



COMMERCIAL CHEMICAL APPLICATION EQUIPMENT

| FULL PRODUCT LINE



<https://maruyama-us.com/>

**MORE
POWER
FOR THE PROS!**



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WELCOME

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 postdepression 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.

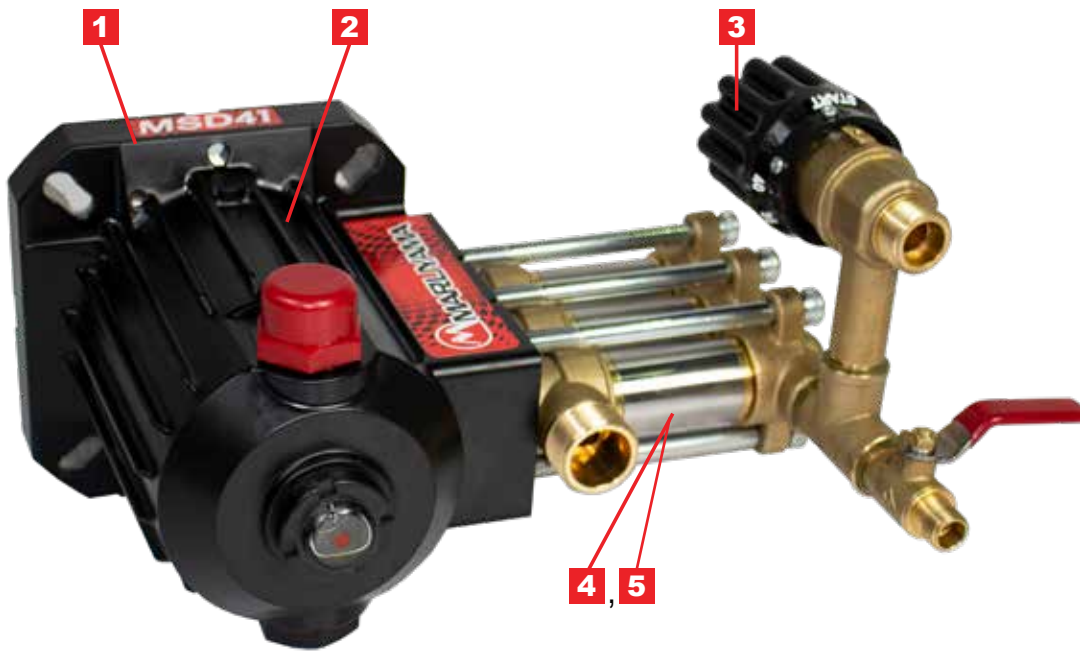


TAKAHARU UCHIYAMA
President

MASANOBU OGASHIRA
Chairman

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
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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

Chrome plated interior 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	10.5 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



	MS339	MS419	MS659	MS759
Cylinders	3	3	3	3
Cylinder coating	CERAMIC	CERAMIC	CERAMIC	CERAMIC
Drive type	BELT	BELT	BELT	BELT
Dry weight	15.9 lbs	24.3 lbs	41.9 lbs	44.0 lbs
Pressure (psi max.)	510	725	725	725
Suction volume (gpm)	7.9	8.5	14.5	17.5
Maximum RPM	1050	1100	1000	950
Required power	2.8 HP	4.3 HP	7.4 HP	9.0 HP
Part number	366594	366592	354274	354275

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	MS339ECH	MS419ECH
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	7.9 gpm	8.5 gpm
Max Pressure	570 psi	510 psi	725 psi
Dry weight	71.6 lbs	79.3 lbs	88.1 lbs
Agitation	liquid bypass	liquid bypass	liquid bypass
Part Number	366545	358778	358779



Each pump combo includes suction hose, strainer assembly and bypass hose

**MORE
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SKID SPRAYERS



Product design and specification may be changed without prior announcement.

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

MSD41 Direct Drive Pump

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

(MSD41 pump specs on pg. 5)



MSD41T 3/4" PUMP 50 GALLON ALUMINUM FRAME



Model	MSD41-50T	MSD41-50TE	MSD41-200	MSD41-200E
Description	50 Gallon TOP	50 Gallon TOP	200 Gallon Standard	200 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	208	223	310	325
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	44	44	60	60
Width (inches)	28	28	50	50
Height (inches)	42	42	44	44
Part Number	849302	849301	849308	849309

MSD41T 3/4" PUMP 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.)	245	260	219	234
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	42	44	44	44
Width (inches)	28	28	48	48
Height (inches)	50	50	44	44
Part Number	849304	849305	849306	849307



MSD51T 3/4" PUMP 50 GALLON ALUMINUM FRAME



Model	MSD51-50T	MSD51-50TE	MSD51-200	MSD51-200E
Description	50 Gallon TOP	50 Gallon TOP	200 Gallon Standard	200 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	217	232	319	334
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	44	44	60	60
Width (inches)	28	28	50	50
Height (inches)	42	42	44	44
Part Number	849313	849312	849318	849319

MSD51T 3/4" PUMP 100 GALLON ALUMINUM FRAME



Model	MSD51-100T	MSD51-100TE	MSD51-100	MSD51-100E
Description	100 Gallon TOP	100 Gallon TOP	100 Gallon Standard	100 Gallon Standard
Frame	Aluminum	Aluminum	Aluminum	Aluminum
Dry Weight (lbs.)	254	269	228	243
Hose Reel	Manual	Electric	Manual	Electric
Length (inches)	42	44	44	44
Width (inches)	28	28	48	48
Height (inches)	50	50	44	44
Part Number	849314	849315	849316	849317



Legendary Patented Pump Technology

Maruyama's patented UNIFLOW™ piston pumps are the best on the market. The positive displacement and extreme-duty engineering make them the most economical to run while still achieving low/high volumetric efficiency and minimal pulsation.

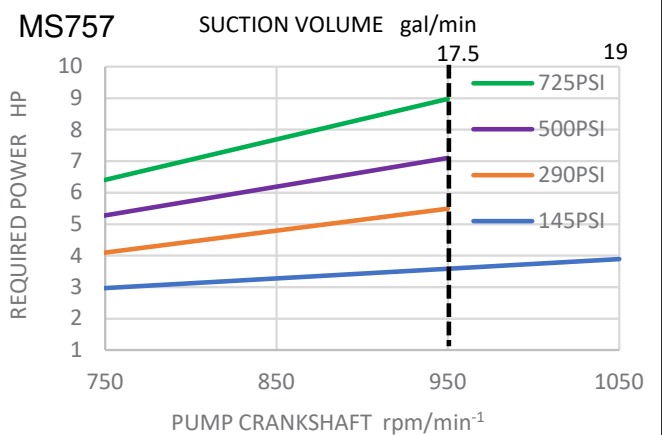
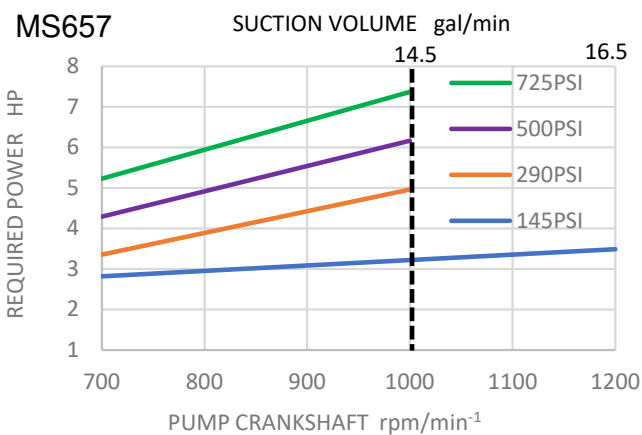
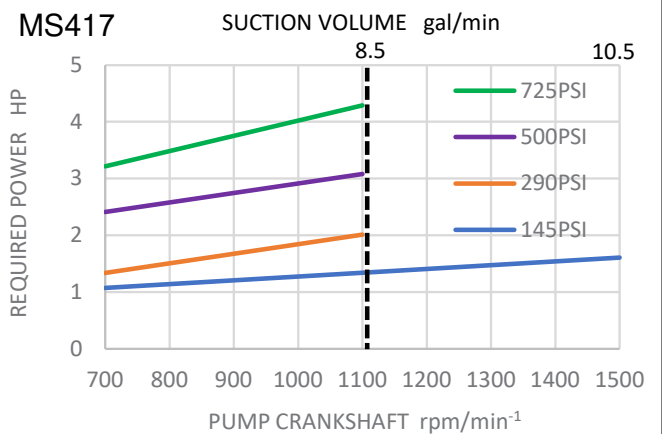
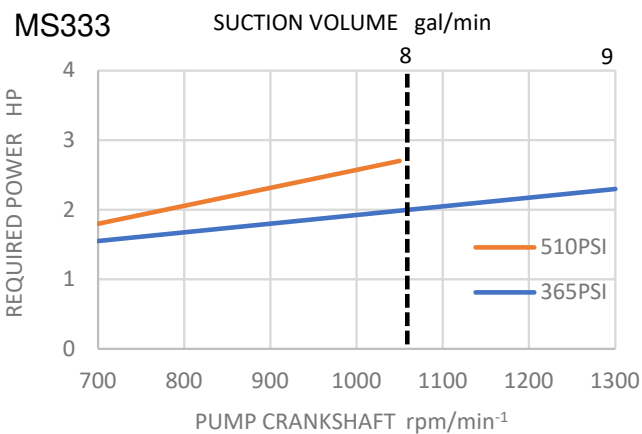
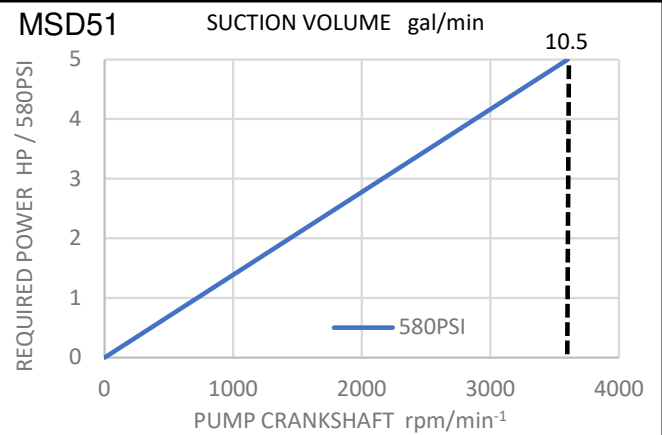
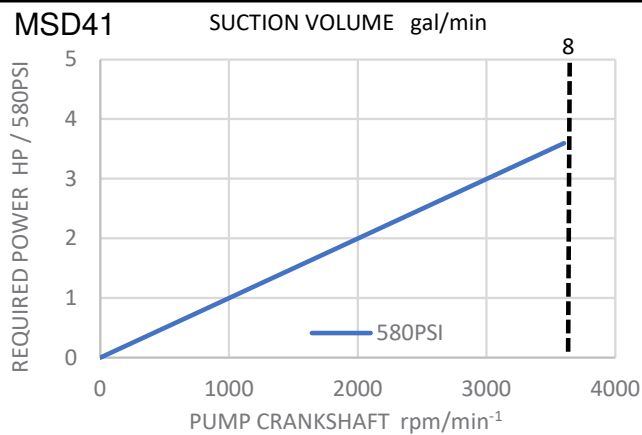
These charts show both the suction volume (gal/min at various rpms) and also the required power (hp - kw) needed at those specific rpms.

Maruyama recommends the Honda-GX series engines to be used with these pumps.

- The unique valve design uses the inertia of the moving fluid to create a smooth and continuous flow that is self-lubricating and self-priming
- Premium materials like stainless-steel cylinders, forged, chrome-moly crankshafts, oversized ball bearings, diecast aluminum crank cases and Viton cylinder packings provide performance, strength and reliability
- Self-cooling and lubricating—reduces chance of contamination



MORE POWER FOR THE PROS!



BACKPACK AND 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.



BACKPACK SPRAYER

**MORE
POWER
FOR THE PROS!**



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

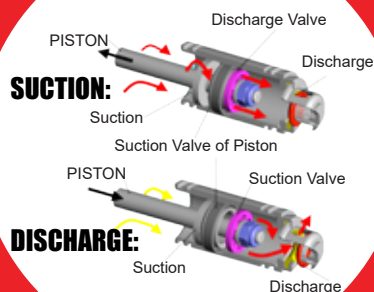
Optional Cart

Aluminum, non-caustic finish

Lightweight & sturdy

Rubber tires

402287



- 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



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



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



Displacement (cc)



Dry Weight (kg)



Fuel Tank (L)



Easy Start

MISTERS AND DUSTER



MM91 -V MIST BLOWER



ASSISTED STARTER
Even the softest pull will start the unit

LIQUID WEIGHT BALANCE
Places center of gravity lower on back



20%

80%



ADJUSTABLE HANDLE
Improved tube control

NEW BOOSTER NOZZLE
Even distribution of chemicals during application



HEAVY DUTY FAN
One piece design for durability





MISTER

MM91-V



79.2 cc / CER800

25.6 lb

67.0 oz

Max Reach (H) = 52 ft
Max Reach (V) = 42 ft
Chem. tank capacity = 3.43 gal
Flow settings = 4
352873



MISTER

MM300



30.1 cc / CER300

15.65 lb

20.3 oz

Max Reach (H) = 32 ft
Max Reach (V) = 20 ft
Chem. tank capacity = 3.43 gal
Flow settings = variable
352799



DUSTER

MD300



30.1 cc / CER300

19.4 lb

20.3 oz

Flow settings = 27 (3x9)
352826



Pistol Grip
on Misters



MM300
Mister Tip
DROPLET TEST:
SMD= 55-64 microns

Backpack MISTER/BLOWER

Atomizer volume (gpm)	0 - 0.79 gpm	0 - 1.32 gpm	---
Duster volume (lb/min)	---	---	0-17.64 lb/min
Granular volume (lb/min)	---	--	0-35.27 lb/min
Item number	352799	352873	352826



BATTERY SPRAYER

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

MS40Li

11.7 lb

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)



WATER/TRANSFER PUMP



Utilized throughout the world in the toughest applications (including agriculture, construction, and emergency flood relief) this transfer pump is designed to stand up to commercial challenges. Awesome power, rugged durability and Maruyama's long experience in pump technology have come together to create a small footprint and versatile water transfer pump.

- Quick-connect fitting included
- Compact and lightweight, yet professional grade with extreme durability



Optional irrigation and fire suppression kit available # 286705

MIP2534S



30.1cc / CER300

11 lbs.

20.3 oz

Flow rate = 32 gpm

Dynamic head = 125 ft

Intake suction port = 1 inch

#366606

BLUE ULTRA-SHIELD

- The most advanced technology in 2-cycle engine oil
- Superior synthetic blend oil that gives premium protection to internal moving parts reducing maintenance costs
- Formulated with fuel stabilizer
- Cleans engine and protects against carbon particle buildup
- Exceeds JASO-FD quality standards
- Promotes exceptional engine performance and long engine life
- Blue color makes it easy to identify gasoline mix in containers
- Mixes instantly with gasoline



PART #	DESCRIPTION	Bottles per Case	Cases per Pallet
849860	Blue Ultra-Shield - 2.6oz. Bottle (1-gal mix)	24	144
849861	Blue Ultra-Shield - 6.4oz. Bottle (2.5-gal mix)	24	128
849862	Blue Ultra-Shield - 12.8oz. Bottle (5-gal mix)	24	60

TRACTOR MOUNTED BOOM SPRAYERS



Maruyama's tractor sprayers are ideal for small and medium size farms. Ideal for sugar cane, berries, and row produce growth in narrow rows.

- Extreme-duty Maruyama professional boom sprayer which mounts easily to any kind of small tractor*
- Maruyama's legendary triple piston pumps ensures durable, efficient service
- Adjustable 2-directional nozzles on the booms increase productivity and saves time, so you are not having to change out different types of nozzles in the field between sprays

* Tractor not included



2-DIRECTION
YAMAHA NOZZLE



2-DIRECTION
ISO NOZZLE



	BSM201	BSM-301	BSM-500
Applicable tractor class	Class 1 17-23 HP	Class 1 20-50 HP	Class 2 40-125 HP
Piston pump	MS331	MS331	MS655s
Flow rate	7.9 gal/min	7.9 gal/min	14.0 gal/min
Max pressure	435 psi	435 psi	435 psi
Chemical tank capacity	52.8 gallons	80 gallons	140 gallons
Boom length	13.8 ft	24.6 ft	33.5 ft
Nozzle type	14 nozzles (2-direction)	25 nozzles (2-direction)	34 nozzles (2-direction)
Nozzle type	ISO	Yamaha	Yamaha
Dry weight	253.5 lbs	275.5 lbs	440.9 lbs
Part number	328290	720032	328244



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



Displacement (cc)



Dry Weight (kg)



Fuel Tank (L)



Easy Start

SPRAYER ACCESSORIES

SPRAY GUNS AND ATTACHMENTS

FOR PORTABLE AND BACKPACK SPRAYERS



#353028 MS75 + #116126 U2L Gun



U2L Gun
#478969



Adjustable Nozzle
(45° Angle)
#588002



Adjustable Nozzle
#127460



Wide Nozzle Ass'y
(NN-D-5A)
#417938



Ring Type
5-Head Nozzle A
#074206



2-Nozzle Wand
Length 6.7in
#417232



3-Nozzle Wand
Length 10.6in
#639508



#417938 Wide Nozzle Ass'y



#074206 Ring Type 5-Head Nozzle A



#417232 2-Nozzle Wand, Length 17cm



3-Nozzle Wand
length 22in
#417233



Nozzle Pipe
34.7in
#465062



Nozzle Pipe
58.3in
#465065

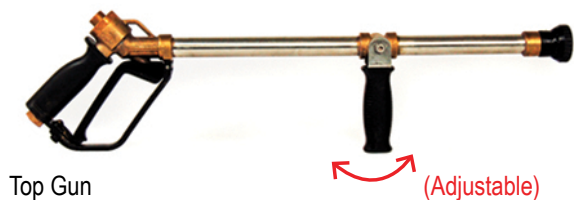


Telescopic Nozzle Pipe
55 - 95in
#465077



SPRAY GUNS AND ATTACHMENTS

FOR SKID SPRAYERS



Top Gun
#832505



#832505 Top Gun (different spray settings)



#417257 High End Nozzle (different spray settings)



Soil Injector
#639258



#639258 Soil Injector



High End Nozzle
#417257



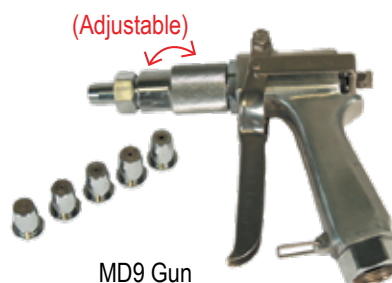
Super Zoom P-700
#474830



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



MODEL SPECIFICATIONS

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	570 psi	3600 rpm	~3.6 hp	5
MSD41 5/8"	366538	direct-drive	3	electric	chrome	11.7 lb	8 gpm	570 psi	3600 rpm	~3.6 hp	5
MSD51 3/4"	366559	direct-drive	3	gasoline	chrome	17.2 lb	10.5 gpm	570 psi	3600 rpm	~5.0 hp	5
MS339	366594	belt-driven	3	gasoline	ceramic	15.9 lb	8 gpm	510 psi	1050 rpm	~2.6 hp	5
MS419	366592	belt-driven	3	gasoline	ceramic	24.3 lb	8.5 gpm	725 psi	1000 rpm	~3.5 hp	5
MS659	354274	belt-driven	3	gasoline	ceramic	48.0 lb	14.5 gpm	725 psi	1000 rpm	~6.0 hp	5
MS759	354275	belt-driven	3	gasoline	ceramic	52.5 lb	17.5 gpm	725 psi	950 rpm	~7.0 hp	5

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	71.6 lbs	8 gpm	570 psi	3600 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	6
MS339ECH	358778	belt-driven	3	gasoline	chrome	79.3 lb	6 gpm	510 psi	1050 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	6
MS419ECH	358779	belt-driven	3	gasoline	ceramic	88.1 lb	7.9 gpm	725 psi	1000 rpm	~5.5 hp =	GX160	suction hose, strainer assy & bypass hose	6

SKID SPRAYER - MSD41T 3/4" PUMP

Model	Part Number	Tank Volume	MSD41 Pump-Engine /Motor	Honda Engine 4- Cycle	Hose Reel Type	Volume gpm	Frame Finish	Frame Color	Dry Weight	Dimensions	Hose Diameter & Length	Page No.
MSD41-50T	849302	50-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	208 lb	44" x 28" x 42"	3/8" / 328'	8
MSD41-50TE	849301	50-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	223 lb	44" x 28" x 42"	3/8" / 328'	8
MSD41-100T	849304	100-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	245 lb	44" x 28" x 50"	3/8" / 328'	8
MSD41-100TE	849305	100-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	260 lb	44" x 28" x 50"	3/8" / 328'	8
MSD41-100 Standard	849306	100-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	219 lb	44" x 48" x 44"	3/8" / 328'	8
MSD41-100E Standard	849307	100-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	234 lb	44" x 48" x 44"	3/8" / 328'	8
MSD41-200 Standard	849308	200-gal	3/4" gasoline	GX160	manual	8	aluminum	silver	310 lb	60" x 50" x 44"	3/8" / 328'	8
MSD41-200E Standard	849309	200-gal	3/4" gasoline	GX160	electric	8	aluminum	silver	325 lb	60" x 50" x 44"	3/8" / 328'	8

SKID SPRAYER - MSD51T 3/4" PUMP

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.
MSD51-50T	849313	50-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	217 lb	44" x 28" x 42"	3/8" / 328'	9
MSD51-50TE	849312	50-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	232 lb	44" x 28" x 42"	3/8" / 328'	9
MSD51-100T	849314	100-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	254 lb	44" x 28" x 50"	3/8" / 328'	9
MSD51-100TE	849315	100-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	269 lb	44" x 28" x 50"	3/8" / 328'	9
MSD51-100 Standard	849316	100-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	228 lb	44" x 48" x 44"	3/8" / 328'	9
MSD51-100E Standard	849317	100-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	243 lb	44" x 48" x 44"	3/8" / 328'	9
MSD51-200 Standard	849318	200-gal	3/4" gasoline	GX200	manual	10.5	aluminum	silver	319 lb	60" x 50" x 44"	3/8" / 328'	9
MSD51-200E Standard	849319	200-gal	3/4" gasoline	GX200	electric	10.5	aluminum	silver	334 lb	60" x 50" x 44"	3/8" / 328'	9

PORTABLE SPRAYERS

Model	Part Number	Displacement	Dry Weight	Chem. Tank Capacity	Fuel Tank Capacity	Carb/EPA Engine	Easy Start	Pump Type	Suction Volume	Pressure Settings	Pressure PSI	Liquid Aggitation	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	✓	13
MS75E barrel top	353027	30.1cc	16.3 lb	N/A	20.3 oz	CER300	✓	dual piston	1.9 gpm	4	90, 180, 270, 356 psi	✓	13
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	✓	13



MISTERS AND DUSTER

Model	Part Number	Displacement	Dry Weight	Chem. Tank Capacity	Fuel Tank Capacity	Carb/EPA Engine	Easy Start	Pump Type	Tip Type	Flow Settings	Atomizer Volume	Dust Volume	Granular Volume	Page No.
MM300 mister	352799	30.1cc	15.65 lb	3.43 gal	20.3 oz	CER300	✓	N/A	55-64 microns	variable	0-0.79 gpm	N/A	N/A	15
MM91-V mister	352873	79.2cc	25.6 lb	3.43 gal	67.8 oz	CER800		N/A		4	0-1.32 gpm	N/A	N/A	15
MD300 duster	352826	30.1cc	19.4 lb	3.43 gal	20.3 oz	CER300		N/A		27 (3x9)		0-17.6 lb/min	0-35.3 lb/min	15

BATTERY SPRAYER

Model	Part Number	Battery	Dry Weight	Chem. Tank Capacity	Volume	Pressure Settings	Pressure Variable	Working Time (Minutes)	Makita Battery	Items Included	Page No.
MS40Li Backpack	353080	Lithium-Ion	11.7 Lb	3.9 Gal	0.39 Gpm	3	45-145 Psi	45 / 120 / 300	18v-3 0ah B1830	Single Wand Nozzles #127460 & #117958	16

PORTABLE WATER PUMP

Model	Part Number	Displacement	Carb/EPA Engine	Dry Weight	Fuel Tank Capacity	Easy Start	Suction Volume	Pump Head	Intake Port	Discharge Port	Page
MIP2534S	366606	30.2cc	CER300	11.0 lb	20.3 oz	✓	30 gpm	118ft	1"	1"	17

TRACTOR MOUNTED BOOM SPRAYERS

Model	Part Number	Applicable tractor class	Piston pump	Flow rate	Max pressure	Chemical tank capacity	Boom length	Nozzle type	Nozzle type	Dry weight	Page No.
BSM201	328290	Class 1 20-50 HP	MS331	7.9 gal/min	435 psi	52.8 gallons	13.8 ft	14 nozzles (2-direction)	ISO	253.5 lbs	18
BSM-301	720032	Class 1 20-50 HP	MS331	7.9 gal/min	435 psi	80 gallons	24.6 ft	25 nozzles (2-direction)	Yamaha	275.5 lbs	18
BSM-500	328244	Class 2 40-125 HP	MS655s	14.0 gal/min	435 psi	140 gallons	33.5 ft	34 nozzles (2-direction)	Yamaha	440.9 lbs	18

MANUAL SPREADER AND DUSTER

Model	Part Number	Dry Weight	Tank Capacity	Volume	Page No.
MG51	338129	6.2 lbs	1.2 gal	(powder) = 0-14.2 oz/min	19
MG10	338119	3.7 lb	3.0 gal	(granules) = 77.8 oz/min	19



For more information regarding your products specific Maruyama warranty, please ask your Authorized Maruyama Dealer, visit www.maruyama-us.com/warranty, or consult the warranty card that comes with your product.



5-DAY BUYBACK PROGRAM



**5-DAY
BUY BACK**

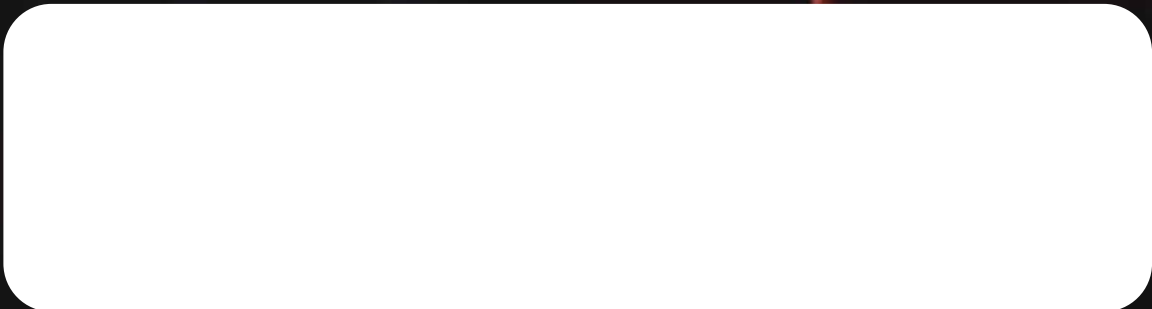
The 5-Day Buyback Program is simple! Purchase any qualifying product, use it for five days and if you're if not completely satisfied, return it to the selling dealer for a full refund.

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 the equivalent is required.



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