

MI Gmatic™ M-Series

**Air-Cooled MIG (GMAW)
Welding Guns**



Quick Specs

Industrial Applications

Auto body
Fabrication
Hobby
Maintenance and repair

Processes

MIG (GMAW)
Flux-cored (FCAW)

Rated Output M-100: 100 A, M-150: 150 A

Duty Cycle 100% with CO₂ gas, 60% with mixed gas

Net Weight 3.2–6.0 lb. (1.5–2.7 kg)



Convert to AccuLock™ MDX™ nozzles and contact tips with use of conversion kit or diffuser (see back page).

Three-piece nozzle construction extends nozzle life by reducing wear and helps prevent rocking of nozzle on contact tip adapter.

Interchangeable contact tips help reduce parts inventory.

Brass contact tip adapter helps prevent galling, sticking and stripping of threads.

Steel spring strain relief protects power cable from wear and helps prevent liner from kinking, allowing better wire feedability.

360-degree rotatable gooseneck permits trigger activation with either the finger or thumb.

Interchangeable monocoil liners help reduce parts inventory and are available in most wire sizes.

Specifications (Subject to change without notice.)

Model	Stock No.	Cable Length	Rated Output	Duty Cycle	Standard Wire Size	Weight
M-100	248282	10 ft. (3 m)	100 A	100% with CO ₂ gas, 60% with mixed gas	.030–.035 in. (0.8–0.9 mm)	3.2 lb (1.5 kg)
M-150	249039	10 ft. (3 m)	150 A	100% with CO ₂ gas, 60% with mixed gas	.030–.035 in. (0.8–0.9 mm)	4.4 lb (2.0 kg)
	249040	12 ft. (3.7 m)				4.7 lb (2.1 kg)
	249041	15 ft. (4.6 m)				6.0 lb (2.7 kg)



Miller Electric Mfg. LLC

An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

Equipment Sales US and Canada

Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

MillerWelds.com



Consumables

M-Series Consumables



M-Series Gun Consumable Kits

234607 .023/.025 in. (0.6 mm)

234608 .030 in. (0.8 mm)

234609 .035 in. (0.9 mm)

For M-100 and M-150 MIG guns. Kits include ten contact tips, one contact tip adapter, one standard nozzle and a consumable storage box.

Contact Tips (10 per package)

087299 .023/.025 in. (0.6 mm)

000067 .030 in. (0.8 mm)

000068 .035 in. (0.9 mm)

000069 .045 in. (1.2 mm)

Contact Tip Adapter (2 per package) 169716

Nozzle (2 per package) 246372

1/2 in. ID, flush

15 ft. Monocoil Replacement Liners

194010 .023/.025 in. (0.6 mm)

194011 .030-.035 in. (0.8-0.9 mm)

194012 .035-.045 in. (0.9-1.2 mm)

AccuLock™ MDX™ Consumables

Note: In order to use AccuLock MDX consumables with M-100 and M-150 guns, Conversion Kit (1880269) or Conversion Diffuser (1070115) is required.



AccuLock MDX Conversion Kit for MIGmatic M-Series Guns 1880269

Converts M-100 and M-150 MIG guns to use .030/.035 in. (0.8/0.9 mm) AccuLock MDX nozzles and tips. Kit contains one conversion diffuser (1070115), five contact tips (T-M030), five contact tips (T-M035) and one nozzle (NS-M1200C).



Conversion Diffuser 1070115

Converts M-100 and M-150 MIGmatic M-Series guns to use AccuLock nozzles and contact tips.

Contact Tips (10 per package)

T-M023 .023 in. (0.6 mm)

T-M030 .030 in. (0.8 mm)

T-M035 .035 in. (0.9 mm)

T-M045 .045 in. (1.2 mm)

T-M047 3/64 in. (1.2 mm)

Nozzles

NS-M1200B Brass, 1/2 in. ID, flush

NS-M1200C Copper, 1/2 in. ID, flush

NS-MFLX Gasless nozzle

10 ft. Monocoil Replacement Liners

LM1A-10 .023/.025 in. (0.6 mm)

LM2A-10 .030-.035 in. (0.8-0.9 mm)

LM3A-10 .035-.045 in. (0.9-1.2 mm)

Ordering Information

MIG Gun	Stock No.	Description	Qty.	Price
M-100	248282	10 ft. (3 m) for .030-.035 in (0.8-0.9 mm) wire		
M-150	249039	10 ft. (3 m) for .030-.035 in (0.8-0.9 mm) wire		
	249040	12 ft. (3.7 m) for .030-.035 in (0.8-0.9 mm) wire		
	249041	15 ft. (4.6 m) for .030-.035 in (0.8-0.9 mm) wire		

Date:

Total Quoted Price:

Distributed by:

