMMERS / BRUSHCUTTERS		TRIMMERS / BRUSHCUTTERS		
	GT-222ES	SRM-222ES		SRM-237		SRM-237TES		
Configuration	EU, AUS	EU	EU, AUS	EU		EU		
Handle type	L	U	L	U	L	U	L	
Engine displacement (cm³)	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
Output (kW / ps)	0.7 / 1.0	0.7 / 1.0	0.7 / 1.0	0.7 / 1.0	0.7 / 1.0	0.7 / 1.0	0.7 / 1.0	
Dry weight (kg)*1	4.3	4.8	4.5	5.4	5.0	5.4	5.1	
Fuel tank capacity (mL)	400	400	400	440	440	440	440	
Fuel consumption at maximum engine power (L/h)	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
Carburettor	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	Diaphragm	
Start assist system	ES-Start	ES-Start	ES-Start	-	-	ES-Start	ES-Start	
Drive shaft type	Flexible	Flexible	Flexible	Solid	Solid	Solid	Solid	
Drive shaft diameter (mm)	6.1	6.15	6.15	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	
Gear reduction ratio	1.0	1.36	1.36	1.36	1.36	1.62	1.62	
Standardised nylon head	Type	G137 100	G138 500	G138 500	SF400	SF400	SF400	SF400
	Item number	X047-000552	X047-000561	X047-000561	SF400/E1	SF400/E1	SF400/E1	SF400/E1
Standardised metal blade	Type	-	3-cutter metal blade	-	3-cutter metal blade	-	-	
	Item number	-	P021-014310	-	P021-014310	-	-	
Vibration Left handle / Right handle (m/s²)*2	Metal blade	-	3.7 / 2.9	-	3.7 / 3.6	-	-	
	Nylon head	4.7 / 4.7	4.2 / 2.8	4.9 / 5.9	2.4 / 2.9	4.1 / 2.0	3.6 / 3.7	4.8 / 2.9
Sound pressure level (dB(A)) Blade / Nylon head*3	- / 91.5	92.7 / 90.6	- / 91.5	92.7 / 91.4	- / 90.6	- / 91.7	- / 91.0	
Sound power level (dB(A)) Blade / Nylon head*4	- / 102.9	103.8 / 102.6	- / 102.4	101.8 / 99.9	- / 99.6	- / 101.4	- / 101.6	

	TRIMMERS / BRUSHCUTTERS						TRIMMERS / BRUSHCUTTERS					
	SRM-2621ES		SRM-2621TES		SRM-267		SRM-301TES		SRM-3021TES			
Configuration	EU		EU		EU		EU		EU			
Handle type	U	L	U	L	U	L	U	L	U	L		
Engine displacement (cm³)	25.4	25.4	25.4	25.4	25.4	25.4	28.1	28.1	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	0.9 / 1.2	0.9 / 1.2	1.3 / 1.8	1.3 / 1.8		
Dry weight (kg)*1	5.6	5.5	5.8	5.7	5.7	5.3	5.9	5.8	6.0	5.9		
Fuel tank capacity (mL)	600	600	600	600	500	500	610	610	710	710		
Fuel consumption at maximum engine power (L/h)	0.61	0.61	0.61	0.61	0.60	0.60	0.65	0.65	0.72	0.72		
Carburettor	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		
Drive shaft type	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		
Main pipe diameter (mm)	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0		
Gear reduction ratio	1.36	1.36	2.07	2.07	1.36	1.36	2.07	2.07	1.62	1.62		
Standardised nylon head	Type	SF400	SF400	SF400	SF400	RAPID-LOADER-25	RAPID-LOADER-25	RAPID-LOADER-25	RAPID-LOADER-25	SF500	SF500	
	Item number	SF400/E1	SF400/E1	SF400/E1	SF400/E1	C6000229	C6000229	C6000229	C6000229	SF500/E	SF500/E	
Standardised metal blade	Type	3-cutter metal blade	-	-	-	-	-	-	-	-		
	Item number	P021-014310	-	-	-	-	-	-	-	-		
Vibration Left handle / Right handle (m/s²)*2	Metal blade	3.8 / 4.0	-	-	-	-	-	-	-	-		
	Nylon head	4.1 / 3.6	4.0 / 2.9	4.6 / 4.6	5.4 / 3.0	3.9 / 3.2	5.0 / 3.5	4.2 / 4.1	3.8 / 2.7	5.0 / 3.4	5.6 / 2.8	
Sound pressure level (dB(A)) Blade / Nylon head*3	94.5 / 94.0	- / 92.9	- / 95.5	- / 93.1	- / 94.4	- / 94.4	- / 93.0	- / 92.1	- / 94.9	- / 94.9		
Sound power level (dB(A)) Blade / Nylon head*4	104.5 / 105.7	- / 105.0	- / 105.2	- / 104.8	- / 105.5	- / 104.6	- / 103.1	- / 103.4	- / 105.0	- / 104.5		

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

\*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(K<sub>pa</sub>)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head).

\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>wa</sub>)=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-4510	SRM-4605	SRM-520ES
Configuration		EU		EU	EU		EU		BASIC	BASIC	EU, TUR
Handle type		U	L	U	U	L	U	L	U	U	U
Engine displacement (cm <sup>3</sup> )		36.3	36.3	41.5	41.5	41.5	41.5	41.5	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	1.7 / 2.3	1.7 / 2.3	2.2 / 3.0
Dry weight (kg)* <sup>1</sup>		6.3	6.1	8.0	8.5	7.9	8.7	8.0	7.4	7.7	9.0
Fuel tank capacity (mL)		850	850	690	690	690	690	690	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	1.39	1.4	1.23
Carburettor		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
Drive shaft type		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
Main pipe diameter (mm)		25.0	25.0	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	2.08	2.08	1.36	1.33	1.33
Standardised nylon head	Type	SF500	SF500	RAPID-LOADER 35	DS-5 M10L	DS-5 M10L	B6 M10L	B6 M10L	RAPID-LOADER-35	B6 M10L	DS-5 M10L
	Item number	SF500/E	SF500/E	C6000240	X047-000222	X047-000222	X047-001121	X047-001121	C6000240	X047-001121	X047-000222
Standardised metal blade	Type	-	-	-	3-cutter metal blade	-	-	-	-	3-cutter metal blade	3-cutter metal blade
	Item number	-	-	-	P021-014320	-	-	-	-	X405-000001	P021-014320
Vibration Left handle / Right handle (m/s <sup>2</sup> )* <sup>2</sup>	Metal blade	-	-	-	3.2 / 2.9	-	-	-	-	-	3.4 / 3.2
	Nylon head	4.7 / 3.4	5.8 / 3.9	5.3 / 4.7	4.7 / 4.9	2.5 / 4.7	4.5 / 3.4	3.5 / 5.1	-	-	3.0 / 2.7
Sound pressure level (dB(A)) Blade / Nylon head* <sup>3</sup>		- / 94.7	- / 94.0	- / 96.8	95.6 / 94.4	- / 96.1	- / 97.2	- / 98.5	-	-	99.2 / 99.5
Sound power level (dB(A)) Blade / Nylon head* <sup>4</sup>		- / 104.3	- / 104.5	- / 109.1	108.5 / 108.2	- / 108.0	- / 110.4	- / 110.8	-	-	110.1 / 111.3

		SEMI CLEARING SAW	CLEARING SAW	BACKPACK BRUSHCUTTERS	
		BCLS-520ES	CLS-520ES	RM-520ES	RM-3020T
Configuration		EU	EU	EU, TUR	EU
Handle type		U	U	L	L
Engine displacement (cm <sup>3</sup> )		50.2	50.2	50.2	30.5
Output (kW / ps)		2.2 / 3.0	2.2 / 3.0	2.2 / 3.0	1.3 / 1.8
Dry weight (kg)* <sup>1</sup>		9.4	9.9	11.9	9.0
Fuel tank capacity (mL)		690	690	1070	1030
Fuel consumption at maximum engine power (L/h)		1.23	1.23	1.23	0.72
Carburettor		Diaphragm	Diaphragm	Diaphragm	Diaphragm
Start assist system		ES-Start	ES-Start	ES-Start	-
Drive shaft type		Solid	Solid	Solid	Solid
Drive shaft diameter (mm)		8.0	10.0	8.0	7.0
Main pipe diameter (mm)		28.0	35.0	28.0	25.0
Gear reduction ratio		1.40	1.40	1.33	1.62
Standardised nylon head	Type	-	-	Z5 M10L	RAPID-LOADER-25
	Item number	-	-	X047-000332	C6000229
Standardised metal blade	Type	-	Clearing saw blade	-	-
	Item number	-	X040-000090	-	-
Vibration Left handle / Right handle (m/s <sup>2</sup> )* <sup>2</sup>	Metal blade	4.7 / 2.8	3.1 / 3.5	-	-
	Nylon head	5.8 / 2.8	-	5.3 / 4.0	2.3 / 2.8
Sound pressure level (dB(A)) Blade / Nylon head* <sup>3</sup>		98.6 / 97.7	98.3 / -	- / 99.7	- / 98.1
Sound power level (dB(A)) Blade / Nylon head* <sup>4</sup>		110.5 / 109.2	109.9 / -	- / 111.0	- / 104.3

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

\*2: Measured in accordance with ISO 22867. Uncertainty(K)=0.8m/s<sup>2</sup>(Metal Blade), 1.2m/s<sup>2</sup>(Nylon head).

\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>vol</sub>)=0.8dB(A)(Metal Blade), 1.5dB(A)(Nylon head).

\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>vol</sub>)=1.6dB(A)(Metal Blade), 2.1dB(A)(Nylon head).



# TRIMMERS & 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

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



### PRS-231M

Item# C6000196  
Pipe sleeves 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

		METAL BLADE												
		3-CUTTER BLADE				4-CUTTER BLADE			8-CUTTER BLADE			CLEAR-ING SAW	SHRED-DER BLADE	SAW BLADE SHIELD
Part number		X405-000011	X405-000001	P021-014310	P021-014320	X400-000021	696001-64133	X400-000032	X405-000130	696001-55632	X405-000141	X040-000090	X413-000040	P100-008860
SRM-222ES	U	◇		●		◇			◇					
	L	◇		◇		◇			◇					
SRM-237	U			●		◇			◇					
	L			◇		◇			◇					
SRM-237TES	U			◇		◇			◇					
	L			◇		◇			◇					
SRM-2621ES	U	◇		◇		◇			◇					
	L	◇		◇		◇			◇					
SRM-2621TES	U	◇		◇		◇			◇					
	L	◇		◇		◇			◇					
SRM-267	U			◇		◇			◇					
	L			◇		◇			◇					
SRM-301TES	U		◇		◇			◇		◇	◇			
	L		◇		◇			◇		◇	◇			
SRM-3021TES	U				◇			◇			◇			◇
	L				◇			◇			◇			◇
SRM-3611T	U				◇			◇		◇	◇			◇
	L				◇			◇		◇	◇			◇
SRM-420ES-LW	U		◇		◇			◇		◇				◇
SRM-420ES	U				●		◇				◇			◇
	L		◇		◇						◇			◇
SRM-420TES	U				◇		◇		◇	◇				
	L				◇									
SRM-4605 (BASIC)	U		●		◇		◇	◇		◇				
SRM-4510	U		●							◇				
BCLS-520ES	U				◇					◇			◇	
CLS-520ES	U											●		
SRM-520ES	U		◇		●		◇	◇		◇	◇			◇
RM-520ES	L		◇		◇		◇	◇		◇	◇			◇
RM-3020T					◇									
DSRM-2600	L				◇									
	U				◇									
MTA-TB	L				◇									
MTA-DTB	-				◇									



# TRIMMERS & 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



### SF400

Part# SF400/E1



### SF500

Part# SF500/E

## TAP & GO NYLON CUTTING HEAD

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



### B4

B4-R: Part# X047-000381 (RH)

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



### G137 100

Part# X047-000551

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



### G138

G138 500: Part# X047-000560 (w/o spacer)

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



### F4

Part# X047-000260

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



### DS-5

Part# X047-000221

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



### Z5

Part# X048-000020

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



### B6

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

## RAPID-LOADER™ HEAD

Dia: 2.4mm (Max. 3.0mm)



### RAPID-LOADER™ 25

Item# C6000229

Dia: 2.7mm (Max. 4.0mm)



### RAPID-LOADER™ 35

Item# C6000240

Dia: 2.4mm (Max. 3.9mm)



### 2-LINE RAPID-LOADER™

Item# C9500089

Dia: 2.4mm (Max. 3.9mm)



### 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 R	G137 100	G138 500	F4 M10	DS-5	Z5 M10L	B6		SF400	SF500	RAPID-LOADER 25	RAPID-LOADER 35	RAPID-LOADER	
								M10L	M12L					2-Line	3-Line
GT-222ES	P022-061460	X047-000381	X047-000551	X047-000560	X047-000260	X047-000221	X048-000020	X047-001121	X047-000460	SF400/E1	SF500/E	C6000229	C6000240	C9500089	C9500092
SRM-222ES		◇	●	●						◇				◇	
SRM-237				●						●				◇	
SRM-237TES										●				◇	
SRM-2621ES										●				◇	
SRM-2621TES										●				◇	
SRM-267					◇					◇		●			
SRM-301TES					◇					◇		●		◇	
SRM-3021TES										◇	●				◇
SRM-3611T								◇			●		◇	◇	◇
SRM-420ES						◇ / ● (EU)		◇		◇			◇	◇	◇
SRM-420ES-LW						◇				◇			●		
SRM-420TES						◇	◇	●		◇			◇	◇	◇
SRM-4510 (BASIC)													●		
SRM-4605 (BASIC)								◇	●				◇	◇	◇
SRM-520ES						●				◇			◇	◇	◇
BCLS-520ES										◇			◇	◇	◇
RM-520ES						◇	●			◇			◇	◇	◇
RM-3020T										◇	◇	●			
DSRM-310		●													
DSRM-2600										●					
DPAS-TRIMMER										●					
MTA-TB										●					
MTA-DTB										●					



# TRIMMERS & BRUSHCUTTER ACCESSORIES

## HIGH DURABILITY LINE

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

### ROUND LINE : Durable and lasts longer against hard surfaces

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

#### BLACK DIAMOND™ LINE (TWISTED, SQUARE EDGES)

#### CROSS FIRE® LINE (MULTI- SIDED)

#### ROUND LINE

#### SILENTWIST™ LINE (TWISTED, CURVED EDGES)



## TITANIUM LINE

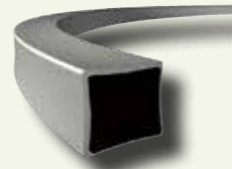
ECHO titanium lines are co-extruded professional quality trimmer lines with durable but supple core covered by extremely tough and resistant skin, which provide 30% more durability than single material lines. ECHO offers round, square and twist titanium line.

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#	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#	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#	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#	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



# PRO ATTACHMENT SERIES™



**PAS-2620ES**

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps // Dry weight\*1: 4.8kg // Length\*1: 1039mm

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

**3 CUTTER METAL BLADE AS OPTION**

**MTA-PB** Blower attachment.

**MTA-TB** Trimmer and brushcutter attachment.

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

**MTA-PP/E** Pruner attachment.

**MTA-3EXT** 3ft extension attachment.

**MTA-TC** Tiller/cultivator attachment.

**MTA-LE/E** Edger attachment.

**MTA-PS** Sweeper attachment.

**DPAS-2600**

Rated voltage: 50.4V // Dry weight\*2: 2.4kg

**3 CUTTER METAL BLADE AS OPTION**

**MTA-DTB** Trimmer and brushcutter attachment.

**MTA-DAH** Long shafted hedge trimmer attachment.

**MTA-DPP** Pruner attachment.

**MTA-TC** Tiller/cultivator attachment.

**MTA-LE/E** Edger attachment.

**MTA-PS** Sweeper attachment.

## SPECIFICATIONS

### PRO ATTACHMENT SERIES™

	PRO ATTACHMENT SERIES™
	PAS-2620ES
Configuration	EU
Engine displacement (cm <sup>3</sup> )	25.4
Output (kW / ps)	1.0 / 1.4
Dry weight (kg)*1	4.8
Length (mm)	1039
Start assist system	ES-Start
Fuel tank capacity (mL)	600
Fuel consumption at maximum engine power (L/h)	0.61

### PRO ATTACHMENT SERIES™

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

### PRO ATTACHMENT SERIES™ ATTACHMENT

	TRIMMER/ BRUSHCUTTER		HEDGE TRIMMER			POWER PRUNER®		TILLER CULTIVATOR	EDGER	PROSWEEP™	BLOWER	EXTENSION	
	MTA-TB	MTA-DTB	MTA-AHS-HD	MTA-AH-HD	MTA-DAH	MTA-PP/E	MTA-DPP	MTA-TC	MTA-LE/E	MTA-PS	MTA-PB	MTA-3EXT	
Dry weight (kg)	1.0*6	0.9*6	2.1	2.6	2.0	1.8	1.3*7	2.3*8	2.4*9	5.3	1.8	1.2	
Run Time (min)**4,5	-	Up to 32 (SF400)	-	-	Up to 99	-	Up to 48	Up to 147	Up to 96	Up to 126	Up to 11	-	
Length (mm)	815*6	818*6	966	1637	1242	1451*8	1464*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)	25.0	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	1.36	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 <sup>3</sup> /h)	-	-	-	-	-	-	-	-	-	-	654	-	
Maximum air speed (m/sec)	-	-	-	-	-	-	-	-	-	-	52.86	-	
Vibration levels Front handle /Rear handle (m/s <sup>2</sup> )*10	4.3 / 4.5 (Blade) 3.1 / 2.8 (Nylon line)	3.8 / 2.9 (Nylon line)	7.8 / 6.9	8.4 / 5.9	4.2 / 2.4	4.5 / 3.3	4.4 / 2.1	2.7 / 1.3 (DPAS-2600) 5.0 / 6.0 (PAS-2620ES)	3.5 / 1.8 (DPAS-2600) 2.6 / 4.3 (PAS-2620ES)	2.5 / 1.3 (DPAS-2600) 4.7 / 4.6 (PAS-2620ES)	3.3 / 1.3 (DPAS-2600) 2.7 / 5.2 (PAS-2620ES)	-	
Sound pressure level (dB(A))*10	92.3(Blade) 93.3(Nylon line)	79.6 (Nylon line)	95.5	95.8	85.5	94.1	94.4	75.2 (DPAS-2600) 97.0 (PAS-2620ES)	79.3 (DPAS-2600) 95.5 (PAS-2620ES)	77.3 (DPAS-2600) 96.7 (PAS-2620ES)	90.0 (DPAS-2600) 93.7 (PAS-2620ES)	-	
Sound power level (dB(A))*10	104.0(Blade) 105.8(Nylon line)	92.0 (Nylon line)	107.9	108.4	93.4	106.5	105.2	91.5 (DPAS-2600) 103.6 (PAS-2620ES)	93.5 (DPAS-2600) 103.8 (PAS-2620ES)	90.1 (DPAS-2600) 105.7 (PAS-2620ES)	100.3 (DPAS-2600) 105.4 (PAS-2620ES)	-	
Uncertainty*10	(K)	Vibration levels (m/s <sup>2</sup> )	0.8(Blade) 1.2(Nylon line)	1.5 (Nylon line)	5.0	5.0	1.5	3.3	1.5	1.5 (DPAS-2600) 3.4 (PAS-2620ES)	1.5 (DPAS-2600) 4.0 (PAS-2620ES)	1.5 (DPAS-2600) 5.0 (PAS-2620ES)	-
	(K <sub>ps</sub> )	Sound pressure levels (dB(A))	0.8(Blade) 1.5(Nylon line)	3.0 (Nylon line)	2.5	2.5	3.0	2.5	3.0	2.5 (DPAS-2600) 2.5 (PAS-2620ES)	3.0 (DPAS-2600) 2.5 (PAS-2620ES)	3.0 (DPAS-2600) 2.5 (PAS-2620ES)	-
	(K <sub>psw</sub> )	Sound power levels (dB(A))	1.6(Blade) 2.1(Nylon line)	3.0 (Nylon line)	2.5	2.5	3.0	2.5	3.0	2.5 (DPAS-2600) 2.5 (PAS-2620ES)	3.0 (DPAS-2600) 2.5 (PAS-2620ES)	3.0 (DPAS-2600) 2.5 (PAS-2620ES)	-

\*1: Unit without attachment. \*2: Unit without battery and attachment.

\*3: See Pro attachment series attachment run time. \*4:With 4.5Ah battery.

\*5: With DPAS-2600 power head. \*6: Without cutting attachment and shield.

\*7: Without guide bar and saw chain. \*8: With standard 25cm guide bar and saw chain.

\*9: Without blade. \*10: According to test codes referred in Machinery Directive.



# 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.



**ECHO 56V**

**FULLY FOLDABLE BLADE**  
For ease of storage and transportation

**REAR MOTOR AND BATTERY POSITIONED ALONG THE AXIS LINE**  
For optimal balance and comfort during operation

**SOFT RUBBER FRONT HANDLE**  
For maximum comfort and good grip in all positions

**VARIABLE THROTTLE**  
For precise speed adjustment

**TOOL LESS BLADE ADJUSTMENT**  
Quick angle adjustments by 15 degree increments

**3 SPEED SELECTOR BUTTONS**  
with memory function for rough cutting to fine trimming

**MULTI-FUNCTIONAL CONTROL PANEL**  
**ON/OFF BUTTON**  
with automatic switch-off function

**TRIPLE SHARPENED EDGES**  
557mm electroless nickel plated blades for precision cuts

**HEAVY DUTY COMMERCIAL TRANSMISSION**  
Serviceable conrod type, with ball-bearings and grease nipple, for maximum durability

**TOOTH SPACING 28 mm**

**DHCA-2600HD / DHCAS-2600HD**



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



# HEDGE TRIMMERS DOUBLE-SIDED



**DHC-310**  
Light weight and easy to use battery hedge trimmer designed for domestic and farm use.

Rated voltage: 36.0V // Dry weight\*1: 2.65kg // Cutting length: 604mm



**HC-2320**  
Light weight, professional double-sided hedge trimmer with 639mm blade suitable for medium to large sized jobs.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 4.6kg // Cutting length: 639mm



**HCR-165ES**  
Professional, light weight double-sided hedge trimmer with 639 mm blade and rotating handle.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 5.1kg // Cutting length: 639mm



**DHC-2200R**  
Ultra light weight, professional battery hedge trimmer with a 56 cm Japanese blade. Capable of fine trimming and rough cutting.

Rated voltage: 50.4V // Dry weight\*1: 2.9kg // Cutting length: 562mm



**DHC-2800R**  
Ultra light weight, professional battery hedge trimmer with a 71 cm Japanese blade. Capable of fine trimming and rough cutting.

Rated voltage: 50.4V // Dry weight\*1: 3.1kg // Cutting length: 714mm



**HCR-185ES**  
Professional, light weight hedge trimmer with long 744 mm blade and rotating handle.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 5.3kg // Cutting length: 744mm



**HC-2810ESR**  
Light-weight, professional and ergonomic hedge trimmer with a rotatable handle.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 5.2kg // Cutting length: 624mm



**HC-2020**  
Light weight, professional double-sided hedge trimmer with 534mm blade suitable for medium sized jobs.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 4.5kg // Cutting length: 534mm



**HC-2020R**  
Light weight, professional double-sided hedge trimmer with 534mm and a rotatable handle.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 4.6kg // Cutting length: 534mm



\*1: Unit with specified cutting attachment, without battery.  
\*2: Unit with specified cutting attachment, without fuel.





# HEDGE TRIMMERS SINGLE-SIDED



## DHCS-2800

Ultra light weight, professional battery single-sided hedge trimmer with a 71 cm Japanese blade. Capable of fine trimming and rough cutting.

Rated voltage: 50.4V // Dry weight\*1: 2.9kg // Cutting length: 714mm



## HCS-2810ES

Light weight, professional single-sided hedge trimmer with a 589 mm blade that provides beautiful finishing.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 4.7kg // Cutting length: 589mm



## HCS-3210ES

729mm single sided professional hedge trimmer that's balanced and lightweight.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 4.8kg // Cutting length: 729mm



## HCS-3810ES

Light weight, single-sided professional hedge trimmer for precise trimming.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.6kW / 0.8ps // Dry weight\*2: 4.9kg // Cutting length: 834mm



# 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-2020, HC-2020R, HC-2320  
Part# P021-049520



**YOU CAN MAINTENANCE KIT**

## 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.



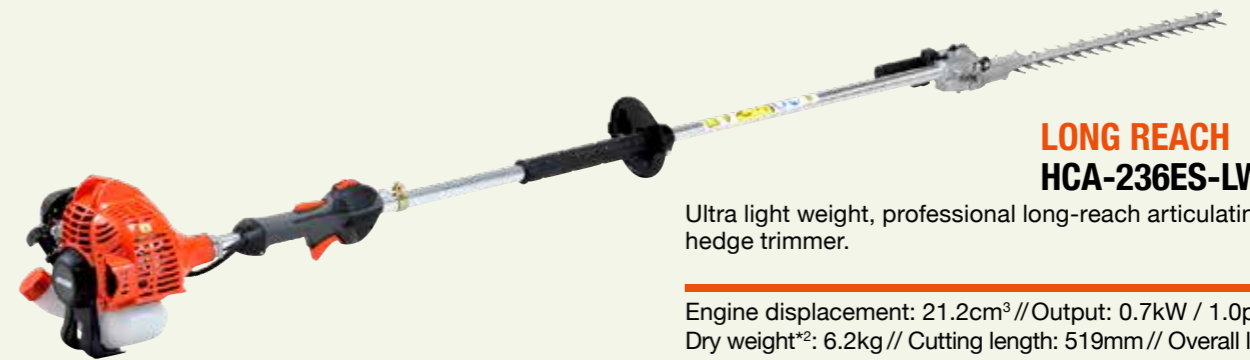
# HEDGE TRIMMERS **SHAFTED**



## SHORT REACH HCAS-236ES-LW

Light weight, professional long-reach articulating hedge trimmer.

Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>2</sup>: 5.9kg // Cutting length: 519mm // Overall length: 1749mm



## LONG REACH HCA-236ES-LW

Ultra light weight, professional long-reach articulating hedge trimmer.

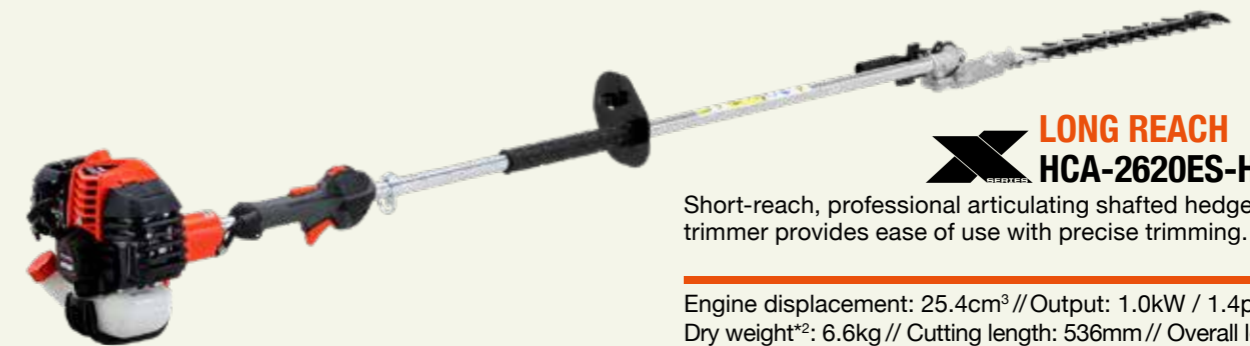
Engine displacement: 21.2cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>2</sup>: 6.2kg // Cutting length: 519mm // Overall length: 2407mm



## SHORT REACH HCAS-2620ES-HD

Ultra light weight, professional short-reach articulating hedge trimmer.

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*<sup>2</sup>: 6.3kg // Cutting length: 536mm // Overall length: 1784mm



## LONG REACH HCA-2620ES-HD

Short-reach, professional articulating shafted hedge trimmer provides ease of use with precise trimming.

Engine displacement: 25.4cm<sup>3</sup> // Output: 1.0kW / 1.4ps //  
Dry weight\*<sup>2</sup>: 6.6kg // Cutting length: 536mm // Overall length: 2440mm



NEW



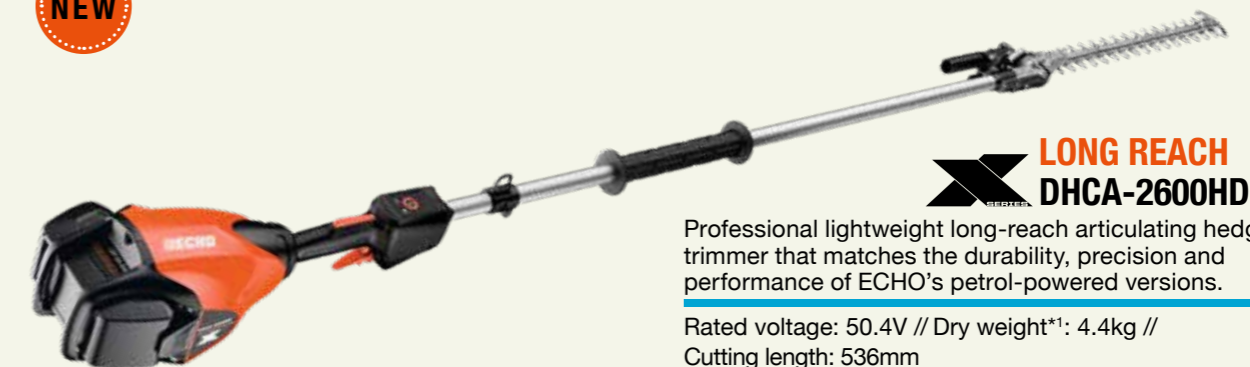
## SHORT REACH DHCAS-2600HD

Professional, lightweight short-reach articulating hedge trimmer that delivers the same durability, precision, and performance as ECHO's petrol models.

Rated voltage: 50.4V // Dry weight\*<sup>1</sup>: 4.3kg //  
Cutting length: 536mm



NEW



## LONG REACH DHCA-2600HD

Professional lightweight long-reach articulating hedge trimmer that matches the durability, precision and performance of ECHO's petrol-powered versions.

Rated voltage: 50.4V // Dry weight\*<sup>1</sup>: 4.4kg //  
Cutting length: 536mm



Accessories on page 73  
Batteries & Chargers on page 19

\*1: Unit with specified cutting attachment, without battery.  
\*2: Unit with specified cutting attachment, without fuel.



# 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, TUR	EU, TUR		EU	EU	EU	EU
Engine displacement (cm <sup>3</sup> )	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* <sup>1</sup> (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 Front handle /Rear handle (m/s <sup>2</sup> )* <sup>2</sup>	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 (dB(A))* <sup>3</sup>	94.9	95.2	94.7	96.7	96.2		96.8	94.9	94.6	94.9
Sound power level (dB(A))* <sup>4</sup>	107.1	107.4	107.6	106.5	106.4		104.5	105.2	105.2	105.0

	SHAFTED HEDGE TRIMMERS			
	HCA-236ES-LW	HCA-2620ES-HD	HCA-236ES-LW	HCA-2620ES-HD
Configuration	EU	EU	EU	EU
Engine displacement (cm <sup>3</sup> )	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* <sup>1</sup> (kg)	5.9	6.3	6.2	6.6
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 Front handle /Rear handle (m/s <sup>2</sup> )* <sup>2</sup>	4.5 / 7.3	8.1 / 9.4	4.1 / 3.7	7.6 / 7.2
Sound pressure level (dB(A))* <sup>3</sup>	88.0	96.5	87.7	96.1
Sound power level (dB(A))* <sup>4</sup>	104.4	110.3	104.8	108.4

\*1: Unit with specified cutting attachment, empty tank.

\*2: Measured in accordance with ISO 22867. Uncertainty(K)=5.0m/s<sup>2</sup>

\*3: Measured in accordance with ISO 22868. Uncertainty(K<sub>WA</sub>)=2.5dB(A)

\*4: Measured in accordance with ISO 22868. Uncertainty(K<sub>WA</sub>)=2.5dB(A)



# BLOWERS

## OVERVIEW

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



**ECHO** 56V

**TOOL-LESS ASSEMBLY**  
Simply attach blower tube & insert battery.

**SEAMLESS CRUISE CONTROL**  
Locks throttle for reduced user fatigue.

**VARIABLE SPEED THROTTLE**  
For optimized blowing power and run time.

**RUBBER OVER-MOLDED HANDLE**  
For increased comfort.

**MULTI-SIDE INTAKE**  
Prevents inlet blockage or performance drop by operator’s clothes.



**DPB-2500**



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





# BLOWERS **HANDHELD**



## DPB-310

Light weight, easy to use battery leaf blower. Perfect for domestic and farm usage.

Rated voltage: 36.0V // Dry weight\*<sup>1</sup>: 2.2kg //  
Air volume\*<sup>6</sup>: (STD)617m<sup>3</sup>/h, (Boost)685m<sup>3</sup>/h //  
Max. air speed: (STD)45.8m/sec, (Boost)50.6m/sec



**NEW**

## DPB-2500

A lightweight yet powerful 56V brushless blower offering gas-like performance, perfect for those seeking high efficiency and ease of use.

Rated voltage: 50.4V // Dry weight\*<sup>1</sup>: 2.6kg //  
Blowing air force: (STD)11.8N, (Boost)\*<sup>7</sup>16.0N //  
Air volume\*<sup>6</sup>: (STD)769.8m<sup>3</sup>/h, (Boost)\*<sup>7</sup>896.4m<sup>3</sup>/h //  
Max. air speed: (STD)56.7m/sec, (Boost)\*<sup>7</sup>65.9m/sec



**Vacuum Capable**

## PB-255ES

Professional, light weight blower that's perfect for handling medium sized cleanups.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.8kW / 1.1ps //  
Dry weight\*<sup>2</sup>: 4.8kg // Blowing air force\*<sup>3\*5</sup>: 13.0N //  
Air volume\*<sup>3\*5</sup>: 600m<sup>3</sup>/h // Max. air speed\*<sup>3\*5</sup>: 85.3m/sec



## DPB-2600

World's first dual-intake blower and ECHO's most powerful handheld blower. Ultra light weight and packed with patented features and technology.

Rated voltage: 50.4V // Dry weight\*<sup>1</sup>: 2.5kg //  
Blowing air force: (STD)12.8N, (Boost)16.7N //  
Air volume\*<sup>6</sup>: (STD)697m<sup>3</sup>/h, (Boost)798m<sup>3</sup>/h //  
Max. air speed: (STD)69.7m/sec, (Boost)79.5m/sec



## PB-2520

Light weight, professional handheld blower, that's packed with power and features to increase productivity.

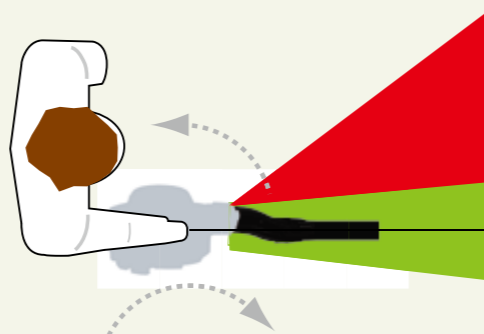
Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps //  
Dry weight\*<sup>2</sup>: 3.9kg // Blowing air force\*<sup>3\*5</sup>: 15.8N //  
Air volume\*<sup>3\*5</sup>: 768m<sup>3</sup>/h // Max. air speed\*<sup>3\*5</sup>: 76.2m/sec



## PB-2620

Successor to the PB-2520 and ECHO's most powerful hand-held petrol blower.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.9kW / 1.2ps //  
Dry weight\*<sup>2</sup>: 4.4kg // Blowing air force\*<sup>3\*5</sup>: 15.8N //  
Air volume\*<sup>3\*5</sup>: 774m<sup>3</sup>/h // Max. air speed\*<sup>3\*5</sup>: 76.7m/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.

# SHRED 'N' VAC®



## ES-250ES

Professional Shred 'n' Vac blower, allowing you to blow, shred and vacuum leaves with ease.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>2</sup>: 5.7kg // Blowing air force\*<sup>4\*5</sup>: 12.0N //  
Air volume\*<sup>4\*5</sup>: 576m<sup>3</sup>/h // Max. air speed\*<sup>4\*5</sup>: 81.7m/sec



## ES-255ES

The ES-255ES is built around the concept of convenience and maximising your productivity. Blowing, vacuuming and shredding have never been so effortless.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.8kW / 1.1ps //  
Dry weight\*<sup>2</sup>: 5.8kg // Blowing air force\*<sup>4\*5</sup>: 12.7N //  
Air volume\*<sup>4\*5</sup>: 600m<sup>3</sup>/h // Max. air speed\*<sup>4\*5</sup>: 84.9m/sec



## Accessories on page 86 Batteries & Chargers on page 13, 19

\*1: Unit with blower pipes, without battery.  
\*2: Unit with blower or vacuum pipes (standardised nozzle type A), empty fuel tank.  
\*3: Unit with blower pipes (standardised nozzle type A).  
\*4: Unit with blower pipes (standardised nozzle type B).  
\*5: Measured in accordance with ANSI/OPEI B175.2.  
\*6: At actual usage point (measured with blower pipes)  
\*7: With 4.5Ah battery.





# BLOWERS BACKPACK



**PB-265ESLT**  
Professional compact and light weight backpack blower.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.7kW / 1.0ps //  
Dry weight\*<sup>1</sup>: 6.0kg // Blowing air force\*<sup>2\*4</sup>: 10.9N //  
Air volume\*<sup>2\*4</sup>: 618m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 68.7m/sec



**PB-580**  
Mid-sized backpack power blower. With a host of professional features normally associated with larger machines.

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.1kW / 2.9ps //  
Dry weight\*<sup>1</sup>: 10.3kg // Blowing air force\*<sup>2\*4</sup>: 22.0N //  
Air volume\*<sup>2\*4</sup>: 882m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 96.4m/sec



**PB-8010**  
Ultra powerful professional backpack blower that's become known as "The Beast" due to its 44.4N of blowing force.

Engine displacement: 79.9cm<sup>3</sup> // Output: 4.2kW / 5.7ps //  
Dry weight\*<sup>1</sup>: 12.0kg // Blowing air force\*<sup>2\*4</sup>: 44.4N //  
Air volume\*<sup>2\*4</sup>: 1819m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 94.5m/sec



**NEW**

**PB-9010T**  
Our most powerful backpack blower, featuring an extensive list of professional-grade features. Ultimate power, comfort and balance.

Spec to be determined.



**NEW**



**PB-5810T**  
Powerful, mid-sized backpack blower with an exceptionally easy starting system. Features a comprehensive set of features for demanding tasks.

Spec to be determined.



**NEW**



**PB-7910T**  
High-performance professional backpack blower designed for maximum comfort and balance. It includes an advanced shoulder and waist harness.

Spec to be determined.



**PB-770**  
The PB-770 is a powerful, professional backpack blower that's become iconic for its performance and dependability.

Engine displacement: 63.3cm<sup>3</sup> // Output: 3.1kW / 4.2ps //  
Dry weight\*<sup>1</sup>: 11.3kg // Blowing air force\*<sup>2\*4</sup>: 33.2N //  
Air volume\*<sup>2\*4</sup>: 1284m<sup>3</sup>/h // Max. air speed\*<sup>2\*4</sup>: 104.6m/sec



\*1: Unit with blower or vacuum pipes (standardised nozzle type A), empty fuel tank.  
 \*2: Unit with blower pipes (standardised nozzle type A).  
 \*3: Unit with blower pipes (standardised nozzle type B).  
 \*4: Measured in accordance with ANSI/OPEI B175.2.  
 \*5: Measured in accordance with EN15503. Uncertainty(K)=5.0m/s<sup>2</sup> (Handheld), 4.1m/s<sup>2</sup> (Vacuum), 1.7m/s<sup>2</sup> (Backpack)  
 \*6: Measured in accordance with EN15503. Uncertainty(K<sub>wa</sub>, K<sub>wa</sub>)=2.5dB(A)

Accessories on page 86



# 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-5810T	PB-770	PB-7910T	PB-8010	PB-9010T	
Configuration		EU, AUS	EU	EU	EU, AUS	EU		EU	EU	EU	EU	EU	EU	EU
Engine displacement (cm³)		25.4	25.4	25.4	25.4	25.4		25.4	58.2	TBD	63.3	TBD	79.9	TBD
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		0.7 / 1.0	2.1 / 2.9	TBD	3.1 / 4.2	TBD	4.2 / 5.7	TBD
Dry weight (kg)*1		3.9	4.4	4.8	5.7	5.8		6.0	10.3	TBD	11.3	TBD	12.0	TBD
Fuel tank capacity (mL)		550	600	470	500	470		660	1840	TBD	2020	TBD	2560	TBD
Fuel consumption at maximum engine power (L/h)		0.52	0.55	0.57	0.52	0.57		0.54	1.03	TBD	1.87	TBD	2.18	TBD
Blowing air force (N)*4		15.8*2	15.8*2	13.0*2	12.0*3	12.7*3		10.9*2	22.0*2	TBD	33.2*2	TBD	44.4*2	TBD
Air volume (m³/h)*4		768*2	774*2	600*2	576*3	600*3		618*2	882*2	TBD	1284*2	TBD	1819*2	TBD
Max. air speed (m/sec)*4		76.2*2	76.7*2	85.3*2	81.7*3	84.9*3		68.7*2	96.4*2	TBD	104.6*2	TBD	94.5*2	TBD
Start assist system		-	-	ES-Start	ES-Start	ES-Start		ES-Start	-	TBD	-	TBD	-	TBD
Throttle setting device		○	○	○	○	○		○	○	TBD	○	TBD	○	TBD
Standardised nozzle type	A	Round straight	Round straight	Flat straight	Vacuum	Vacuum		Round bent	Round straight	TBD	Round straight	TBD	Round straight	TBD
	B	-	Flat straight	-	Flat straight	Flat straight		-	Round bent	TBD	Round bent	TBD	-	TBD
Vacuum kit		-	-	Optional	-	○		-	-	TBD	-	TBD	-	TBD
Vibration levels (m/s²)*5 (Nozzle type A / Nozzle type B / Nozzle type A : Rear handle)		9.9 / - / -	6.6 / 7.1 / -	8.1 / - / -	8.3 / 9.0 / 5.0	5.1 / 8.1 / 10.0		1.3 / - / -	2.0 / 3.1 / -	TBD	2.8 / 1.9 / -	TBD	2.4 / - / -	TBD
Sound pressure levels (dB(A))*6 (Nozzle type A / Nozzle type B)		94.9 / -	93.5 / 93.4	87.3 / -	93.3 / 89.0	88.8 / 87.3		90.4 / -	94.8 / 96.3	TBD	98.8 / 98.2	TBD	106.6 / -	TBD
Sound power levels (dB(A))*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 / -	105.3 / 104.9	TBD	108.8 / 108.6	TBD	114.3 / -	TBD

\*1: Unit with blower or vacuum pipes (standardised nozzle type A), empty fuel tank.

\*2: Unit with blower pipes (standardised nozzle type A).

\*3: Unit with blower pipes (standardised nozzle type B).

\*4: Measured in accordance with ANSI/OPEI B175.2.

\*5: Measured in accordance with EN15503. Uncertainty(K)=5.0m/s² (Handheld), 4.1m/s² (Vacuum), 1.7m/s² (Backpack)

\*6: Measured in accordance with EN15503. Uncertainty(K<sub>pa</sub>, K<sub>wa</sub>)=2.5dB(A)



# BLOWERS 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



## MIST NOZZLE CONVERSION KIT

Item# PBMNKIT1



Chemical tank not included



## HIP BELT

Part# P021-051530



## HIP BELT

Part# C644-000240



## BACK STRAP

Part# C651-000140

## 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	C644-000240	TBD	C651-000140
DPB-2500				◇				
DPB-2600		◇	◇	◇				
PB-2520/ PB-2620		◇	◇	◇				
PB-255ES	◇	◇	◇					
PB-265ESLT		◇	◇					
PB-580		◇	◇		◇			
PB-5810T						◇		
PB-770						●		●
PB-7910T							●	
PB-8010 / PB-9010T						●		
ES-250ES / ES-255ES		◇	◇					



# 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



CE Model certified for CE Heavy duty air filter



### DUSTER / MIST BLOWER

#### DM-6120

Dust attachment option

58.2 cm<sup>3</sup> mist blower with features to make your job easy.

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.8kW / 3.8ps //  
Dry weight\*: 12.6kg //  
Chemical tank capacity: 23L



\*1: Unit with blower pipes and empty tanks.



### DUSTER / MIST BLOWER

#### MB-5810-12 / MB-5810-20

Dust attachment option

58.2 cm<sup>3</sup> Mist blower for superior application of liquids.

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.4kW / 3.3ps //  
Dry weight\*: 12.7kg(12L), 13.1kg(20L) //  
Chemical tank capacity: 12L / 20L



Accessories on page 94



# FERTILIZER 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

**LARGE PROJECTIONS**  
For easier lid turning.

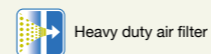
**TRANSPARENT CHEMICAL TANK**  
Allows you to control consumption.

**POWDER AND GRANULE VOLUME CONTROL LEVER**  
Easy access and control powder and granule volume.

**THROTTLE CONTROL LEVER**  
Easily controls engine rpm.

**DECOMPRESSION VALVE**  
Reduces recoiling force for easy and quick engine start.

**58.2 cm<sup>3</sup> PROFESSIONAL GRADE 2-STROKE ENGINE**  
Ensures excellent performance.



### FERTILIZER SPREADER DMC-800-30

Powerful, professional fertilizer spreader with large tank capacity.

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.9kW / 3.9ps //  
Dry weight\*1: 13.0kg //  
Chemical tank capacity: 30L



### FERTILIZER SPREADER DMC-801-45

Powerful and versatile duster / granule spreader for professionals.

Engine displacement: 58.2cm<sup>3</sup> // Output: 2.9kW / 3.9ps //  
Dry weight\*1: 13.5kg //  
Chemical tank capacity: 45L



\*1: Unit with blower pipe and empty tank.



Accessories on page 94



# 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-8250**



**NEW ROBUST AND HIGHLY DURABLE CLUTCH AND HOUSING**



**NEW ROBUST FRAME**



**RELIABLE DIAPHRAGM CARBURETTOR**

**25.4 cm<sup>3</sup> PROFESSIONAL GRADE 2 STROKE ENGINE**  
Ensures excellent performance.

**LARGE CAPACITY 25L CHEMICAL TANK**

**DOUBLE ACTING PUMP FEATURE WITH AIR CHAMBER**  
For stable and controlled spraying with powerfull discharge and high pressure.

**VIBRATION REDUCTION**  
Durable springs massively reduce vibration.



**SHP-800  
SHP-800S**

High performance, professional chemical sprayer with great power to weight ratio.

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Dry weight\*1: 9.0kg(SHP-800), 9.4kg(SHP-800S) //  
Chemical tank capacity: 25L



**SHP-800BS**

High powered, professional chemical sprayer with back starter grip for easy starting whilst wearing your tool.

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Dry weight\*1: 9.5kg // Chemical tank capacity: 25L



**SHP-800-2**

Small and lightweight high performance, professional chemical sprayer with great power to weight ratio.

Engine displacement: 22.8cm<sup>3</sup> // Output: 0.74kW / 1.01ps //  
Dry weight\*1: 9.0kg // Chemical tank capacity: 25L



**SHP-8250**

Robust and durable, lightweight sprayer.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.79kW / 1.07ps //  
Dry weight\*1: 9.1kg // Chemical tank capacity: 25L

\*1: Unit Without spraying hose and nozzle.

**Accessories on page 94**



# SPECIFICATIONS

	POWER SPRAYERS				
	SHP-800	SHP-800S	SHP-800BS	SHP-800-2	SHP-8250
Configuration	BASIC	BASIC	BASIC	BASIC	BASIC
Engine displacement (cm <sup>3</sup> )	22.8	22.8	22.8	22.8	25.4
Output (kW / ps)	0.74 / 1.01	0.74 / 1.01	0.74 / 1.01	0.74 / 1.01	0.79 / 1.07
Dry weight (kg)*1	9.0	9.4	9.5	9.0	9.1
Fuel tank capacity (mL)	750	750	750	750	460
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	25
	All capacity (L)	-	-	-	-
Start assist system	-	i-start	i-start	-	-
Carburettor	Circulation	Circulation	Circulation	Circulation	Diaphragm
Pump	Type	Piston	Piston	Piston	Piston
	Maximum pressure (kgf / cm <sup>2</sup> )	25.0	25.0	25.0	30.0
	Discharge volume (L / min)	5.8	5.8	5.8	5.8

\*1: Unit without spraying hose and nozzle.

## DUSTERS / MIST BLOWERS FERTILIZER SPREADERS

	DUSTERS / MIST BLOWERS			FERTILIZER SPREADERS	
	MB-5810-12	MB-5810-20	DM-6120	DMC-800-30	DMC-801-45
Configuration	EU		BASIC	BASIC	BASIC
Engine displacement (cm <sup>3</sup> )	58.2	58.2	58.2	58.2	58.2
Maximum engine power (kW / ps)	2.4 / 3.3	2.4 / 3.3	2.8 / 3.8	2.9 / 3.9	2.9 / 3.9
Dry weight (kg)*2	12.7	13.1	12.6	13.0	13.5
Fuel tank capacity (L)	1.97	1.97	1.83	1.70	1.70
Fuel consumption at maximum engine power (L/h)	1.56	1.56	2.05	2.11	2.11
Chemical tank capacity (L)	12	20	23	30	45
Average air volume (m <sup>3</sup> /h)	667	667	738	720	720
Misting maximum discharge (L / min)	5.2	5.2	6.1	-	-
Fertilizer maximum discharge (kg / min)	18.0*3	18.0*3	-	23.2	23.2
Vibration levels (m/s <sup>2</sup> )*4	1.8	1.8	-	-	-
Sound pressure levels (dB(A))*5	105.5	105.5	-	-	-
Sound power levels (dB(A))*5	112.9	112.9	-	-	-

\*2: Unit with blower pipes and empty tanks.

\*3: Using the dusting attachment "MBAD-5810".

\*4: Measured in accordance with ISO28139:2009. Uncertainty(K)=1.7m/s<sup>2</sup>

\*5: Measured in accordance with ISO28139:2009. Uncertainty(K<sub>pa</sub>, K<sub>wa</sub>)=2.5dB(A)

## DUSTER MIST BLOWER ACCESSORIES



### DUSTING ATTACHMENT MBAD-5810

Fits MB-5810  
Item# 36073200



### FERTILIZER NOZZLE DMK-2

Fits DMC-800-30, DMC-801-45  
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# E025-000260



### PISTOL GRIP

Part# P050-000032



### 7-HEAD LINE TYPE NOZZLE

Part# 224104-10611



### 20 M HOSE

Part# E260-000140





# ENGINE CUTTERS



## ENGINE CUTTER

### CSG-7410ES CSG-7410ES/12

Extremely powerful, high torque engine cutter with incredible air filtration system.

Cutting blade not included

Engine displacement: 73.5cm<sup>3</sup> // Output: 3.2kW / 4.4ps //  
 Dry weight\*<sup>1</sup>: 10.3kg(14inch), 9.9kg(12inch) //  
 Applicable blade diameter: 350mm(14inch), 305mm(12inch)



## CART WATER KIT CWT-7410

Engine cutter cart for ECHO CSG-7410ES.

Engine cutter CSG-7410 and blade not included.

Weight\*<sup>2</sup>: 29.5kg // Water tank capacity 10L //  
 Maximum cutting depth: 120mm



# ENGINE DRILLS



## ENGINE DRILLS

### EDR-260

Powerful, versatile and portable 25.4cm<sup>3</sup> engine drill.

Engine displacement: 25.4cm<sup>3</sup> // Output: 0.85kW / 1.16ps //  
 Dry weight\*<sup>3</sup>: 5.2kg // Gear reduction: 17.1(Regular), 19.0(Reverse) //  
 Chuck diameter: 1/2 inch (Standard)



# FRUIT SHAKER



## FRUIT SHAKER

### OH-5210

The first ECHO engine driven fruit shaker.

Engine displacement: 50.2cm<sup>3</sup> // Output: 2.2kW / 2.9ps //  
 Dry weight\*<sup>4</sup>: 15.7kg



# 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

\*1: Unit without cutting wheel and with empty tank.  
 \*2: Without engine cutter and with empty water tank.  
 \*3: Unit without specified drill bit and with empty tank.  
 \*4: Unit with harvest attachment.



# SPREADERS



## SPREADERS RB-60

Heavy duty turf broadcast spreader.

Dry weight: 10.4kg // Hopper height 26.7cm //  
Hopper length: 81.3cm // Hopper capacity: 27.2Kg //  
Tires: 10inch



# SPECIFICATIONS

## ENGINE CUTTERS

	ENGINE CUTTES	
	CSG-7410ES	CSG-7410ES/12
Configuration	EU	EU
Engine displacement (cm <sup>3</sup> )	73.5	73.5
Output (kW / ps)	3.2 / 4.4	3.2 / 4.4
Dry weight (kg)* <sup>1</sup>	10.3	9.9
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 / 14	305 / 12
Installable size of blade inner diameter (mm)	20	20
Vibration Front handle / Rear handle (m/s <sup>2</sup> )* <sup>5</sup>	6.1 / 4.8	5.0 / 5.1
Sound pressure level (dB(A))* <sup>6</sup>	100.3	98.7
Sound power level (dB(A))* <sup>7</sup>	111.2	109.2

## ENGINE DRILLS

	ENGINE DRILLS
	EDR-260
Configuration	BASIC
Engine displacement (cm <sup>3</sup> )	25.4
Output (kW / ps)	0.9 / 1.2
Dry weight (kg)* <sup>3</sup>	5.2
Fuel tank capacity (mL)	580
Fuel consumption at maximum engine power (L/h)	0.62
Gear reduction ratio	17.1 (Regular) 19.0 (Reverse)
Throttle setting device	○
Chuck type	Keyed chuck
Reversible function	○

## CART WATER KIT

	CART WATER KIT
	CWT-7410
Configuration	EU
Weight (kg)* <sup>2</sup>	29.5
Water tanks (mL)	10000
Length (mm)	1162
Width (mm)	442
Height (mm)	1069
Maximum cutting depth (mm)	120

## FRUIT SHAKER

	FRUIT SHAKER
	OH-5210
Configuration	EU
Engine displacement (cm <sup>3</sup> )	50.2
Output (kW / ps)	2.2 / 2.9
Dry weight (kg)* <sup>4</sup>	15.7
Fuel tank capacity (mL)	690
Main pipe diameter (mm)	30.0
Gear reduction ratio	1.4
Vibration Control handle / Left handle(m/s <sup>2</sup> )* <sup>8</sup>	11.13 / 13.44
Sound pressure level (dB(A))* <sup>9</sup>	98.4
Sound power level (dB(A))* <sup>10</sup>	110.6

## SPREADERS

	SPREADERS
	RB-60
Configuration	EU
Dry Weight (kg)	10.4
Hopper Height (cm)	26.7
Hopper Length (cm)	81.3
Hopper Capacity (kg)	27.2
Tires (inch)	10
Frame	Powder-coated steel

\*1: Unit Without cutting wheel and with empty tank.

\*2: Without Engine cutter and with empty Water tank.

\*3: Unit without specified drill bit and with empty tank.

\*4: Unit with harvest attachment.

\*5: Measured in accordance with ISO 19432:2012. Uncertainty(K)=1.1m/s<sup>2</sup>

\*6: Measured in accordance with ISO 19432:2012. Uncertainty(K<sub>ps</sub>)=2.7dB(A)(CSG-7410ES), 1.1dB(A)(CSG-7410ES/12)

\*7: Measured in accordance with ISO 19432:2012. Uncertainty(K<sub>ps</sub>)=2.0dB(A)(CSG-7410ES), 1.3dB(A)(CSG-7410ES/12)

\*8: Measured in accordance with EN ISO 5349-2:2001 and EN ISO 5349-2/A1:2015.

Uncertainty(K)=+3.34(Control handle), +4.03(Left handle) m/s<sup>2</sup>

\*9: Measured in accordance with EN ISO 11201:2010. Uncertainty(K<sub>ps</sub>)=1.5dB(A)

\*10: Measured in accordance with EN ISO 3744:2010. Uncertainty(K<sub>ps</sub>)=1.5dB(A)



# 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

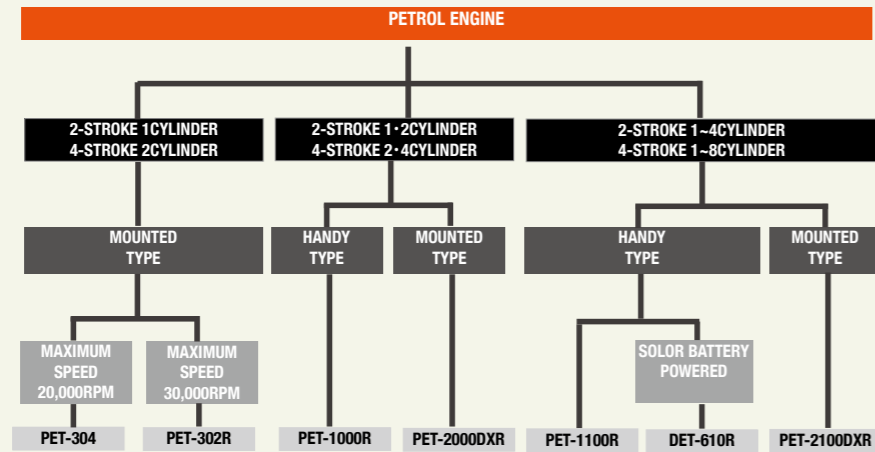


## TUNE-UP KIT

Part#	Compatible models
Y51001	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, CS-4920
Y51008	PB-2520
Y51009	PB-770
Y51010	CS-3510ES, CS-3510AC
Y51011	CS-4310SX



# TACHOMETERS / HOUR METERS



## TACHOMETERS



**PET-1000R**  
Parts No. 897802-33330



**PET-1100R**  
Parts No. 897802-33531



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



## TACHOMETER / HOUR METER



**PET-302R**  
Parts No. 897802-33030



**PET-304**  
Parts No. G310000050



**PET-2000DXR**  
Parts No. 897802-33435



**PET-2100DXR**  
Parts No. 897802-33730



## HOUR METERS



**PET-3000R**  
Parts No. PET3000R



**PET-3200R**  
Parts No. PET3200R



**PET-4000**  
Ignition Checker  
Parts No. 897800-79931



## IGNITION CHECKER



**PET4100B**  
Ignition Indicator  
Parts No. PET4100B



**PET4100F**  
Ignition Indicator  
Parts No. PET4100F



## IGNITION INDICATOR

# 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 (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.



# 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

CE



## 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

Tip guard prevents blade contact with fences or buildings.

Posi-loc POSI-LOC PIPE SYSTEM

Posi-loc for a secure connection.

EZ-LOCK SYSTEM

EZ lock for secure pipe-to-housing connection.

VENTILATED BACK PAD

Ventilated back pad for operator cooling.

ES-START

Spring-assisted starting system for easier starting.

i-START

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

EC ELECTRONIC CONTROL

Provides effortless starts and stable performance.

HEAVY DUTY AIR FILTER

Heavy duty air filter for reduced maintenance and less downtime.

ANTI VIBE SUPER ANTI-VIBRATION SYSTEM

Super anti-vibration system for reduced vibration.

LOW-TONE MODEL

Low-tone for comfortable operation.

G-FORCE ENGINE AIR PRE-CLEANER™

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

E SPIKE

Spike as standard.

OPTIONAL SPIKE

Spike as optional.

QUICK DRAW

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

TWYND

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

ROTATIONAL CONTROL

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

AUTO CHOKE

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

AUTOMATIC FAST IDLE

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

SIDE ACCESS CHAIN TENSIONER

Side access chain tensioner for quick chain adjustments.

U HANDLE

Model with U type handle.

LOOP HANDLE

Model with loop type handle.

HIGH TORQUE

High torque gear ratio for more efficient work.

ROTATABLE HANDLE

Rotatable rear handle for comfortable operation in all positions.

ADJUSTABLE CUTTER CLEARANCE

Cutter clearance is adjustable.

ADJUSTMENT-FREE

Cutter clearance is adjustment-free.

RoHS

Model certified RoHS.





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## YAMABIKO CORPORATION

Specifications, descriptions and illustrative materials in this literature are known to be accurate at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories, and may not include all standard equipment.  
For your safety, use appropriate protective gear in the working environment.  
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