



MARUYAMA

OUTDOOR POWER EQUIPMENT CATALOG



www.maruyama-us.com

**MORE
POWER
FOR THE PROS!**

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A photograph of a two-story brick building with a gabled roof, partially obscured by green bushes. In the foreground, two tall flagpoles stand against a clear blue sky. The top pole flies the Texas state flag, and the bottom pole flies the United States flag.

WELCOME

We proudly celebrate **Maruyama's** 126th anniversary as an industry-changing manufacturing company.

Maruyama began as a family business manufacturing fire extinguishers in 1895, Japan. The Uchiyama family then started to manufacture manual sprayers in 1918. With their development of the power sprayer in 1933, **Maruyama** played an important role in disaster control and prevention. They also contributed to food production in the agricultural industry during the post-depression years.

For over a century, **Maruyama** has become a world leading manufacturer of disaster relief and prevention equipment, creating high quality pressure industrial pumps, sprayers and commercial-grade 2-cycle hand held landscape equipment. **Maruyama US** is now claiming a part of the pest control industry with newly designed, versatile, high-capacity skid sprayers.

Maruyama endeavors to meet and exceed life's obstacles with our commercial grade power equipment and sprayers.

**MORE
POWER
FOR THE PROS!**



MASANOBU OGASHIRA
Chairman

TAKAHARU UCHIYAMA
President

HEAVY DUTY GEAR BOX FEATURES

1. THREADED CLUTCH SHAFT

The solid inner driveshaft is threaded at the clutch end to reduce vibration

2. DUAL ANTI-VIBRATION CLUTCH HOUSING

Helps reduce operator fatigue and provides a more comfortable working experience

3. BRONZE BUSHINGS

Five self-lubricating dampened bushings to fully support the inner shaft for smooth operation and greater structural integrity

4. POLISHED SOLID STEEL SHAFT

7mm solid steel shaft for exceptional durability and completely protected by a lifetime warranty

5. EXTRUDED ALUMINUM SHAFT

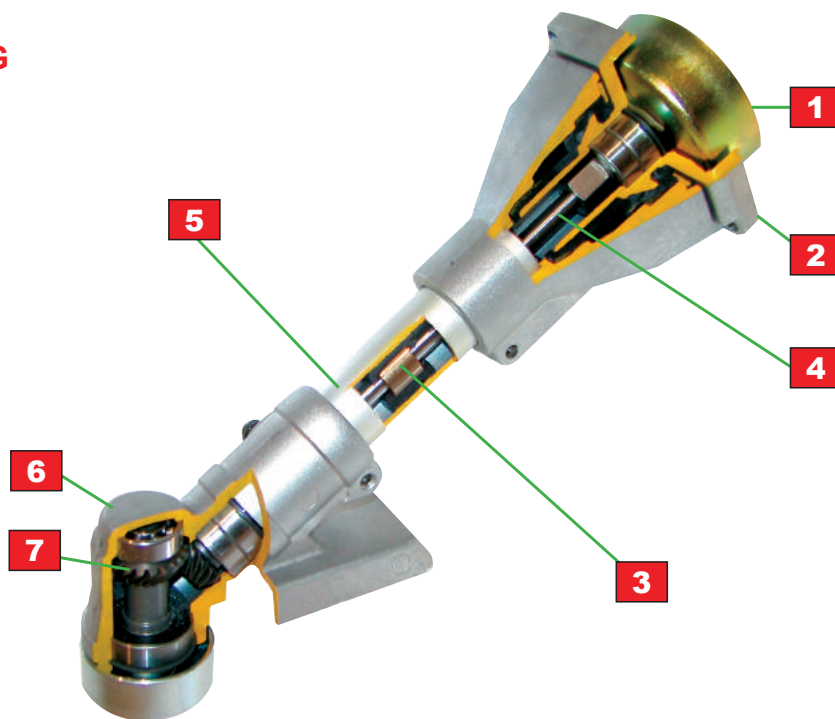
One-piece, seamless aluminum outer shaft for added strength and durability

6. HEAVY DUTY GEARBOX - 4-BEARING SUPPORTED GEARBOX

4-bearings support for low vibration and ability to absorb higher shock loads

7. HELICAL CUT CHROME MOLY PINION GEARS

Extremely tough materials for long time performance and corrosion resistance



FEATURE ICON DESCRIPTIONS



DISPLACEMENT (CC)

Engine displacement refers to the total volumetric engine size measured in Cubic Centimeters, or "CC's", i.e. "42cc"



DRY WEIGHT

The weight of a complete unit without oil, gasoline, water, or chemical mix. The dry weight is measured after all components to operate the unit have been installed.



FUEL TANK

The fuel tank is a container to safely store fuel supply until precisely metered into the engine through the carburetor.



EASY START

Refers to an assisted starter recoil system, developed by Maruyama, that significantly decreases the physical effort required to pull start the engine.



HARDENED STEEL

Every Maruyama hedge trimmer features induction hardened steel blades with dual-reciprocating movement for maximum sheering force.



ADJUSTABLE THROTTLE

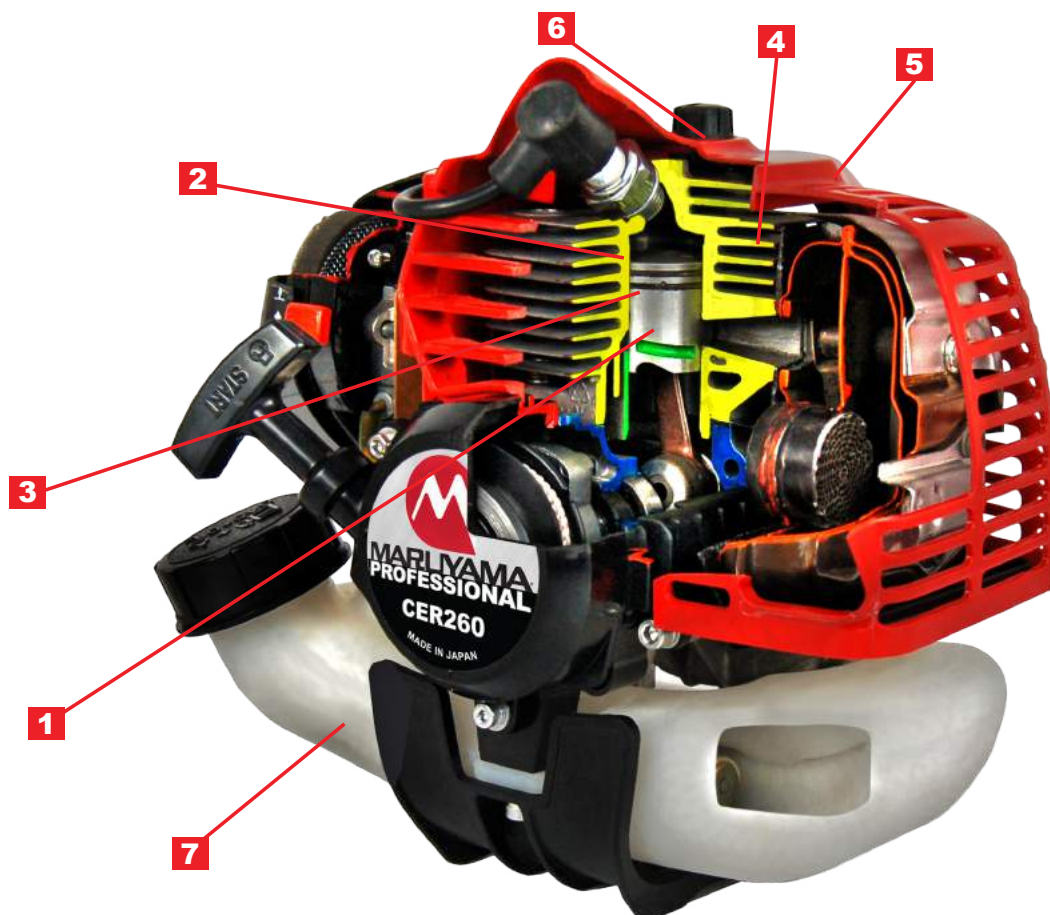
Adjustable maximum throttle control for consistently regulating operational cutting speed.

- Waterproof kill switch button
- Cold-start feature that helps the engine start in colder weather and high altitude



CER ENGINE FEATURES

Maruyama CER Engines are powerful and friendly with the environment. Maruyama utilizes the latest clean 2-cycle engine technology that not only meets but exceeds today's strict emission regulations around the world. Their environmental friendliness and power will exceed your expectations. Get to know Maruyama technology.



1. GROOVED PISTON

The re-circulatory groove is key to the patented HERE (High Efficiency Recirculating Engine) low emission system

2. HARD CHROME PLATED CYLINDER

Increases the life to the cylinder and improves performance

3. DUAL PISTON RINGS

Increased engine compression which translates into high torque and balance for power and performance

4. EXTENDED COOLING FINS

Improved cooling system for extended commercial usage

5. ELECTRONIC IGNITION SYSTEM

CDI ignition coil allows for a superior performance

6. QUICK RELEASE ENGINE COVER

One bolt design to remove cover makes service faster and easier

7. LARGE TRANSLUCENT FUEL TANK

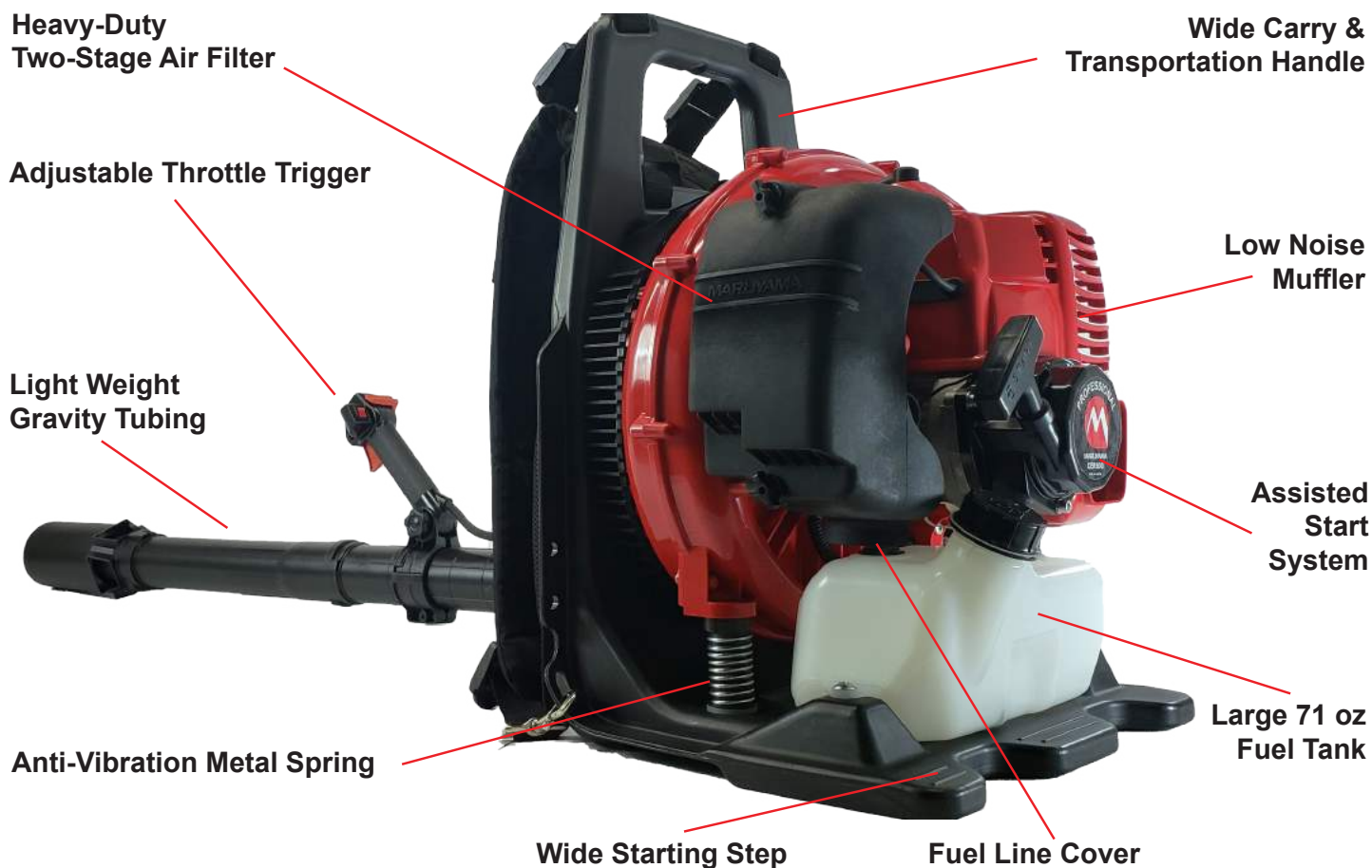
Longer running time between fill-ups translates into increased profits for the commercial landscaper





MID-SIZED BACKPACK BLOWER

BL70 FEATURES



BRUSH CUTTER AND TRIMMERS

LOOP HANDLE TRIMMERS

**ALL NEW
SHAFTED UNITS**

**2-STROKE JAPANESE
TECHNOLOGY**

**LIFETIME
WARRANTY
ON SOLID STEEL
DRIVESHAFT**

*Threaded for smoother
power transfer*



B230C

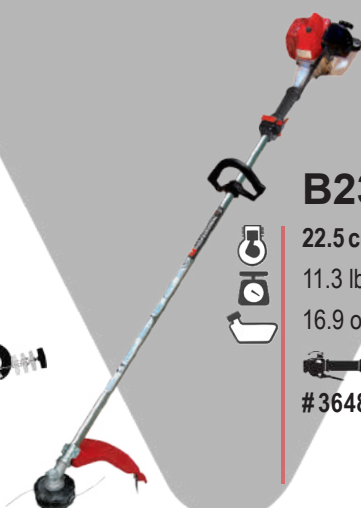
22.5 cc / CER230

10.5 lb

16.9 oz



#364848



B230L

22.5 cc / CER230

11.3 lb

16.9 oz



#364849



B270L

25.4 cc / CER260

11.7 lb

20.3 oz



#364850



B300L

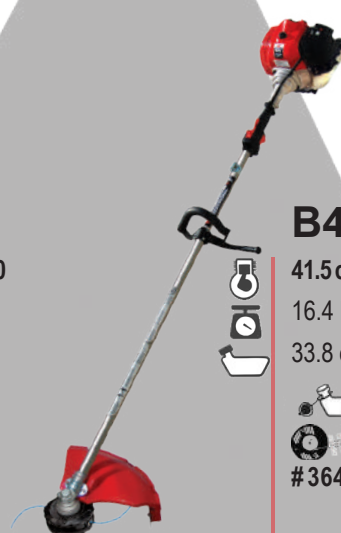
30.1 cc / CER300

11.5 lb

20.3 oz



#364853



B420L

41.5 cc / CER420

16.4 lb

33.8 oz



#364857

**MARUYAMA
TURBO**

TURBO TRIMMERS

are your best choice
for cutting dense, wet
grasses or thick ground covers
- as well as day to day lawn trimming.

The 1 : 1.9 gear reduction increases
torque resulting in greater power, without
making the engine work harder.

TURBOS DO IT ALL!!



B270L TURBO

25.4 cc / CER260

12.1 lb

20.3 oz



#364851



B300L TURBO

30.1 cc / CER300

12.2 lb

20.3 oz



#364854



Maruyama Trimmers and Brush-Cutters

are unique for what they do and how they do it. They are a rugged, dependable, day in and day out machine. Maruyama designs tools for good old-fashioned, roll up your sleeves, professional-grade use.

BRUSH CUTTER

OFFSET
HANDLEBAR



B420



41.5 cc / CER420

17.7 lb

33.8 oz



8mm shaft - solid steel

#364856

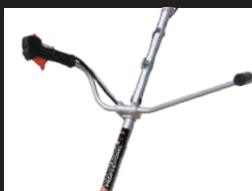


ERGONOMIC DESIGN SWIVEL HANDLE GRIP

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

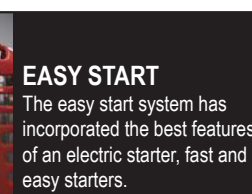
THREADED CLUTCH SHAFT

The solid steel inner drive-shaft is threaded at the clutch end, which eliminates vibration



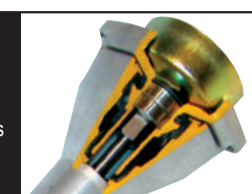
HIGH TORQUE ENGINE

Engineered with high compression ratio resulting in higher torque and power. CARB / EPA compliant.



EASY START

The easy start system has incorporated the best features of an electric starter, fast and easy starters.



DUAL ANTI-VIBRATION

Helps reduce operator fatigue and provides a more comfortable working experience.



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Adjust. Throttle w/Anti-Vibration Grip



Tank Retention Ring



Ergonomic Pull



Easy Start

MULTI CUTTERS



MULTI-CUTTERS SOLD AS POWER HEAD ONLY



M270QC



25.4 cc / CER260

10.4 lb

20.3 oz



#364858



M300QC



30.1 cc / CER300

10.1 lb

20.3 oz



#364859

BACK PACK MULTI-CUTTERS

M420BKQC



41.5 cc / CER420

23.4 lb

33.8 oz



#364860



- Iron 5-yr commercial warranty
- Ergonomically designed frame
- Fast & easy changes with the Quick-Connect™ System

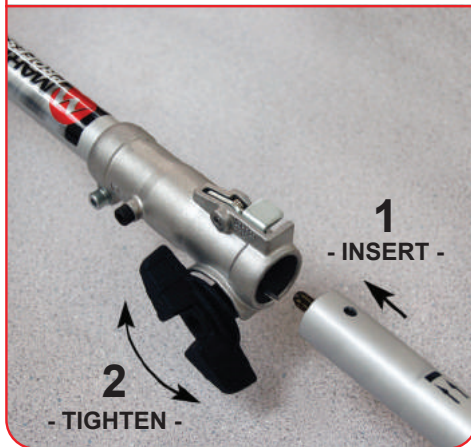


Displacement (cc)
 Dry Weight (lb)
 Fuel Tank Capacity (oz)
 Adjust. Throttle w/ Anti-Vibration Grip
 Tank Retention Ring
 Ergonomic Pull
 Easy Start



QUICK CONNECT™ MULTI-CUTTER ATTACHMENTS

QUICK CONNECT™



QC-S TRIMMER

Ideal for trimming along fences, walls, around flower beds and everyday landscaping.

#364527



QC-ST **TURBO** TRIMMER

Ideal for trimming along fences, walls, around flower beds and everyday landscaping. Featuring a powerful Turbo reduction gearbox 1.9 : 1

#364528



QC-HT

24 in.
HEDGE TRIMMER
Perfect for shaping long and wide hedges. 24" blade, fix head

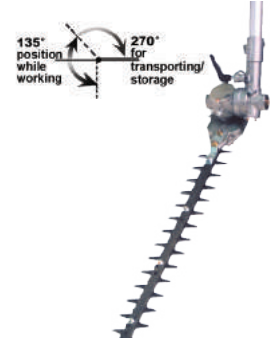
#364523



QC-HTS

18 in.
HEDGE TRIMMER
Perfect for shaping long and wide hedges. 18" blade, 132° articulating head

#364533



QC-HTR

24 in.
HEDGE TRIMMER
Perfect for shaping long and wide hedges. 24" blade, 270° articulating head

#364532



QC-PL

LONG PRUNER
Cuts high branches with ease, shaft length 59", 10" blade

#365014



QC-T

TILLER/CULTIVATOR
Ideal for turning flower bed soil and aerating

#364526



QC-LB

LANDSCAPE BLADE (V)
Heavy-duty gear-case, 360° Counter-rotating blades, 7mm solid steel driveshaft

#391431



QC-ES

STRAIGHT EDGER
For that perfect manicured edge along the sidewalk, driveways and patios. Adjustable blade height

#364525



QC-E EDGER

For that perfect manicure edge along the sidewalk, driveways and patios. Curve shaft, adjustable blade height

#364524





Maruyama Pole Pruners and Telescopic Pole Pruners have more power, durability and engineering than ever before. Every unit features superior Japanese technology and innovation.

PS300



30.1 cc / CER300

15.0 lb

20.3 oz

10 in Oregon



Max output: 9500 rpm

Chain oil cap: 6.1 oz

Chain: 91PX

Pitch: 3/8 in

#365011

(Bar & chain included)



- Iron 5-yr commercial warranty
- Lifetime warranty on driveshafts
- Automatic lubrication pump for bar and chain
- Commercial 10" bar & chain for smooth clean cutting



MORE POWER FOR THE PROS!



TPP270

25.4 cc / CER260

15.7 lb

20.3 oz

10 in Oregon

Max output: 9500 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

364866 (Bar & chain included)

- Iron 5-yr commercial warranty
- Lifetime warranty on driveshafts
- Heavy-duty, commercial-grade equipment made to last!
- Impressive cutting with a reach over 13 feet



HEDGE TRIMMERS



**PRECISION
SHARPENED
BLADES**
on ALL 3 SIDES*

**FORWARD
FACING EXHAUST**
No brown spots on hedges
due to downward exhaust.

Solid. Dependable. Simply The Best.

The finest hedge trimmer available today. Great for sculpting, sheering or reaching high branches, these extraordinary hedge trimmers are engineered to balance power, durability and comfort under heavy, daily use. Every Maruyama hedge trimmer features induction hardened steel blades and dual reciprocating movement for maximum sheering force. Better yet, every Maruyama hedge trimmer features precision ground and polished cutting edges for the cleanest cuts and minimum leaf “browning”.

All Maruyama hedge trimmers use the state-of-the-art CER engines, which are light-weight and powerful. The CER engine family is unrivaled in power to weight performance as well as being a low emission, compliant engine which uses far less fuel than previous generation engines.





H23F

22.5cc / CER230
 12.5 lb
 13.5 oz
 Length = 30 in
 #362408



H23FL

22.5cc / CER230
 13.8 lb
 13.5 oz
 Length = 40 in
 #362409



H23DF

22.5cc / CER230
 13.0 lb
 13.5 oz
 Length = 24 in
 #362404



H23DFL

22.5cc / CER230
 13.9 lb
 13.5 oz
 Length = 30 in
 #362405

MORE POWER FOR THE PROS!



5-POSITION ROTATING HANDLE



H23DFR

22.5cc / CER230
 11.7 lb
 13.5 oz
 Length = 24 in
 #362406



H23DFLR

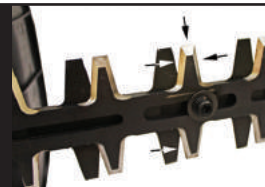
22.5cc / CER230
 12.6 lb
 13.5 oz
 Length = 30 in
 #362407



FORWARD EXHAUST SYSTEM
to eliminate hot downward exhaust onto shrubs



PRECISION SHARPENED BLADES
on ALL 3 SIDES



SUPERIOR AIR FILTER
on intake to prevent dirt, sand, etc. from entering carburetor



5-POSITION HANDLE
5-Position handle (R) on H23DFR & H23DFLR for easy hedge trimming



Displacement (cc)
 Dry Weight (lb)
 Fuel Tank Capacity (oz)
 Adjust. Throttle w/Anti-Vibration Grip
 Tank Retention Ring
 Ergonomic Pull
 Easy Start
 1-Side
 2-Sides
 5-Position Handle

D = Double, F = Forward Exhaust, L = Long Blade, R = Rotating Handle



Diagram illustrating the adjustable throttle mechanism. The throttle is labeled "ADJUSTABLE THROTTLE" and features a red lever with "HIGH" and "LOW" positions. A curved arrow indicates the range of adjustment. The throttle is connected to the engine via a black hose, which is labeled "Strong Compression Spring Rings".

- Iron 5-yr commercial warranty
- Lightweight
- Lifetime warranty on driveshafts
- Extreme-duty gearboxes - fixed and articulating models
- Industrial hardened steel blades on all Maruyama hedge trimmers





ENTRY LEVEL PROFESSIONAL EQUIPMENT

- Warranty - 5-yr consumer / 1-yr commercial
- High-powered Maruyama CER engines



BT230L TRIMMER



22.5 cc / CER230

10.1 lb

16.9 oz



#364845



BH24G HEDGE TRIMMER



22.5 cc / CER230

11.6 lb

13.5 oz



Length: 24" Rear fixed handle



Blades sharpened on 2 edges

#362410



BM240 MULTI-CUTTER



22.5 cc / CER230

9.9 lb

20.3 oz



Quick-Connect™



- QC tool attachments

* SEE PAGE 11 FOR QC TOOL ATTACHMENTS

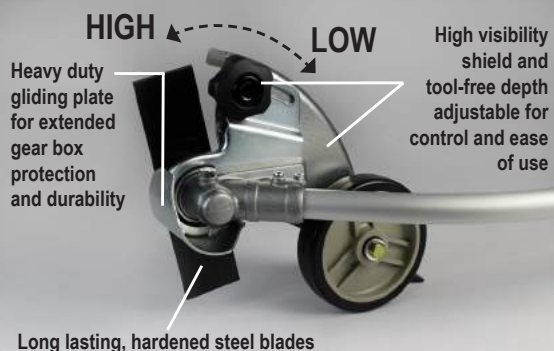
#364847

Multi-Cutters come with powerhead and shaft only



EDGERS - STRAIGHT & CURVED

ADJUSTABLE BLADE HEIGHT



- Professional 2-cycle engines
- New adjustable throttle



LANDSCAPE BLADE

While cutting with the landscape blade unit, there is virtually no flying gravel or debris damaging your trees, plants or even cars in parking lots. With the landscape blade unit, you target exactly what needs to be cut. The LB300 provides impressive cutting and edging around lawns, gardens, bunkers and sand traps.

**MORE
POWER
FOR THE PROS!**



LB300



30.1 cc / CER300

14.8 lb

20.3 oz



Overall length: 75 in
LANDSCAPE BLADE- V

#365013



Maruyama offers the only landscape blade that cuts in and around water areas, bunkers, sand traps and rock without launching objects everywhere.



The Landscape Blade V features two independent round, tooth blades that move in opposite directions for smooth, clean cutting.



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Adjust. Throttle w/Anti-Vibration Grip



Tank Retention Ring



Ergonomic Pull



Easy Start

BLOWERS



**MORE
POWER
FOR THE PROS!**



**AIR CONDITIONED PADDING
AND WIDE SHOULDER STRAPS**



**ADJUSTABLE
THROTTLE PISTOL**



**OPTIONAL:
TORNADO TIP BL9000**
Increase air volume
#276352



**OPTIONAL:
TORNADO TIP BL70**
Increase air volume
#131870

HAND-HELD BLOWER



BL32



30.1cc / CER300

9.4 lb

18.6 oz

#395833



Sound rating70 dB(A)

AIR volume~455 cfm

AIR velocity.....180 mph

**ADJUSTABLE
THROTTLE
CONTROL**



**OPTIONAL:
SHREDDER/
VACUUM
ATTACHMENT KIT**
w/ heavy-duty steel
shredder blade (included)
#395747






BACK PACK BLOWERS



NEW

BL70

 **60.9CC / CER600**
 20.9 lb
 71 oz
#395885






Sound rating75 dB(A)
 AIR volume*~904 cfm
 AIR velocity*180 mph
 Throttle Type.....Pistol



NEW

BL70-HA




 **60.9CC / CER600**
 20.9 lb
 71 oz
#395884



Sound rating75 dB(A)
 AIR volume*~904 cfm
 AIR velocity*180 mph
 Throttle Type.....Hip Assist



BL9000-GT




 **79.2cc / CER800**
 24 lb
 71 oz
#395880



Sound rating78 dB(A)
 AIR volume*~1068 cfm
 AIR velocity*225 mph
 Throttle Type.....Pistol



BL9000-GT-HA




 **79.2cc / CER800**
 24 lb
 71 oz
#395881



Sound rating78 dB(A)
 AIR volume*~1068 cfm
 AIR velocity*225 mph
 Throttle Type.....Hip Assist



BL9000




 **79.2 cc / CER800**
 24.0 lb
 71.0 oz
#395857



Sound rating78 dB(A)
 AIR volume*~1068 cfm
 AIR velocity*225 mph
 Throttle Type.....Pistol



BL9000-HA

 **79.2 cc / CER800**
 24.0 lb
 71.0 oz
#395863



Sound rating78 dB(A)
 AIR volume*~1068 cfm
 AIR velocity*225 mph
 Throttle Type.....Hip Assist





PRE-VENT SYSTEM

Debris and sawdust are dispersed leaving only clean air running through the carburetor



EASY START

Easy Start System incorporates the best features of an electric starter for fast and easy starters



ANTI-VIBRATION

Double protection for the operator



Compact. Balance. Extreme duty.

Maruyama's chainsaws are ideal for professional landscapers and tree-care specialists. Best used for cutting firewood, clearing land, and forestry. Great for cleaning up after natural disasters.



MORE POWER FOR THE PROS!

- Professional high RPM and super-fast acceleration
- eJUST chain tensioning on MCV31
- Carburetors have primer bulb on all MCV31s
- 1yr commercial / residential warranty



PROFESSIONAL CHAINSAWS

MCV31T-14



30.1 cc / CER300

7.1 lb

8.1 oz

14 in Oregon



Max output: 9500 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

#362813 (Bar & chain included)



MCV31R-14



30.1 cc / CER300

7.3 lb

8.1 oz

14 in Oregon



Max output: 9500 rpm

Chain oil cap: 6.1 oz

Chain: 91PX / Pitch: 3/8 in

#362812 (Bar & chain included)

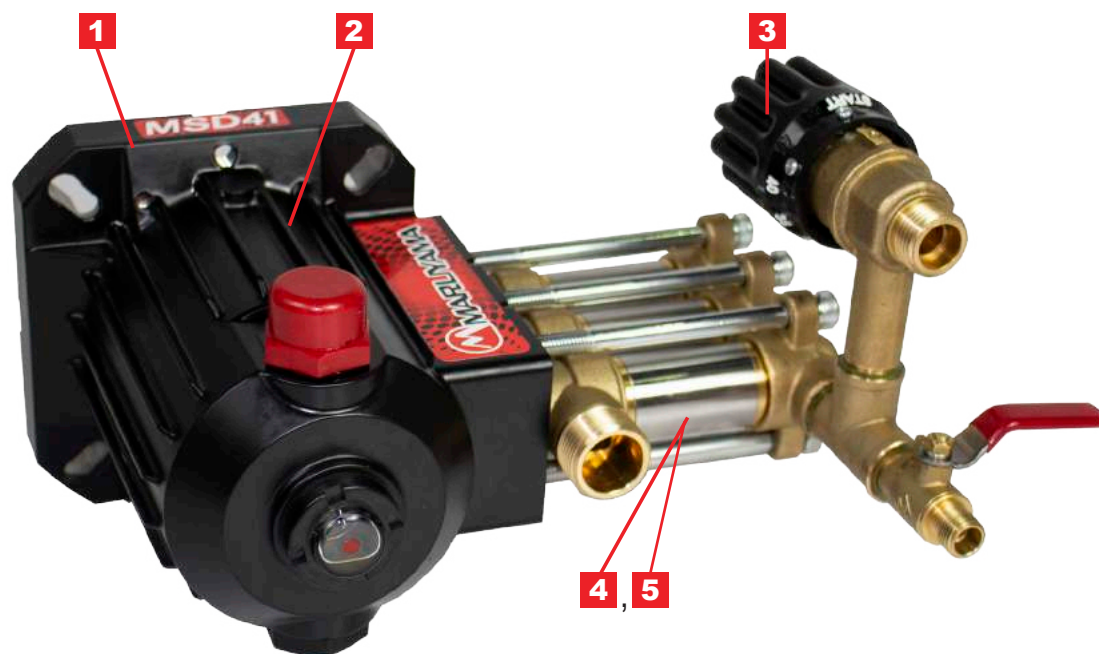
PROFESSIONAL CHAINSAW ACCESSORIES

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
840481	Bar 10", 3/8" for PS30 and TPP27	840482	Chain 10", 3/8" for PS30 and TPP27	841029	RIM Sprocket 0.325, 7T
842460	Bar 12", 3/8" for MCV331T-12	842457	Chain 12", 3/8" for MCV331T-12	840483	RIM Sprocket 3/8", 7T
842461	Bar 14", 3/8" for MCV331R-14	842458	Chain 14", 3/8" for MCV331R-14		
286828	Bar 14", 0.325 for MCV31R and MCV31T	289538	Chain 14", 0.325 for MCV31R and MCV31T		
842467	Bar 18", 3/8" for MCV381	842463	Chain 18", 3/8" for MCV381		
840874	Bar 20", 3/8" for MCV51	841025	Chain 18", 3/8" for MCV51R		
844049	Bar 20", 3.25" for MCV51	840715	Chain 20", 3/8" for MCV51R		
		844050	Chain 20", 3.25" for MCV51		



PISTON PUMPS

MARUYAMA UNIFLOW™ TECHNOLOGY - Maruyama piston pumps utilize our patented, simple UNIFLOW™ design which ensures fluid moves in only one direction throughout the pump without changing its direction. The piston pumps require less horsepower to operate at peak performance. This technology is unsurpassed for efficiency and reduced fuel consumption.



**MORE
POWER
FOR THE PROS!**

1. DIRECT COUPLING

Easy to mount to engine, reduced space and less components needed to complete the spray unit

2. RESISTANT CRANKCASE

Extremely durable materials for long term performance and corrosion resistance

3. PRESSURE REGULATOR

One knob to control working pressure and flow rates

4. HIGH EFFICIENCY CHROME CYLINDER

High-grade treated stainless steel cylinders for increased resistance to abrasion, chemicals and heat

5. SELF LUBRICATING AND SELF COOLING

The fluid moving through the pump provides lubrication and cooling for the pump



DIRECT DRIVE PISTON PUMPS



	MSD41 3/4"	MSD41 5/8"	MSD51 3/4"
Cylinders	3	3	3
Cylinder coating	CHROME	CHROME	CHROME
Direct drive type	GASOLINE	ELECTRIC	GASOLINE
Dry weight	11.7 lbs	11.7 lbs	17.2 lbs
Pressure (psi max.)	570	570	570
Suction volume (gpm @ 3600RPM)	8 gpm	8 gpm	10.6 gpm
Maximum RPM	3600	3600	3600
Required power (approx)	3.6 HP	3.6 HP	5.0 HP
Part number	366537	366538	366559

BELT-DRIVEN PUMPS



	MS332	MS415	MS655	MS755	MS905
Cylinders	3	3	3	3	3
Cylinder coating	CERAMIC	CERAMIC	CERAMIC	CERAMIC	CHROME
Drive type	BELT	BELT	BELT	BELT	BELT
Dry weight	15.9 lbs	24.3 lbs	48.0 lbs	52.5 lbs	88.2 lbs
Pressure (psi max.)	500	700	700	700	650
Suction volume (gpm)	6.0	7.9	14.5	15.8	25.8
Maximum RPM	1050	1000	1000	950	800
Required power (approx)	2.6 HP	3.5 HP	6.0 HP	7.0 HP	8-13 HP
Part number	354182	354130	354133	354134	354170



PISTON PUMP ENGINE COMBOS

Versatile as a power sprayer, simple as a re-power kit.

Assembled from components matched for compatibility and superior quality, Maruyama spray piston pump engine combos are unrivaled for performance and extraordinary durability.



Pump/Engine Combos	MSD41TEC-H	MS332ECH	MS415ECH
4-cycle - Honda-GX 160cc Engine (Approx. Hp)	5.5	5.5	5.5
Drive type	DIRECT	BELT	BELT
Pump type	Triplex piston	Triplex piston	Triplex piston
Cylinder Coating	CHROME	CHROME	CERAMIC
Spray Volume	8.0 gpm	6.0 gpm	7.9 gpm
Max Pressure	570 psi	500 psi	700 psi
Dry weight	71.6 lbs	79.3 lbs	88.1 lbs
Agitation	liquid bypass	liquid bypass	liquid bypass
Part Number	366545	358585	358584



Each pump combo includes suction hose, strainer assembly and bypass hose (with exception of MSD41TEC-H)

**MORE
POWER
FOR THE PROS!**



SKID SPAYERS



Product design and specification may be changed without prior announcement.

- Choice of FOUR chemical tank sizes: 50, 100, 200, & 300 gallon
- Maruyama's Legendary UNIFLOW™ Piston Pump: MSD41 (direct drive) paired with Honda GX160 engine
- Corrosion resistant aluminum frame on 50, 100, and 200 gallon configuration
- Durable polyethylene tanks
- Stacked "TOPS" only available on 50 and 100 gallon configuration
- Optional electric reel and 3-roller hose guide available on all skid sprayers
- 100% commercial-grade
- Complete line of optional guns, wands, nozzles and extensions available

MSD41 Direct Drive Pump

Maruyama's UNIFLOW PISTON PUMPS are legendary throughout the world.

(MSD41 pump specs on pg. 25)



50 GALLON ALUMINUM FRAME



Model	MSD41-50T	MSD41-50TE
Description	50 Gallon TOP	50 Gallon TOP
Frame	Aluminum	Aluminum
Dry Weight (lbs.)	290	305
Hose Reel	Manual	Electric
Length (inches)	42	42
Width (inches)	27	27
Height (inches)	37	37
Part Number	849053A	849054A

100 GALLON ALUMINUM FRAME



Model	MSD41-100T	MSD41-100TE	MSD41-100	MSD41-100E
Description	100 Gallon TOP	100 Gallon TOP	100 Gallon Standard	100 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	309	324	362	377
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	42	42	48	48
Width (inches)	27	27	48	48
Height (inches)	49.5	49.5	43.5	43.5
Part Number	849169A	849189A	849068A	849069A



200 GALLON STEEL FRAME



Model	MSD41-200	MSD41-200E
Description	200 Gallon Standard	200 Gallon Standard
Frame	Steel	Steel
Dry Weight (lbs.)	480	495
Hose Reel	Manual	Electric
Length (inches)	60	60
Width (inches)	50	50
Height (inches)	43.5	43.5
Part Number	849083	849084

300 GALLON STEEL FRAME



Model	MS655-300E	MS755-300E
Description	300 Gallon Standard	300 Gallon Standard
Frame	Steel	Steel
Dry Weight (lbs.)	740	772
Hose Reel	Electric	Electric
Length (inches)	69	69
Width (inches)	63.5	63.5
Height (inches)	44.2	44.2
Part Number	849310	849311



PORTABLE SPRAYERS



Excellent Control, Performance and Results.

Maruyama portable power sprayers offer the best performance and durability in its class. Maruyama's unique UNIFLOW positive displacement piston pump offers a consistent pressure providing supreme chemical coverage and penetration. The continuous improvement allows us to reach working pressures of up to 356 psi. This allows us to effectively use a second lance and an endless number of specialized spray accessories. Ideal for the application of agrochemicals in agriculture, gardening, farms, greenhouses, open field crops, shrubs, fruit trees, vegetables and pest control applications.

**MORE
POWER
FOR THE PROS!**



BACKPACK SPRAYER



MS75



30.1 cc / CER300

21.0 lb

20.3 oz



Chem. tank capacity = 6.6 gal

Suction volume = 1.9 gpm

4-dial pressure settings =
90, 180, 270, & 356

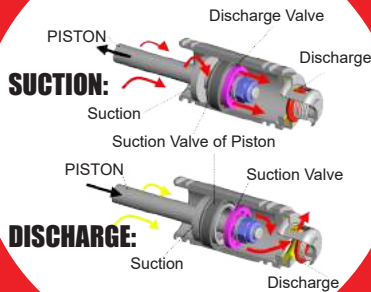
Liquid bypass agitation

353028

Optional Cart

- Aluminum, non-caustic finish
- Lightweight & sturdy
- Rubber tires

645941



- Maruyama Patented Uniflow™ Technology
- Self-priming, self-lubricating and self-cooling Dual piston pump for increased pressure

BARREL TOP SPRAYER VERSATILE & COMPACT

MS75E



30.1 cc / CER300

16.3 lb

20.3 oz



Suction volume = 1.9 gpm

4-dial pressure settings = 90, 180, 270, & 356

Liquid bypass agitation

353027



Maruyama's Barrel Top Sprayer Comes COMPLETE!

Includes: pump, suction and bypass hoses, 20m of hose and a U2L spray gun (#116126)

SPOT SPRAYER

MS75E-25 SS



30.1 cc / CER300

36.0 lb

20.3 oz



Compact dimensions:
34"w x 18"d x 26"h

Chem. tank capacity = 25 gal

Suction volume = 1.9 gpm

4-dial pressure settings =
90, 180, 270, & 356

Liquid bypass agitation

849094



BACKPACK MISTERS & DUSTERS



BOOSTER NOZZLE

LIQUID WEIGHT BALANCE
Even distribution of chemicals during application



SIDE THROTTLE

ADJUSTABLE DIAL
Mist flow adjustment on tube



HEAVY DUTY FAN



MISTER

MM300



30.1 cc / CER300

15.65 lb

20.3 oz

Chem. tank capacity = 3.43 gal

Flow settings = variable

352799



ULV-F for MM300

841068

Fogger Attachment
shown on MM300 MISTER



MM300
Mister Tip

DROPLET TEST:
SMD= 55-64 microns



FOGGER Tip

NEW

MISTER

MM91



79.2 cc / CER800

24.3 lb

67.0 oz

Chem. tank capacity = 3.43 gal

Flow settings = 4

352873



**MORE
POWER
FOR THE PROS!**

DUSTER

MD300



30.1 cc / CER300

19.4 lb

20.3 oz

Flow settings = 27 (3x9)

352826



BATTERY SPRAYER

- IRON 5-Yr COMMERCIAL WARRANTY
- RECHARGABLE Lithium-Ion battery (battery covered by Makita warranty)
- Lightweight and extremely durable

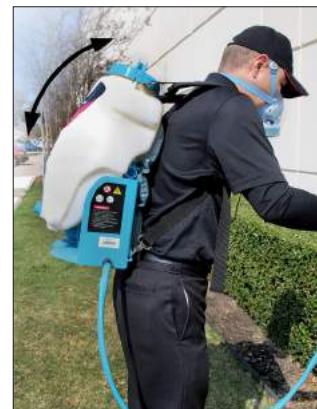


MS40 Li



Dry weight = 11.7 lb
 Tank capacity = 3.9 gal
 Volume = 0.39 gpm
 Charging time = 22 minutes
 Pressure (3 settings) = 145 / 72 / 43 psi
 Working time = 45 / 120 / 300 min
 Lithium ION battery =
 Makita 18V-3.0Ah BL1830 (# 133560)

353080



PIVOTING TANK
 Better weight distribution
 of liquid during use



Shown with
 1-pt adjustable nozzle #127460
 (included)



Shown with
 black dual wide-nozzle #471938
 (included)



Adjustable nozzle #127460
 and telescopic nozzle pipe
 #465077
 (optional)



Displacement (cc)



Dry Weight (lb)



Fuel Tank Capacity (oz)



Adjust. Throttle w/Anti-Vibration Grip



Tank Retention Ring



Ergonomic Pull



Easy Start



MANUAL SPREADER AND DUSTER

MG51

MANUAL DUSTER

Dry weight = 6.2 lb
Tank cap. = 1.2 gal
Volume (powder) = 0-14.2 oz/min

338129



MG10

MANUAL SPREADER

Dry weight = 3.7 lb
Tank cap. = 3.0 gal
Volume (granules) = 77.8 oz/min

338119



TRENCHING TOOL



Using the T300 trenching tool gives quick access to foundations, etc. for more targeted termite treatments

T300

30.1CC / CER 300

Dry weight = 16 lb

Tank cap. = 20.3 oz

365012



- Solid steel driveshaft
- CARB & EPA compliant
- 5yr commercial warranty

WATER PUMP

- Powerful 30.1cc 2-Cycle engine
- Iron-5yr commercial warranty
- Amazing 32 gallon per minute flow rate
- Cast iron impellers and silicon carbide pump seals
- Ceramic mechanical seals
- Easy start system – spring assist technology for easy starting

MIP2534S

PORTABLE WATER PUMP

30.1CC / CER 300

11 lb

20.3 oz

332334



Optional irrigation and fire suppression kit available # 286705

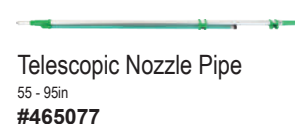
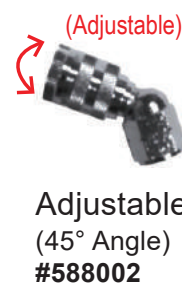


SPRAY GUNS AND ATTACHMENTS

FOR PORTABLE AND BACKPACK SPRAYERS

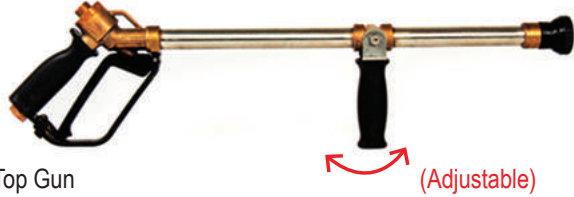


#353028 MS75 + #116126 U2L Gun



SPRAY GUNS AND ATTACHMENTS

FOR SKID SPRAYERS



Top Gun
#832505

(Adjustable)



#832505 Top Gun (different spray settings)



#417257 High End Nozzle (different spray settings)



Soil Injector
#639258



#639258 Soil Injector



High End Nozzle
#417257

(Adjustable)



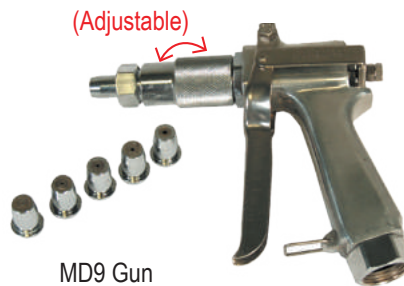
Super Zoom P-700
#417221



4-Nozzle Boom
#637153

NOZZLES FOR MD9 GUN

- #842441 #2 Nozzle, 0.8 mm, 0.3-1.0 gpm
- #842442 #4 Nozzle, 1.5mm, 1.0-3.0 gpm
- #842443 #5 Nozzle, 2mm, 2.0-5.0 gpm
- #842444 #8 Nozzle, 3mm, 3.0-8.0 gpm
- #840925 #6 Nozzle (standard),
2.5mm, 3.6 gpm



MD9 Gun
#842404



#842404 MD9 Gun



TRIMMER HEADS

M-TWIST LOW PROFILE BUMP HEAD

M-Twist EASY FEED Bump Head

PREMIUM trimmer bump head with metal bump plate for longer life

EASY!



4.5 in. **M-Twist EZ-FEED**

(LFT hand M/F) - 24-ct Display Pkg

463743

Accepts line up to & including 0.130" round.



5.5 in. **M-Twist EZ-FEED**

(LFT hand M/F) - Bulk Packaging

426930

(Best bump head for 41.5cc equipment)

Accepts line up to & including 0.130" & 0.155" round.



1. Line up the arrow on the head with the eyelet



2. Feed the trimmer line through the head



3. Pull line through* - make both sides equal lengths



4. Twist head "clockwise" until ~8" trimmer line shows



4.5" **EZ-FEED**
POP-UP RETAIL DISPLAY

NOTE: If loading line from a spool, two extended arm lengths is good.

HEAD FOR CURVED SHAFT TRIMMER



4.5 in. **Semi Auto Head**
for curved shaft trimmer
840418

FIXED-LINE TRIMMER HEADS - LOW PROFILE

KATANA AKAI (RED)

The KATANA AKAI fixed-line head is made of a very durable alloy and is very lightweight.

Accepts all of Maruyama's trimmer line weights, EXCEPT 0.155 square.

AKAI - 4 in. Fixed Line Head

Clamshell Packaging

840337



FIXED LINE HEAD - 4 in.

The aluminum fixed-line head is very durable and incredibly lightweight.

Accepts all of Maruyama's trimmer line weights, INCLUDING 0.155 square.



Aluminum Fixed Line Head

288424



COMMERCIAL TRIMMER LINE

Maruyama's heavy-duty trimmer line has a resistant outer layer (round, square & twist) to reduce noise and friction, improving cutting efficiency



XDR - ROUND RED

PART NO.	DESCRIPTION	UNITS/CS
845501	.095" / 288.6ft / 1.0lb donut	12
845502	.095" / 865.6ft / 3.0lb spool	4
845503	.095" / 1442.4ft / 5.0lb spool	4
845505	.105" / 239ft / 1.0lb donut	12
845506	.105" / 716.6ft / 3.0lb spool	4
845507	.105" / 1194.2ft / 5.0lb spool	4
845509	.130" / 154.1ft / 1.0lb donut	12
845510	.130" / 462.1ft / 3.0lb spool	4
845511	.130" / 770.1ft / 5.0lb spool	4
845512	.155" / 106.7ft / 1.0lb donut	12
845513	.155" / 319.7ft / 3.0lb spool	4
845514	.155" / 532.8ft / 5.0lb spool	4

EDGE - SQUARE ORANGE

PART NO.	DESCRIPTION	UNITS/CS
845516	.095" / 288.6ft / 1.0lb donut	12
845517	.095" / 686.3ft / 3.0lb spool	4
845518	.095" / 1143.9ft / 5.0lb spool	4
845520	.105" / 187.7ft / 1.0lb donut	12
845521	.105" / 562.5ft / 3.0lb spool	4
845522	.105" / 937.5ft / 5.0lb spool	4
845524	.130" / 121.0ft / 1.0lb donut	12
845525	.130" / 362.7ft / 3.0lb spool	4
845526	.130" / 604.5ft / 5.0lb spool	4
845527	.155" / 82.4ft / 1.0lb donut	12
845528	.155" / 247.1ft / 3.0lb spool	4
845529	.155" / 411.8ft / 5.0lb spool	4

SONIC - TWIST BLUE

PART NO.	DESCRIPTION	UNITS/CS
845531	.095" / 277.2ft / 0.8lb donut	12
845532	.095" / 1,390.3ft / 4.0lb spool	4
845533	.095" / 3,129.1ft / 9.0lb spool	1
845534	.095" / 6,255ft / 18.0lb donut	1
845536	.105" / 236.2ft / 0.8lb spool	12
845537	.105" / 1,184ft / 4.0lb spool	4
845538	.105" / 2,155ft / 9.0lb donut	1
845539	.105" / 4,312.2ft / 18.0lb spool	1
845541	.130" / 123ft / 0.8lb spool	12
845542	.130" / 618ft / 4.0lb donut	4
845543	.130" / 1,346ft / 9.0lb spool	1



BLADES AND HANDLEBAR KITS

PART NO.	DESCRIPTION
3-TOOTH BLADE	
227910	9"/230 mm blade w/1" arbor
841380	10"/255 mm blade w/1" arbor
4-TOOTH BLADE	
210179	9"/230 mm blade w/1" arbor
054751	10"/255 mm blade w/1" arbor
8-TOOTH BLADE	
840895	10"/255 mm blade w/1" arbor

PART NO.	DESCRIPTION
26-TOOTH SAW BLADE	
840956	10"/255 mm blade w/1" arbor
40-TOOTH SAW BLADE	
841384	10"/255 mm blade w/1" arbor
80-TOOTH SAW BLADE	
422408	10"/255 mm blade w/1" arbor

ADJUSTABLE THROTTLE KIT

Recommended for better control.

PART NO. **242591**

DESCRIPTION

Adjustable Throttle Kit

Not compatible with B230C / B23C and B420L / B42L



HANDLEBAR ADAPTER KITS

Recommended for metal blade usage
- For bullhorn/handlebar configuration.



PART NO. DESCRIPTION

242583 Handlebar Kit for Standard Trimmers

- Not including B230C / B23C, B420 / B42 and BIG-M BT230C / BT23C

242585 Handlebar Kit for TURBO Trimmers

- Includes all Maruyama Turbos, including Turbo tool attachments

SAFETY AND PROMOTIONAL PRODUCTS

234477 Heavy-duty, Full Back Support Brush Cutter Harness	228086 Orange, Full Support Brush Cutter Harness	220533 Quick-Release Brush Cutter Shoulder Strap	420282 Forestry Helmet, Visor w/Hearing Protection	845494 Lightweight, Reflective Vest - 12/box	845496 Corded Ear Plugs - 100/box	845493 - Smoke Safety Glasses w/ LOGOS - 12/box	845670 12-ply, Adjustable Wrap-Around Safety Chaps

LOGO CAPS

CAMOUFLAGE - w/ branch/leaf pattern # 845818	"LEGALIZE" CAMOUFLAGE - w/ branch/leaf pattern # 845818A = w/ LEGALIZE	RED MESH Back - w/BLACK cap/bill # 845921	BLACK w/RED SANDWICH on bill - # 845819	KHAKI - Soft-feel w/black sandwich bill - # 845816

"LEGALIZE" MARUYAMA CAMOS



Cool, Dry-Weave Shirts

Digital camo design on dark green dry-weave shirt.
Feels GREAT and Looks GREAT!!

"LEGALIZE" DRY-WEAVE T-SHIRTS

S	# 845744
M	# 845745
L	# 845746
XL	# 845747
2XL	# 845748
3XL	# 845749



Cotton / Polyester Blend

Vertical LOGO T-Shirts

Grey and red t-shirts with vertical logo and website on front left side.

Gildan 6.1oz. - 50/50 cotton/poly blend

GREY T-SHIRTS

S	# 845796
M	# 845827
L	# 845828
XL	# 845829
2XL	# 845830
3XL	# 845831

RED T-SHIRTS

S	# 845799
M	# 845822
L	# 845823
XL	# 845824
2XL	# 845825
3XL	# 845826



MODEL SPECIFICATIONS

TRIMMERS AND BRUSH CUTTERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Page No.
B420	364856	41.5cc	CER420	17.7 lb	33.8 oz	✓	8mm	solid steel	1 : 1.36		ergo	✓	bicycle	fixed	8
B230C curved	364848	22.5cc	CER230	10.5 lb	16.9 oz	✓	curved	flex	direct drive		ergo	✓	✓	4.5 in	9
B230L	364849	22.5cc	CER230	11.3 lb	16.9 oz	✓	7mm	solid steel	1 : 1.46	✓	ergo	✓	✓	4.5 in	9
B270L	364850	25.4cc	CER260	11.7 lb	20.3 oz	✓	7mm	solid steel	1 : 1.46	✓	ergo	✓	✓	4.5 in	9
B270L TURBO	364851	25.4cc	CER260	12.1 lb	20.3 oz	✓	7mm	solid steel	1 : 1.92	✓	ergo	✓	✓	4.5 in	9
B270L TURBO (HI)	364852	25.4cc	CER260	12.1 lb	20.3 oz	✓	7mm	solid steel	1 : 1.92	✓	ergo	✓	✓	fixed	9
B300L	364853	30.1cc	CER300	11.5 lb	20.3 oz	✓	7mm	solid steel	1 : 1.46	✓	ergo	✓	✓	4.5 in	9
B300L TURBO	364854	30.1cc	CER300	12.2 lb	20.3 oz	✓	7mm	solid steel	1 : 1.92	✓	ergo	✓	✓	4.5 in	9
B300L TURBO (HI)	364855	30.1cc	CER300	12.2 lb	20.3 oz	✓	7mm	solid steel	1 : 1.92	✓	ergo	✓	✓	fixed	9
B420L	364857	41.5cc	CER420	16.4 lb	33.8 oz	✓	8mm	solid steel	1 : 1.36		ergo	✓	✓	5.5 in	9
BT230L	364845	22.5cc	CER230	10.1 lb	16.9 oz		7mm	solid steel	1 : 1.46	✓	ergo	✓	✓	4.5 in	15
BT230L Hawaii	364846	22.5cc	CER230	10.1 lb	16.9 oz		7mm	solid steel	1 : 1.46	✓	ergo	✓	✓	fixed	15

MULTI CUTTERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Page No.
M270QC split shaft	364858	25.4cc	CER260	10.4 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓		18
M300QC split shaft	364859	30.1cc	CER300	10.2 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓		18
M420BK-QC	364860	41.5cc	CER420	23.5 lb	33.8 oz	✓	flex	7mm hollow steel	-		ergo	✓	✓		18
BM240 split shaft	364847	22.5cc	CER230	9.9 lb	16.9 oz	✓	7mm	solid steel		✓	ergo	✓	✓		15

EDGERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Page No.
E270 curved	364861	25.4cc	CER260	14.4 lb	20.3 oz	✓	curved	flex	1 : 1.33	✓	ergo	✓	✓	9" blade	16
E300S straight	364862	30.1cc	CER300	14.6 lb	20.3 oz	✓	7mm	solid steel	1 : 1.47	✓	ergo	✓	✓	9" blade	16

LANDSCAPE BLADE / TILLER

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Page No.
LB300	365013	30.1cc	CER300	14.8 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓	model V	17
T300	365012	30.1cc	CER300	16.1 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓		35

EXTENDED-REACH HEDGE TRIMMERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Page No.
EH230D	364863	22.5cc	CER230	13.3 lb	16.9 oz	✓	7mm	solid steel	1 : 4.92	✓	ergo	✓	✓	20" blade	14
EH230DSL	364864	22.5cc	CER230	14.3 lb	16.9 oz	✓	7mm	solid steel	1 : 4.92	✓	ergo	✓	grip	24" blade	14
EH270D-S	364865	25.4cc	CER260	13.5 lb	20.3 oz	✓	7mm	solid steel	1 : 4.92	✓	ergo	✓	✓	20" blade	14

PORTABLE WATER PUMP

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Suction Volume	Pump Head	Intake Port	Discharge Port	Page No.
MIP2534S	332334	30.2cc	CER300	11.0 lb	20.3 oz	✓	30 gpm	118ft	1"	1"	35



HEDGE TRIMMERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Forward Exhaust	Extreme Gearbox	Handle Type	Blade Length	Hardened Steel Blades	Sharp Edges	Page No.
H23F single	362408	22.5cc	CER230	12.5 lb	13.5 oz	✓	✓	offset 90°	30"	✓	3 edges	13
H23FL single	362409	22.5cc	CER230	13.8 lb	13.5 oz	✓	✓	offset 90°	40"	✓	3 edges	13
H23DF double	362404	22.5cc	CER230	13.0 lb	13.5 oz	✓	✓	fixed	24"	✓	3 edges	13
H23DFL double	362405	22.5cc	CER230	13.9 lb	13.5 oz	✓	✓	fixed	30"	✓	3 edges	13
H23DFR double	362406	22.5cc	CER230	13.0 lb	13.5 oz	✓	✓	5-rotation	24"	✓	3 edges	13
H23DFLR double	362407	22.5cc	CER230	13.9 lb	13.5 oz	✓	✓	5-rotation	30"	✓	3 edges	13
BH24G	362410	22.5cc	CER230	11.6 lb	13.5 oz	✓	✓	fixed	24"	✓	2 edges	15

BLOWERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Throttle Type	Air Volume	Air Velocity	2-Stage Air Filtration	Sound Rating	Grill Cover & Tube	Page No.
BL9000-GT -SP	395880	79.2cc	CER800	24 lb	71 oz	pistol	~1068 cfm*	~225 mph*	✓	78 dB(A)	✓	21
BL9000-GT-HA	395881	79.2cc	CER800	24 lb	71 oz	hip	~1068 cfm*	~225 mph*	✓	78 dB(A)	✓	21
BL70-SP	395885	60.9cc	CER600	20.9 lb	71 oz	pistol	~904 cfm*	~180 mph*	✓	75 dB(A)	x	21
BL70-HA	395884	79.2cc	CER800	20.9 lb	71 oz	hip	~904 cfm*	~180 mph*	✓	75 dB(A)	x	21
BL32 hand held	395833	30.1cc	CER300	9.5 lb / 4.3 kg	16.9 oz / 0.5 L	trigger	~450 cfm	~180 mph		70 dB(A)		20

* Data recorded with the Tornado Tip attached. - Optional Tornado Tip available for the BL9000-GT models - **#276352** and for the BL70 models - **#131870**

CHAINSaws

Model Name	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Cap.	Handle Type	Maximum Output	Chain Oil Capacity	Bar Length	Chain Type	Pitch	Page No.
MCV31T-14	362813	30.1cc	2-cycle	7.1 lb	8.1 oz	top	9500 rpm	6.1oz	14 in	91PX	3/8 in	23
MCV31R-14	362812	30.1cc	2-cycle	7.3 lb	8.1 oz	rear	9500 rpm	6.1oz	14 in	91PX	3/8 in	23

POLE PRUNERS

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Start Assist	Driveshaft Diameter	Driveshaft	Reduct G-Box Ratio	Adjust. Throttle	Pull Start	Fuel Cap Ret. Ring	Loop Handle	Bump Head	Page No.
PS300 pole saw	365011	30.1cc	CER300	15.0 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓	10" bar	10
TPP270 telescopic	364866	25.4cc	CER260	15.7 lb	20.3 oz	✓	7mm	solid steel	-	✓	ergo	✓	✓	10" bar	11

PORTABLE SPRAYERS

Model	Part Number	Displacement	Dry Weight	Chem. Tank Capacity	Fuel Tank Capacity	Carb/EPA Engine	Start Assist	Pump Type	Suction Volume	Pressure Settings	Pressure PSI	Liquid Agitation	Page No.
MS75 backpack	353028	30.1cc	21.0 lb	6.6 gal	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270 356 psi	✓	31
MS75E barrel top	353027	30.1cc	21.0 lb	N/A	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270, 356 psi	✓	31
MS75E-25SS	849094	30.1cc	36.0 lb	25.0 gal	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270 356 psi	✓	31

MISTERS AND DUSTERS

Model	Part Number	Displacement	Dry Weight	Chem. Tank Capacity	Fuel Tank Capacity	Carb/EPA Engine	Start Assist	Pump Type	Tip Type	Flow Settings	Atomizer Volume	Dust Volume	Granular Volume	Page No.
MM300 mister	352799	30.1cc	15.65 lb	3.9 gal	20.3 oz	CER300	✓	N/A	55-64 microns	variable	0-0.79 gpm	na	na	33
MM91 mister	352873	79.2cc	24.3 lb	3.43 gal	67.0 oz	CER800		N/A		4	0-1.32 gpm			33
MD300 duster	352826	30.1cc	19.4 lb	3.9 gal	20.3 oz	CER300		N/A		27 (3x9)		0-17.6 lb/min	0-35.3 lb/min	33

BATTERY SPRAYER

Model	Part Number	Battery	Dry Weight	Chem. Tank Capacity	Volume	Pressure Settings	Pressure Psi	Working Time (Minutes)	Makita Battery	Items Included	Page No.
MS40Li Backpack	353080	Lithium-Ion	11.7 Lb	3.9 Gal	0.39 Gpm	3	145, 72 & 43 Psi	45 / 120 / 300	18v-3 0ah BL1830	Single Wand Nozzles #127460 & #117958	34



CHEMICAL APPLICATION EQUIPMENT

UNIFLOW PISTON PUMPS

Model	Part Number	Pump Drive Type	Number Cylinders	Direct Drive Type (PWR)	Cylinder Coating	Dry Weight	Suction Volume @ 3600 RPM	Maximum Pressure	Maximum RPM	Required Power	Page No.
MSD41 3/4"	366537	direct-drive	3	gasoline	chrome	11.7 lb	8 gpm	580 psi	3600 rpm	~3.6 hp	25
MSD41 5/8"	366538	direct-drive	3	electric	chrome	11.7 lb	8 gpm	580 psi	3600 rpm	~3.6 hp	25
MSD51 3/4"	366559	direct-drive	3	gasoline	chrome	17.2 lb	10.6 gpm	580 psi	3600 rpm	~5.0 hp	25
MS332	354182	belt-driven	3	gasoline	ceramic	15.9 lb	6 gpm	500 psi	1050 rpm	~2.6 hp	25
MS415	354130	belt-driven	3	gasoline	ceramic	24.3 lb	7.9 gpm	700 psi	1000 rpm	~3.5 hp	25
MS655	354133	belt-driven	3	gasoline	ceramic	48.0 lb	14.5 gpm	700 psi	1000 rpm	~6.0 hp	25
MS755	354134	belt-driven	3	gasoline	ceramic	52.5 lb	15.8 gpm	700 psi	950 rpm	~7.0 hp	25
MS905	354170	belt-driven	3	gasoline	chrome	88.2 lb	25.8 gpm	650 psi	800 rpm	~8-13 hp	25

PUMP / ENGINE COMBOS

Model	Part Number	Pump Drive Type	Number Cylinders	Direct Drive Type (Pwr)	Cylinder Coating	Dry Weight	Suction Volume @ 3600 RPM	Maximum Pressure	Maximum RPM	Required Power	Honda 4-Cycle Engine	Items Included	Page No.
MSD41TEC-H	366545	direct-drive	3	gasoline	chrome	66.0 lbs	8 gpm	570 psi	3600 RPM	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	26
MS331ECH	849130	belt-driven	3	electric	chrome	79.0 lb	6 gpm	500 psi	1050 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	26
MS415ECH	849145	belt-driven	3	gasoline	ceramic	88.0 lb	7 gpm	700 psi	1000 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	26

SKID SPRAYERS

Model	Part Number	Tank Volume	MSD41 Pump-Engine	Honda Engine 4- Cycle	Hose Reel Type	Volume gpm	Frame Finish	Frame Color	Dry Weight	Dimensions	Hose Diameter & Length	Page No.
MSD41-50T	849053A	50-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	290 lb	27" x 42" x 37"h	3/8" / 328'	28
MSD41-50TE	849054A	50-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	305 lb	27" x 42" x 37"h	3/8" / 328'	28
MSD41-100T	849169A	100-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	309 lb	27" x 42" x 49.5"h	3/8" / 328'	28
MSD41-100TE	849189A	100-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	324 lb	27" x 42" x 49.5"h	3/8" / 328'	28
MSD41-100 Standard	849068A	100-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	362 lb	48" x 48" x 43.5"h	3/8" / 328'	28
MSD41-100E Standard	849069A	100-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	377 lb	48" x 48" x 43.5"h	3/8" / 328'	28
MSD41-200 Standard	849083	200-gal	3/4" gasoline	GX160	manual	8	powder-coated steel	red	480 lb	50" x 60" x 43.5"h	3/8" / 328'	29
MSD41-200E Standard	849084	200-gal	3/4" gasoline	GX160	electric	8	powder-coated steel	red	495 lb	50" x 60" x 43.5"h	3/8" / 328'	29
MS655-300E Standard	849310	300-gal	3/4" gasoline	GX160	electric	8	powder-coated steel	red	740 lb	69" x 63.5" x 44.2"h	3/8" / 328'	29
MS755-300E Standard	849311	300-gal	3/4" gasoline	GX160	electric	8	powder-coated steel	red	772 lb	69" x 63.5" x 44.2"h	3/8" / 328'	29



MARUYAMA WARRANTY

MARUYAMA



COMMERCIAL WARRANTY

- Lifetime Warranty for solid steel driveshaft and ignition coils.
 - 5 years for qualified IRON 5-YR™ commercial, institutional, or industrial use.
 - 2 years for residential or commercial use with competitor's oil.
 - 90 days for rental use.
 - Engine - Refer to engine manufacturer's warranty statement.
- Only Maruyama engines are covered by this limited warranty statement.

The IRON 5-YR™ Commercial Warranty program is only available for Maruyama hand-held engine-powered units and only to registered and authorized Maruyama dealers.

In order to qualify each machine for the IRON 5-YR™, user must purchase and use enough Maruyama oil (or equivalent ISO-L-EGD or JASO FD) to operate the machine throughout the engine optimization period*.

* Optimization period is the first 80 hrs of use or the use of 6 gallons pre-mix. After that point, the user must continue to use an ISO-L-EGD or JASO FD 2-cycle oil with a minimum 89 octane high-quality gasoline. Maruyama's oil meets or exceeds the ISO-L-EGD and JASO FD Standard and is specially formulated for optimum performance in Maruyama's engine powered products.

Repair or replacement as provided under this warranty is the exclusive remedy of the consumer. Maruyama shall not be liable for any incidental or consequential damages for breach of any express or implied warranty on these products except to the extent prohibited by law. Any implied warranty of merchantability or fitness for a particular purpose on these products is limited in duration to the warranty period as defined in the limited warranty statement. Maruyama reserves the right to change or improve the design on the product without notice and does not assume obligation to update previously manufactured products.

This warranty provides you with specific legal rights which may vary from state to state. It is the Owners and Dealers responsibility to make sure the Warranty Registration Card is properly filled out and mailed to Maruyama U.S., Inc. Proof of purchase and registration will be required to obtain warranty service. Not for use outside of the US and Canada.

5-DAY BUYBACK PROGRAM



The 5-Day Buyback Program is simple! An end user can purchase any qualifying product, use it for five days and if not completely satisfied, return it to the selling dealer for a full refund. Dealers will receive a 15% rebate of dealer's unit cost (as a credit on dealer's acct.) on any returned unit with approved submission of completed 5-Day Buy-Back form and receipt for unit and oil purchased. This is meant to offset the reduced selling price of the used unit. The dealer retains the unit.

The program is only available for hand-held engine-powered units carrying the IRON 5-YR™ Warranty and is available only to registered and authorized Maruyama dealers. A validated purchase of Maruyama Premium 2-cycle Maruyama Blue Ultra-Shield™ or Formula XD oil or the equivalent is required.



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