MARLYAMA EUROPE CATALOGUE



Complete Europe Market Product Catalogue



Maruyama Chairman Masanobu Ogashira

Maruyama President Takaharu Uchiyama

Commitment-The story of our Family Business

In 1895, MARUYAMA MFG.CO., INC was founded on a simple principle - to continue an unwavering commitment to produce durable, hardworking tools that are made to work for a living. For over a century, we have been defined by a bootstrap spirit with a passion for excellence.

The MARUYAMA and UCHIYAMA families began the family business of manufacturing fire extinguishers in 1895, which was followed by manual sprayers in 1918. With their development of the power sprayer in 1933, Maruyama played an important role in disaster control and prevention as well as food production in the agricultural industry during the post-depression years.

Throughout the years, Maruyama has become a world leading manufacturer of disaster prevention equipment, high pressure industrial pumps, sprayers and industrial 2-cycle hand-held landscape equipment.

MASANOBU OGASHIRA, now Chairman of Maruyama Group, has passed the torch onto TAKAHARU UCHIYAMA, President of Maruyama Group. Together with the world-wide team, continue to carry on the passion and commitment that began with RYOJI UCHIYAMA and his son, HARUO UCHIYAMA.

MARUYAMA continues to manufacture extreme-duty, commercial grade power equipment and sprayers for the agricultural and landscape industry for North America, South America, Canada and across Europe, Asia and world-wide. Our equipment is top-quality with un-matched dependability. People who depend on their equipment day in and day out should demand the best and that is what we provide.

Outline

MARUYAMA Mfg. Co., Inc.

Founded: 1895

Incorporated: November, 1937

Listed on the 1st.Sec of T.S.E. 1977 (T.S.E. Tokyo Stock Exchange)

Domestic Sales Branch: 24

Activities: Manufacture and sale of agriculture and forestry spraying machines, outdoor power equipment, environmental sanitation machines, firefighting equipment and industrial high pressure pumps.

Brush cutter

Maruyama High Performance



The Difference is in The Detail.

4-BEARING SUPPORTED GEAR CASE

The chrome-moly helical cut gears are supported by four (4) ball bearings in a sealed gear case. This design produces very low vibration and absorbs higher shock loads than carbon steel configurations.

DUAL BALL BEARINGS

Dual ball bearings support the drive-shaft at the clutch end for reduced vibration and shaft wear.

DIE CAST ALUMINUM CLUTCH HOUSING

The rugged die cast aluminum clutch housing is much more durable than the plastic used on many competitive units. The housing is bolted to the engine using hex machine screws, not self-tapping screws into plastic. This configuration allows for greater strength, durability and long-term service.

AE / NE SERIES TWO-CYCLE ENGINES

The Maruyama AE/NE Class is the benchmark professional engine system. Rugged, powerful and designed to run season after season. These engines are the product of hard-won, field proven experience in two-cycle technology. These engines are high performance, high torque power and highly serviceable.

Each AE/NE engine is a model of the extraordinary quality that is the foundation of our products and our reputation.











1 Threaded Clutch Shaft

The solid steel inner drive-shaft is threaded at the clutch end, which eliminates vibration. (Excludes MX Series.)

2 Ergonomic Design Handle Grip

Our ergonomic-design handle grip offers superior comfort and excellent balance for the user.

Both double and loop are fitted with comfortable rubber grips.

3 4 Bearing Supported Gear Case

The Chrome-Moly helical cut gears are supported by four(4) ball bearings in a sealed gear case.

This design produces very low vibration and adsorbs high shock loads.

4 Easy Recoil Starters

Maruyama original recoil starter systems has incorporate the best features of an electric starter, fast and easy starters.

MX-Series

MX22E Plastic Clutch Case

Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	4.2kg
Handle	Loop

MX22EH Plastic Clutch Case

Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	4.5kg
Handle	Double

MX24E Aluminum Clutch Case

Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	4.3kg
Handle	Loop

MX24EH Aluminum Clutch Case

Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	4.6kg
Handle	Double



MX27E Aluminum Clutch Case

Displacement	25.4cc
Max. Power	0.87kW
Dry Weight	4.7kg
Handle	Loop



MX27EH Aluminum Clutch Case

Displacement	25.4cc
Max. Power	0.87kW
Dry Weight	5.0kg
Handle	Double



MX36E Aluminum Clutch Case

Displacement	35.5cc
Max. Power	1.40kW
Dry Weight	6.4kg
Handle	Loop



MX36EH Aluminum Clutch Case

Displacement	35.5cc
Max. Power	1.40kW
Dry Weight	6.6kg
Handle	Double

Torque Gear Series

Handle



BC2430H-RST(EU	J) EASY ILE E Engine EU Bage 2 Compliant	RQUEO ARO
Displacement	22.5cc	
Max. Power	0.77kW	
Dry Weight	5.8kg	
Handle	Double	

BC2630RST(EU)	EASY AND HERE Engine EU Stage 2 Compliant	T(
Displacement	25.4cc	
Max. Power	0.83kW	
Dry Weight	5.5kg	
Handle	Loop	





BC3030RST(EU)	EASY M. E.R.E. Expose EU Stage 2 Complian
Displacement	30.1cc
Max. Power	1.0kW
Dry Weight	5.4kg
Handle	Loop



BC3030H-RST(EU)	H.E.R.E. Eng EU Stage 2 Cor
Displacement	30.1cc
Max. Power	1.0kW
Dry Weight	5.8kg
Handle	Double



Torque Gear Series

Dry Weight

Handle

BC2430-RST(EU) FASY Displacement 22.5cc Max. Power 0.77kW





BC2430H-RST(EU) EASY 22.5cc





BC3030RST(EU) EASY

• •	
Displacement	30.1cc
Max. Power	1.0kW
Dry Weight	5.4kg
Handle	Loop

BC2630H-RST(EU) EASY

Displacement

Max. Power

Dry Weight

Handle



25.4cc

0.83kW 5.9kg

Double



BC2630RST(EU) EASY

Displacement	25.4cc
Max. Power	0.83kW
Dry Weight	5.5kg
Handle	Loop



BC3030H-RST(EU) EASY

Displacement	30.1cc
Max. Power	1.0kW
Dry Weight	5.8kg
Handle	Double
Handle	Double





Premium Series

BC4322RS

Displacement	41.5cc
Max. Power	1.57kW
Dry Weight	7.8kg
Handle	Loop



BC4322H-RS	Reversion	H.E.R.E. Engine EU Stage 2 Compliant
Displacement		41.5cc
Max. Power		1.57kW
Dry Weight		8.1kg
Handle		Double



BC5022RS

Displacement	50.1cc
Max. Power	1.76kW
Dry Weight	7.8kg
Handle	Loop



BC5022H-RS Displacement 50.1cc Max. Power 1.76kW



Semi-Clearing Saw



Features



High Torque Engine MARUYAMA CER500 is engineered with high compression ratio resulting in higher torque and power.



Anti Vibration System Using oversized volumetric anti-vibration dampers that reduce overall vibration during operation.



E-Harness Full support harness for less fatigue and comfortable operation. Utility pouch on the left side to keep loose or important items.

8.1kg

Double

Dry Weight

Handle

Back pack Brushcutters

BKC4321RS EASY LEAF LE EIGHE LE SAGE COMPARE

Displacement	41.5cc
Max. Power	1.57kW
Dry Weight	12.1kg
Handle	Loop



	Lo Juge 2 compliant
Displacement	50.1cc
Max. Power	1.76kW
Dry Weight	11.7kg
Handle	Loop





Features



Heavy Duty Frame
Our well balanced backpack frame provides the operator with exceptional control and comfort.



Anti-Vibrational System
Three point spring dampers for a significant reduction in vibration.

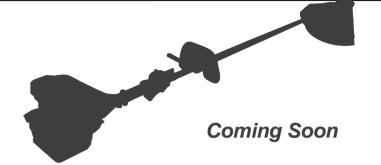


H.E.R.E Technology
High Efficiency Recirculatory Engine
A unique MARUYAMA enginered
system that is low emission,
high power and highly fuel
efficient. EU stage 5 complient.

4 Stroke Engines

MBL254

Displacement	25.4cc
Max. Power	TBA
Dry Weight	TBA
Handle	Loop



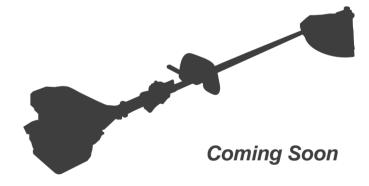
MBL254H

Displacement	25.4cc
Max. Power	TBA
Dry Weight	TBA
Handle	Double



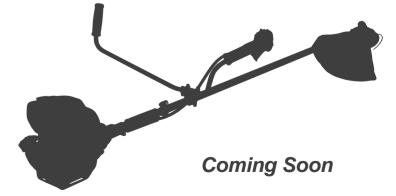
MBL354

Displacement	33.5cc
Max. Power	TBA
Dry Weight	TBA
Handle	Loop



MBL354H

Displacement	33.5cc
Max. Power	TBA
Dry Weight	TBA
Handle	Double



Hedge trimmer

Professional, Anti-Vibrational Ultra-Lightweight



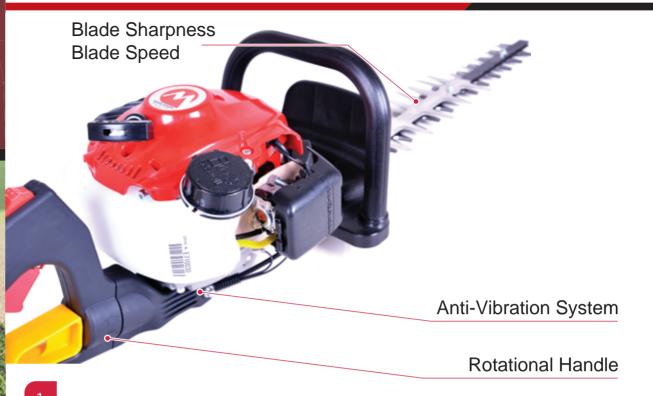
A Cut Above the Rest

A Maruyama hedge trimmer is a True Commercial machine, top to bottom, tip to toe.

Rugged and reliable, outstanding power and performance, great balance, and blade lengths, styles and engine classes to meet nearly any commercial need, these machines are clearly outstanding.

All Maruyama hand held trimmers have a strong extreme-duty gearbox which employs all ball and roller bearing construction for smooth power transmission and a long service life. Our connecting rods are thicker than competitive models and are roller bearing supported, unlike many of our competitor's machines.

Maruyama uses razor-sharp chrome steel blades for effortless cutting on any commercial application. The keen, polished double-reciprocating blade cuts cleanly every time, reducing die-back and browning, presenting a crisp, professional appearance with the very first pass.



What makes our Blades so Sharp?

Three Cutting Surfaces on Maruyama Blades.

The induction hardened chrome steel blades are polish ground sharpened on all three cutting surfaces for a cleaner cut.

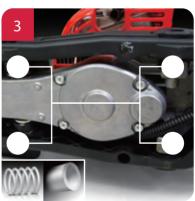
No competitor offers hedge trimmer blades and guide bars are thicker than those featured on Maruyama hedge trimmers.

By minimizing bending and bowing, we improve the cut and make operation easier. Leading-edge technology in the world's best hedge trimmer blades.



5-Position Rotational Handle

The handle can be positioned every 45 degrees giving the operator excellent cutting flexibility.



Anti-Vibration System

Using both spring and rubber dampers to reduce vibration and operator's fatigue.

*Only available for HT239 series



Front Exhaust

The exhaust pipe is positioned to the front of the machine, directing all exhaust gasses away from the user.



Blade Speed

When it comes to blade speed, MARUYAMA hedge trimmers are extremely fast. Giving a cleaner cut each and every time.

Anti-Vibration Series



HT239D EASY EUSage 2 Compilar	(((ANTIVIB)))	
Displacement	22.5cc	
Max. Power	0.77kW	
Dry Weight	5.3kg	
Blade Length	600mm	
	Contract of the second	

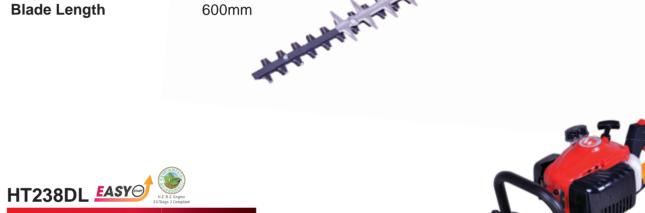
HT239DL	EASY	H.E.R.E Engine	(((ANTIVIB)))
IIIZJJUL		EU Stage 2 Compliant	((//

Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	5.5kg
Blade Length	750mm

Front Exhaust Series



Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	5.0kg
Blade Length	600mm



	EU Stage 2 Compliant
Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	5.2kg
Blade Length	750mm



Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	5.2kg
Blade Length	750mm



Standard Series

HT237D EASY EU H. R. R. E. E. Inplies

Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	4.8kg
Blade Length	600mm

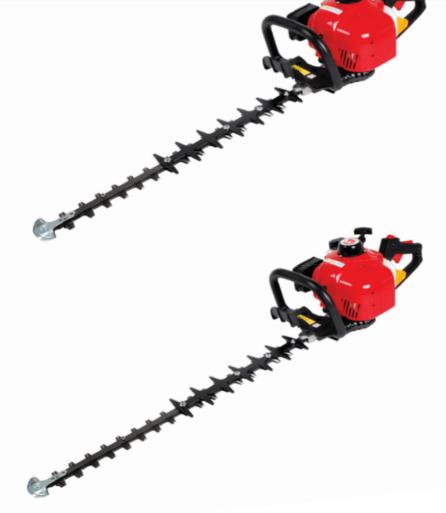


Premium Series

HT234D EASY	HIGH TORQUE
Displacement	22.5cc
Max. Power	0.77kW
Dry Weight	5.5kg
Blade Length	600mm



III ZJ T DL	EU Stage 2 Compliant	_	_
Displacement		22	2.5cc
Max. Power		0.7	7kW
Dry Weight		ţ	5.7kg
Blade Length		75	0mm



Long Reach Hedge Trimmers

AHT2630D-S(24)

Displacement	25.4cc	
Max. Power	0.87kW	
Shaft Length	723mm	
Blade Length	612.5mm	
Dry Weight	6.2kg	



AHT2630D(24)

Displacement	25.4cc
Max. Power	0.87kW
Shaft Length	1120mm
Blade Length	612.5mm
Dry Weight	6.5kg



AHT2630D-L(24)

Displacement	25.4cc
Max. Power	0.87kW
Shaft Length	1540mm
Blade Length	612.5mm
Dry Weight	6.8kg



Earth Auger

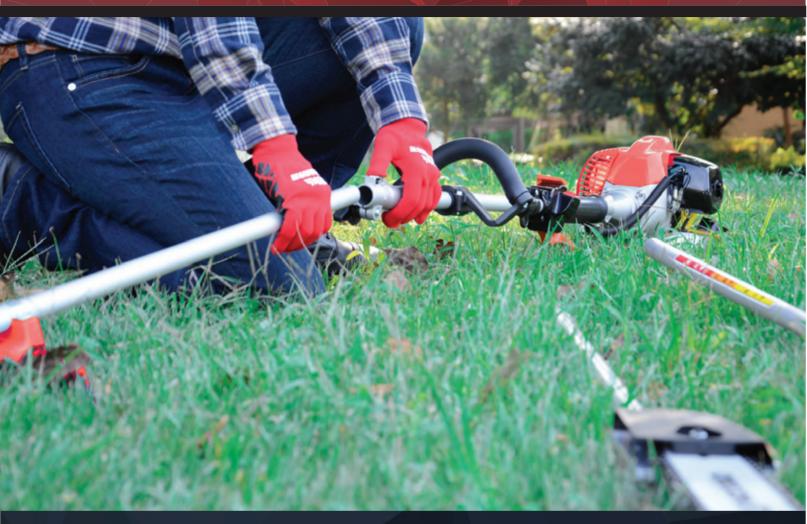
MAG501RS

Displacement	50.1cc
Max. Power	1.76kW
Dry Weight	10.2kg
Drill Width	40-200mm



Multi-Tool attachments

Multi-tool / Multi-tool Attachments / Earth auger



Versatility and productivity make the Maruyama Multi-Tool System the finest professional grounds maintenance tool available.

Versatility and productivity make the Maruyama MultiCutter System the finest professional grounds maintenance tool available. An extraordinary all-in-one product that adapts to almost any application, the Multi-Tool transforms from trimmer to edger to hedge trimmer. Pruner to cultivator. Ideal as a low space, low investment back-up tool for the large landscape operation or the one and only tool for the smaller operation.

MC2630RS EASY

Displacement	25.4cc
Max. Power	0.85kW
Dry Weight	4.0kg
Handle	Loop



Displacement	41.5cc
Max. Power	1.57kW
Dry Weight	10.8kg
Handle	Loop



Hedge Trimmer

The MCA-HT articulated hedge trimmer attachment features dual reciprocating blades.

MCA-HTS(16)

Hedge Trimmer

Hedge Trimmer The MCA-HTS articulated hedge trimmer attachment features a 132º swivel head and 400mm double sided dual reciprocating blades.

MCA-HTSL(24)

Hedge Trimmer

Hedge Trimmer The MCA-HTL articulated hedge trimmer attachment features a 132º swivel head and 600mm double sided dual reciprocating blades.

MCA-PX 1325mm MCA-PS 935mm MCA-PL 1535mm

Hedge Trimmer

Pruner attachment which is available in short (935mm) medium (1325mm) and long (1535mm) reach.



MCA-T Cultivator

The MCA-T cultivator attachment features twin six spoke blades and a durable worm drive gear case.



String Trimmer

The MCA-S string trimmer attachment features a solid steel drive shaft and heavyduty gear case.



MCA-E

Edger

The MCA-E attachment features a heavy-duty 195mm blade, open shield design and simple depth adjustment.



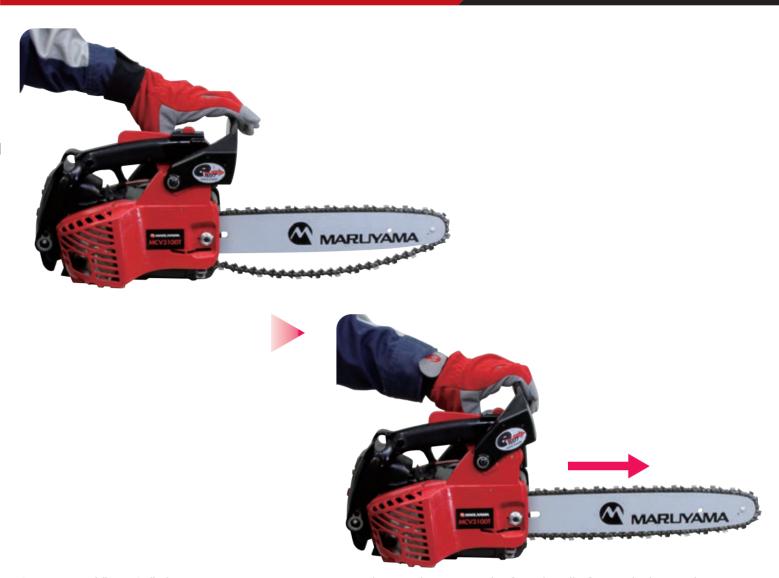
Chainsaw

Optional "E-JUST" chain tightening system



Maruyama's chainsaws are ideal for the professional landscaper and tree care expert looking for a lightweight professional grade heavy-duty chainsaw. Our chainsaws also boast an array of features such as Maruyama's "E-JUST" and Pre-Vent system.

Combining excellent balance and power to give precession cuts every time, you will have total control even in the toughest situations.



Our patented "E-JUST" chain tensioning system uses a ratchet mechanism on the front handle for quick chain tightening.

Chainsaw Features



Reverse Start 2 Reverse Start 2 system incorporates the best features of an electric starter for fast and easy starters.



Pre-Vent System only clean air running through the carburetor.



Hybrid Anti-Vibration System Debri and sawdust are dispersed leaving Anti-vibration spring and rubber dampers ensures a smoother cut each and every time.

Top Handle Saw

MCV3101TS(10) EASY



Displacement	30.1cc
Max. Power	1.04kW
Dry Weight	3.2kg
Guide Bar	25cm
Saw Chain	91PX



MCV3101TS(12) EASY



Displacement	30.1cc
Max. Power	1.04kW
Dry Weight	3.2kg
Guide Bar	30cm
Saw Chain	91PX



Rear Handle Saw



MCV3101S(14)	EASY
Displacement	30.1cc
Max. Power	1.04kW
Dry Weight	3.4kg





MCV3501S(14)





Displacement	34.9cc
Max. Power	1.25kW
Dry Weight	4.2kg
Guide Bar	35cm
Saw Chain	91PX



MCV3501S(16)



EASY	

Displacement	34.9cc
Max. Power	1.25kW
Dry Weight	4.2kg
Guide Bar	40cm
Saw Chain	91PX



MCV3900T EASY

38.0cc
1.8kW
3.5kg
30cm
3/8







MCV5100



50.0cc
2.8kW
5.4kg
40cm
.325

MCV5600 🕭



Displacement	56.0cc
Max. Power	3.0kW
Dry Weight	5.6kg
Guide Bar	45cm
Saw Chain	.325





Displacement	62.0cc
Max. Power	3.4kW
Dry Weight	5.6kg
Guide Bar	50cm
Saw Chain	3/8



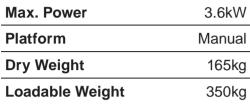








XG35-MH





XG35-HM-H

350kg: Maximum Load Capacity

4.9PS: Engine Output







- Front frame and left/right frames are detachable.
- Pipe frame is removable.



Low Vibration Design
Low vibration and comfortable work
by anti-vibration rubber of the engine
and coreless crawler.



Hand Dump
Can dump after releasing the dump lever with smooth outlet.
Dump Angle: 54°



Easy Operation
Grasp the loop clutch
for traveling.
Speed: F2/R2

XG550DM-H

KG55UDIVI-H		
Max. Power	4.4kW	
Platform	Hydraulic	
Dry Weight	278kg	3 1
Loadable Weight	500kg	
		. 11
		ZCS SO SSORE
		520
		40
	6.0	
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XG550DM-H

550kg: Maximum Load Capacity

6.0PS: Engine Output



In case **F4**, **R4**Forward 0.6km/h ~ 5.3km/h
Reverse 0.7km/h ~ 3.3km/h
Actualize the ultra-low-speed running.



Easy Operation & Low Vibration DesignAll operating levers are located on the top panel for convenient operation.



Easy Fueling
Fuel tank is easily
accessible for refueling.



Sufficient Dump Operation
Hydraulic dump
(Maximum load capacity: 550kg)
Rear carriage gate automatically
opens from bottom up.
Dump Angle 60°

Blower Back Pack Blower Hand Held Blower



Back pack Blower

Ergonomic Back pack design makes the job more comfortable and enjoyable. Easy carrying with large handle that balances with the center of gravity.

- Maruyama's back pack blower has superior balance of output, sound level and weight.
- Each equipped with a heavy-duty air cleaner and an anti-vibration device.
- Large diameter tubes that maximize air volume.
- Innovative housing design maximizes output and efficiency.

Hand Held Blower

Maruyama blowers are designed to maximize productivity. To us that means high performance over a long product life. Balancing sound, and power and weight into machines that provide the best mix of characteristics, the best value, durability and performance but mostly just work hard season after season.

Hand held blower features



H.E.R.E Technology

High Efficiency Re-circulatory engineered. A unique MARUYAMA engineered system that is low emission, high power and highly fuel efficient.



Impeller

Built from lightweight composite material to reduce engine load and maximize blowing performance.



Volute Case

With more than 100 years of pump experience, Maruyama understands how to design a volute case to affect the right flow characteristics to move maximum air volume.



Vacuum Kit

Available with optional vacuum and shredder attachment. (P/N #395750)

Back pack blower features



Tornado Tip

Increase air volume Normal tip 22.5 m³/min Tornado tip 28.4 m³/min (P/N131870)



Maruyama 80cc Engine

Maruyama's first ever 80cc engine produces 3.36kW (4.6PS) of power.



Anti-Vibration System

Our Anti-Vibration System utilizes 4 spring dampers to reduce overall vibration.

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Hand Held Blower

BL3110

BL3110	
Displacement	30.1cc
Air Volume	13.0m³/min
Dry Weight	4.3kg

Back Pack Blower

BL8600SP (CE)

Displacement	60.9cc
Air Volume	18.2m³/min
Dry Weight	9.5ka



Dusters and Mist blower

BL9000

Displacement	79.2cc
Air Volume	28.3m ³ /min
Air Velocity	362.25km/h
Dry Weight	10.9kg



Manual Duster and Spreader

MG51

Туре	Duster
Chemical Tank	4.6L
Dry Weight	2.8kg



MG10

Туре	Granuler
Chemical Tank	10.0L
Dry Weight	2.0kg



Engine sprayer

Experts in the business



Engine Powered Back pack Sprayer

Maruyama's superior quality duplex piston pumps deliver remarkable performance and extreme durability. Powered by our low emission engines featuring the industry leading fuel saver .

Original Piston Pump

Maruyama original piston pump with smooth water flow structure first appeared in 1956. This structure enables stabilized water discharge from low rpm to high rpm.

This also helps the engine use its most efficient power to run the Maruyama original pump.





Engine Sprayer Features



MS0835W	JAPAN •
Displacement	23.9cc
Chemical Tank	25.0L
Dry Weight	8.5kg
Discharge Volume	e 8.0L/min
Max Pressure	3.5MPa



- Maruyama Swing Tank bridges the distance between the chemical tank and user'
- Maruyama's Double Uniflow Pump guarantees optimal pressure and performance.
- The combination of both muffler and air cleaner reduces noise polotion significantly.
- Wide paded shoulder bands for maximum comfort during operation.

Power sprayer

Neo Multi Flow Power Sprayer



Core Competence in Pump Technology

Based on fire extinguisher technology. we have since grown a reputation in producing the best power sprayers in the market.

Through our long history for more than a century, the field of technology we have accomplished most in is PUMP and sprayer technology.

Our High pressure sprayers are utilized in a variety of applications, ranging from industrial cleaning, pest control and agriculture.



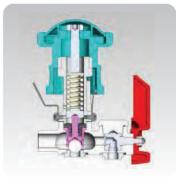
Pulse save chamber for all models

Prevent air leakage,water hammer, vibration & noise for all models. (Newly adopted for MS315& MS415 class.)



Made in Japan-World Standard

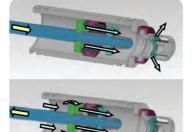
Stronger, more ecologically conscious Made in Japan Chromium hexavalent free, environment conscious. (Changed from Chromium coating to Nickel coating)



Additional stainless material for

durability

Valve suck, Valve rod
Cylinder bolt are changed
to stainless for durability
Pipe Adapter-Nickel
coating treatment.



Maruyama Power sprayer

High suction efficiency, less required power Ecology pump.



Crank shaft is harder

Change heat coating to make it harder.

MS157

Suction Volume	10-13L/min
Max. Pressure	3.5MPa
Required Power	0.5-1.0kW
Required Speed	800-1,000rpm
Dry Weight	6.9kg







Suction Volume	32-37L/min
Max. Pressure	4.0MPa
Required Power	2.7-2.9kW
Required Speed	800-900rpm
Dry Weight	14.0kg



MS337

Suction Volume	22-30L/min
Max. Pressure	3.5MPa
Required Power	1.0-2.1kW
Required Speed	850-1,050rpm
Dry Weight	7.2kg



MS617

Suction Volume	36-47L/min
Max. Pressure	5.0MPa
Required Power	3.7-4.7kW
Required Speed	650-850rpm
Dry Weight	19.0kg



MS317

Suction Volume	20-26L/min
Max. Pressure	5.0MPa
Required Power	2.0-2.6kW
Required Speed	700-900rpm
Dry Weight	10.5kg



MS657

Suction Volume	45-56L/min
Max. Pressure	5.0MPa
Required Power	4.6-5.5kW
Required Speed	800-100rpm
Dry Weight	19.0kg



MS417

Suction Volume	26-32L/min
Max. Pressure	5.0MPa
Required Power	2.6-3.3kW
Required Speed	900-1,100rpm
Dry Weight	11 Oka



MS757

Suction Volume	52-67L/min
Max. Pressure	5.0MPa
Required Power	5.4-6.7kW
Required Speed	750-950rpm
Dry Weight	20.0kg



MSD31T

Suction Volume	14.5L/min
Max. Pressure	3.5MPa
Required Power	1.5Hp
Rev Per Minute	3600rpm
Crank Shaft Diameter	15mm



MSD41T

Suction Volume	20.0L/min
Max. Pressure	4.0MPa
Required Power	2.9Hp
Rev Per Minute	3600rpm
Crank Shaft Diameter	20mm



MSD51T

Suction Volume	40.0L/min			
Max. Pressure 4.0				
Required Power	4.9Hp			
Rev Per Minute	3600rpm			
Crank Shaft Diameter	20mm			



MS1600F

Drive System	5
Suction Volume	104L/min
Required Power	14.5Hp
Max. Pressure	3.0MPa
Dry Weight	22.0kg
Required Power	10.7kW



MS600F

5
36.0L/min
4.0-8.5Hp
5.0MPa
9.8kg
2.9-6.3kW



MS1000F

Drive System	5		
Suction Volume	60.0L/mir		
Required Power	4.0-8.5Hp		
Max. Pressure	3.0MPa		
Dry Weight	10.0kg		
Required Power	2.9-6.3kW		



MS1300F

Drive System	5
Suction Volume	82.0L/min
Required Power	14.5Hp
Max. Pressure	4.0MPa
Dry Weight	21.0kg
Required Power	10.7kW



BRUSH CUTTER

		Engine displacement	Maximum engine power	Engine fuel tank capacity			
Model name	Engine model	(cc)	(kW/ ps)	(L)	Reverse Strart	Handle type	Assembled Weight
MX22E	EE232	22.5	0.77 / 1.05	0.6		Loop	4.2
MX22EH	EE232	22.5	0.77 / 1.05	0.6		Double	4.5
MX24E	EE232	22.5	0.77 / 1.05	0.6		Loop	4.3
MX24EH	EE232	22.5	0.77 / 1.05	0.6		Double	4.6
MX27E	EE262	25.4	0.87 / 1.17	0.6		Loop	4.7
MX27EH	EE262	25.4	0.87 / 1.17	0.6		Double	5.0
MX36E	EE362	35.5	1.4 / 1.9	1.0		Loop	6.4
MX36EH	EE362	35.5	1.4 / 1.9	1.0		Double	6.6
BC2430-RST(EU)	CER230	22.5	0.77 / 1.04	0.45	•	Loop	5.7
BC2430H-RST(EU)	CER230	22.5	0.77 / 1.04	0.45	•	Double	6.1
BC2630-RST(EU)	CER260	25.4	0.83 / 1.12	0.6	•	Loop	5.8
BC2630H-RST(EU)	CER260	25.4	0.83 / 1.12	0.6	•	Double	6.2
BC3030-RST(EU)	CER300	30.1	1.0 / 1.35	0.6	•	Loop	5.7
BC3030H-RST(EU)	CER300	30.1	1.0 / 1.35	0.6	•	Double	6.1
BC4322RS	CER420	41.5	1.57 / 2.12	1.0	•	Loop	8.1
BC4322H-RS	CER420	41.5	1.57 / 2.12	1.0	•	Double	8.4
BC5022RS	CER500	50.1	1.65 / 2.25	1.0	•	Loop	8.2
BC5022H-RS	CER500	50.1	1.65 / 2.25	1.0	•	Double	8.5
BCV5021	CER500	50.1	1.65 / 2.25	1.0	•	Double	9.0
BKC4321RS	CER420	41.5	1.57 / 2.12	1.0	•	Loop	11.8
BKC5021RS	CER500	50.1	1.65 / 2.25	1.0	•	Loop	12.1
MBL254	GX25	25.4	TBA	TBA		Loop	TBA
MBL254H	GX25	25.4	TBA	TBA		Double	TBA
MBL354	GX35	33.5	TBA	TBA		Loop	TBA
MBL354H	GX35	33.5	TBA	TBA		Double	TBA

HEDGE TRIMMER

Model name	Engine	Engine displacement	Maximum engine power	Guaranteed Power	Engine fuel tank capacity	Reverse	Blade type	Cutting length	Vibration level front handle	Vibration level rear handle	Guaranteed Sound power level	Assembled weight*
	model	(cc)	(kW/ ps)	(kW/ ps)	(L)	Start	(S / D)	(mm)	(m/s²)	(m/s²)	dB(A)	(kg)
HT234D	CER230	22.5	0.77 / 1.03	0.58 / 0.8	0.45	•	Double	600	5.0	7.0	107	5.5
HT234DL	CER230	22.5	0.77 / 1.03	0.58 / 0.8	0.45	•	Double	750	5.0	7.0	107	5.7
HT237D	HE232	22.5	0.77 / 1.05	0.61 / 0.83	0.4		Double	600	13.0	8.0	109	4.8
HT238D	HE232	22.5	0.77 / 1.05	0.61 / 0.83	0.4	•	Double	600	13.0	5.0	109	5.0
HT238DL	HE232	22.5	0.77 / 1.05	0.61 / 0.83	0.4	•	Double	750	13.0	5.0	109	5.2
HT238P	HE232	22.5	0.77 / 1.05	0.61 / 0.83	0.4	•	Single	750	13.0	5.0	109	5.3
HT239D	HE232	22.5	0.77 / 1.05	0.61 / 0.83	0.4	•	Double	600	1.7	2.5	109	5.3
HT239DL	HE232	22.5	0.77 / 1.05	0.61 / 0.83	0.4	•	Double	750	1.7	2.5	109	5.5
HT234D-F	CER230	22.5	0.77 / 1.03	0.58 / 0.8	0.4	•	Double	600	13.0	5.0	108	5.1
HT234DL-F	CER230	22.5	0.77 / 1.03	0.58 / 0.8	0.4	•	Double	750	13.0	5.0	108	5.3

* without grease.

EXTENDED HEDGE TRIMMER

Model name	Engine model	Engine displacement	Maximum engine power	Guaranteed Power	Starting features	Engine fuel tank capacity	type	Cutting length	Vibration level rear handle	Vibration level front handle	Guaranteed Sound power level	Assembled weight
		(cc)	(kW/ ps)	(kW/ ps)		(L)	(S / D)	(mm)	(m/s²)	(m/s²)	dB(A)	(kg)
AHT2630D-S(24)	EE261	22.5	0.85/1.16	0.77/1.05	Standard	0.55	Double	600	7.9	6.1	106	5.4
AHT2630D(24)	EE261	22.5	0.85/1.16	0.77/1.05	Standard	0.55	Double	600	7.2	6.1	106	6.0
AHT2630D-L(24)	EE261	22.5	0.85/1.16	0.77/1.05	Standard	0.55	Double	600	7.6	6.6	106	5.6

MULTI TOOL POWER UNIT

Model name	Engine model	Engine displacement	Maximum engine power	Guaranteed Power	Engine fuel tank capacity	Reverse Start	Handle Type	Assembled	
		(cc)	(kW/ ps)	(kW/ ps)	(L)			weight	
MC2630RS	EE262	25.4	0.85/1.16	0.77/1.05	0.55	•	Loop	4.0	
MC4321BK	CER420	41.5	1.57/2.15	1.77/2.42	1.0	•	Loop	10.7	

MULTI CUTTER ATTACHMENT

Model name			Attachement			l an ath	Dry weight
Model name	Application		Otl	hers		Length	(kg)
MCA-S	String Trimmer		4inch N	ylon Head		810mm	1.3(*1)
MCA-LB	Landscape blade		Double differ	925mm	2.3		
MCA-PX	Pruner(Short)		Double differ	525mm	0.7		
MCA-PS	Pruner(Midium)	10inch g	uide bar	OREGON	91VXL-39E	1085mm	1.0
MCA-PL	Pruner(Long)	10inch g	uide bar	OREGON	91VXL-39E	1860mm	1.5
MCA-HT	Hedge trimmer	Duble Blade	Angle	-Fixed	600mm	935mm	2.6
MCA-HTS	Hedge trimmer	Duble Blade	Angle-132°	'Adjustable	400mm	1325mm	2.7
MCA-HTS(24)	Hedge trimmer	Duble Blade	Angle-132°	'Adjustable	600mm	1535mm	3.0
MCA-E	Edger	195mm Cı	195mm Cutter Blade Simple Depth Adjustable				1.8(*2)
MCA-T	Tiller	Blade Diam	Blade Diameter 220mm Cultivating Width 150mm			885mm	2.9

(*2)Without blade.

CHAINSAW

Model name	Engine displacement	Maximum engine power	Fuel Tank	Oil tank capacity	Handle	Vibration level front handle	Vibration level rear handle	Vibration level top handle	Sound pressure level "22868"	Sound power level (db(A) LWA)	Chain pitch	Guide bar	Dry Weight*
	(cc)	(kW)	(L)	(L)		(m/s²)	(m/s²)	(m/s²)	dB(A)	dB(A)	(inch)		(kg)
MCV3101TS(10)-01	30.1	1.04	0.24	0.18	Тор	3.3	-	3.7	97	108	3/8	'10-3/8	3.2
MCV3101TS(12)-01	30.1	1.04	0.24	0.18	Тор	3.3	-	3.7	97	108	3/8	'12-3/8	3.2
MCV3101S(14)-01	30.1	1.04	0.24	0.18	Rear	4.2	4.4	-	96	107	3/8	'14-3/8	3.4
MCV3501(14)	34.9	1.25	0.34	0.3	Rear	3.8	5.5	-	100	111	3/8	'14-3/8	4.2
MCV3501(16)	34.9	1.25	0.34	0.3	Rear	3.8	5.5	-	100	111	3/8	'16-3/8	4.2
MCV3900T	38.0	1.8	0.35	0.22	Тор	4.2	-	5.0	97	108	1/4" e 3/8"	'15-0.325	3.5
MCV4000	38.0	1.8	0.35	0.22	Rear	4.2	5.0	-	97	108	1/4" e 3/8"	'18-0.325	3.8
MCV5100	51.0	2.7	0.65	0.35	Rear	3.0	4.0	-	99	115	.325" e 3/8"	'15	5.6
MCV5600	56.0	3.0	0.65	0.35	Rear	3.0	4.0	-	99	115	.325" e 3/8"	'18	5.6
MCV6200	62.0	3.4	0.65	0.35	Rear	3.0	4.0	-	99	115	.325" e 3/8"	'20	5.6

^{**} Only engine (not inclduing bar and chain)

CRAWLER

		Engine	Maximum		Plat f	orm		Dry weight
Model name	Model name Engine model		engine power	Dumming Custom			Dry weight	
			(kW/ ps)	Dumping System	L (mm)	W (mm)	H (mm)	(kg)
XG35M-H	HONDA OHV GP160H	163.0	3.6 / 4.9	Manual	950-1130	530-900	170-(445)	165
XG550DM-H	KAWASAKI FJ180G	179.0	4.4 / 6.0	Hydraulic	1200	900	210	300

BLOWER

	Model name	Engine model	Engine displacement	Maximum engine power	Fuel Tank	Air Volume	Air Velocity	Throttle	Dry weight
			(cc)	(kW/ ps)		(m³/min)	(m/sec)	Trigger	(kg)
	BL3110	CER300	30.1	1.0 / 1.36	0.5L	12.0	72.1	•	4.3
	BL8600	CER600	60.9	2.9 / 4.0	2.0L	25	80.5	•	9.5
[BL9000	CER800	79.2	3.36 / 4.5	2.1L	28.4	84	•	11.9

MANUAL SPREADER

Model name	Ту	ре	Chemical Tank (L)	Discharge Volume	Dry weight (kg)
MG51	Duster	Manual fan	4.6	400g/min	2.8
MG10	Granuler	Manual fan	10.0	15kg/10a	2.0

SPRAYER

Model name	Engino model	Engine displacement	Starting features	Engine fuel tank capacity	Chemical tank capacity	Suction volume	Max. pressure	Assembled weight
Model name	Engine model	(cc)	Starting leatures	(L)	(L)	(L/min)	(MPa)	(kg)
MS0835W	DE243P	23.9	Reverse Start2	0.8	25	8.0	3.5	8.5

POWER SPRAYER 1

MODEL	Drive	System	Suction Volume	Max. Pressure	Required Speed	Required Power		Spray Cock		Suction Hose		Retrurn Hose		Dry weight
	Piston Cylinder	V-Pulley	(L/min)	(Mpa)	(rpm)	(Hp)	(Kw)	G1/4 (8.5mm)	G3/8 (10mm)	Size	(m)	Size	(m)	(kg)
MS157	2	149mm	10-13	3.5	800-1000	0.7-1.3	0.5-1.0	2	-	φ13	3.0	φ13	3.0	6.9
MS337	3	152mm	22-30	3.5	850-1050	1.4-2.8	1.0-2.1	2	-	φ19	3.0	φ13	3.0	7.2
MS317	3	152mm	20-26	5.0	700-900	2.7-3.5	2.0-2.6	1	1	φ19	3.0	φ13	3.0	10.5
MS417	3	152mm	26-32	5.0	900-1100	3.5-4.5	2.6-3.3	1	1	φ19	3.0	φ13	3.0	11.0
MS517	3	178mm	32-37	4.0	800-900	3.6-4.9	2.7-2.9	1	1	φ25	3.6	φ19	3.6	14.0
MS617	3	229mm	36-47	5.0	650-850	5.0	3.7-4.7	-	2	φ25	3.6	φ19	3.6	19.0
MS657	3	229mm	45-56	5.0	800-100	6.2-7.5	4.6-5.5	-	2	φ25	3.6	φ19	3.6	19.0
MS757	3	229mm	52-67	5.0	750-950	7.3-9.1	5.4-6.7	-	2	φ25	3.6	φ19	3.6	20.0

POWER SPRAYER 2

MODEL		Drive System	Suction Volume	Max. Pressure	Required Speed	Required Power		
WODEL	Piston Crank Shaft Join		(L/min)	(Mpa)	(rpm)	(Hn)	(Kw)	
	Cylinder	Diameter	(L///////	(Mpa)	(rpm)	(Hp)	(IXW)	
MSD31T	3	3/4inch	14.5	3.5	3600	1.5	1.1	
MSD41T	3	3/4inch	20.0	4.0	3600	2.9	2.16	
MSD51T	3	3/4inch	40.0	4.0	4000	4.9	3.65	

POWER SPRAYER 3

MODEL -		Drive System	Suction Volume	Max. S	Suction	Max. Pressure	Require	Dry weight		
	Piston Cylinder	Crank Shaft Joint Portion	(L/min)	@540rpm	@1250rpm	(Mpo)	(He)	(Kw)	(ka)	
	Pistori Cyllilder	Diameter	(L/111111)	(L/min)	(L/min)	(Mpa)	(Hp)	(Kw)	(kg)	
MS600F	5	φ20mm	36	25.4	60	5.0	4.0-8.5	2.9-6.3	9.8	
MS1000F	5	φ25mm	60	41.6	100	3.0	4.0-8.5	2.9-6.3	10.0	
MS1300F	5	φ25mm	82	65	128	4.0	14.5	10.7	21.0	
MS1600F	5	φ30mm	104	82.2	160	3.0	14.5	10.7	22.0	