

MIGmatic™ M-Series

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Air-Cooled MIG (GMAW) Welding Guns 

Quick Specs

Industrial Applications

Auto Body
Fabrication
Hobby
Maintenance and Repair

Process

MIG (GMAW)
Flux Cored (FCAW)

Rated Output M-10: 100 A, M-15: 150 A, M-25/M-25M: 250 A, M-40: 400 A

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

Weight 3.2–10.9 lb (1.5–4.9 kg) depending on gun

The Power of Blue.®

M-Series welding guns are an ideal match for Miller integrated MIG packages or other Miller wire feeders.

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.

Single-piece high-impact handle is almost indestructible with ergonomic design.



Steel spring strain relief protects power cable from wear and helps prevent liner from kinking, allowing better wire feedability. (Not available on M-10).

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.

Optional adapter kits are also available that enable M-Series guns to adapt to other brands of welding equipment.



Guns are warranted for 90 days parts and labor.

Specifications (Subject to change without notice.)

Model	Cable Length	Rated Output	Duty Cycle	Standard Wire Size	Weight
M-10	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-15	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)
	12 ft (3.7 m)				4.7 lb (2.1 kg)
	15 ft (4.6 m)				6.0 lb (2.7 kg)
M-25	10 ft (3 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.030–.035 in (0.8–0.9 mm)	5.4 lb (2.5 kg)
	12 ft (3.7 m)				6.0 lb (2.7 kg)
	15 ft (4.6 m)				7.2 lb (3.3 kg)
M-25M	15 ft (4.6 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.030–.035 in (0.8–0.9 mm)	7.5 lb (3.4 kg)
M-40	10 ft (3 m)	400 A	100% with CO ₂ gas, 60% with mixed gas	.035–.045 in (0.9–1.2 mm)	8.3 lb (3.7 kg)
	12 ft (3.7 m)				9.5 lb (4.3 kg)
	15 ft (4.6 m)				10.9 lb (4.9 kg)



Miller Electric Mfg. Co.
An Illinois Tool Works Company
1635 West Spencer Street
Appleton, WI 54914 USA

International Headquarters
Phone: 920-735-4505
USA FAX: 920-735-4134
Canadian FAX: 920-735-4169
International FAX: 920-735-4125

Web Site
www.MillerWelds.com



Genuine Miller Accessories (Order from Miller Service Parts.)

M-10/15 Gun Convenience Kit #193 973

- 3 – .023/.025 in (0.6 mm) contact tips (#087 399)
- 5 – .030 in (0.8 mm) contact tips (#000 067)
- 5 – .035 in (0.9 mm) contact tips (#000 068)
- 1 – Contact tip/nozzle adapter (#169 716)
- 2 – Shock washers (#169 717)
- 3 – O-rings (#170 471)
- 1 – 1/2 in (13 mm) dia. orifice nozzle (#169 715)

M-25/40 Gun Convenience Kit #193 975

- 5 – .035 in (0.9 mm) contact tips (#000 068)
- 5 – .045 in (1.2 mm) contact tips (#000 069)
- 2 – Contact tip adapter (#169 728)
- 1 – Nozzle adapter (#169 729)
- 3 – O-rings (#170 468)
- 2 – Shock washers (#169 730)
- 1 – 5/8 in (16 mm) dia. orifice nozzle (#169 726)

Machine Adapter Kit #201 723

Allows MIGmatic welding guns to adapt to older Hobart products (Handler, Handler 120 and 150, BETA-MIG 170, 1800, 200, 250, 251 and BETA-MIG II).

Machine Adapter Kit #201 722

Allows MIGmatic welding guns to adapt to older Miller products (10, 30, 70, and 80 Series wire feeders).

Machine Adapter Kit #201 724

Allows MIGmatic welding guns to adapt to Lincoln products (LN-7, LN-8, LN-9, LN-22 and LN-25 series wire feeders; and SP-150, SP-200 and SP-250 machines).

Aluminum Conversion Kit #172 136

For M-25 and M-40 only. Allows 10 ft (3 m) guns to feed 3/64 in (1.2 mm) aluminum wire.

Consumables (Order from Miller Service Parts.)

Consumable	M-10/15	M-25	M-40
Contact Tips			
.023/.025 in (0.6 mm)	#087 299	#087 299	#087 299
.030 in (0.8 mm)	#000 067	#000 067	#000 067
.030 in (0.8 mm) tapered		#176 797	#176 797
.035 in (0.9 mm)	#000 068	#000 068	#000 068
.035 in (0.9 mm) tapered		#176 793	#176 793
.035 in (0.9 mm) heavy-duty		#187 117	#187 117
.045 in (1.2 mm)	#000 069	#000 069	#000 069
.045 in (1.2 mm) tapered		#176 794	#176 794
.045 in (1.2 mm) heavy-duty		#187 118	#187 118
3/64 in (1.2 mm) aluminum wire		#172 034	#172 034
1/16 in (1.6 mm)			#172 024
5/64 in (2.0 mm)			#172 025
Contact Tip and Nozzle Adapters			
Contact tip/nozzle adapter	#169 716		
Contact tip adapter		#169 728	#169 728
Nozzle adapter		#169 729	#169 729
Nozzles			
1/2 in (13 mm) orifice flush tip (standard on M-10/15)	#169 715		
Spot flat	#176 237		
Spot inside corner	#176 239		
Spot outside corner	#176 241		
1/2 in (13 mm) orifice flush tip (standard on M-25)		#200 258	#200 258
1/2 in (13 mm) orifice 1/8 in (3.2 mm) recessed tip		#169 724	#169 724
5/8 in (16 mm) orifice flush tip (standard on M-40)		#169 726	#169 726
5/8 in (16 mm) orifice 1/8 in (3.2 mm) recessed tip		#169 725	#169 725
5/8 in (16 mm) orifice 1/8 in (3.2 mm) stickout tip		#169 727	#169 727
Spot flat		#176 238	#176 238
Spot inside corner		#176 240	#176 240
Spot outside corner		#176 242	#176 242
3/8 in (9.5 mm) orifice tapered		#176 243	#176 243
11/32 in (8.7 mm) orifice tapered		#178 386	#178 386
Replacement Liners			
.023/.025 in (0.6 mm)	#194 010	#194 010	#194 010
.030–.035 in (0.8–0.9 mm)	#194 011	#194 011	#194 011
.035–.045 in (0.9–1.2 mm)	#194 012	#194 012	#194 012
1/16–5/64 in (1.6–2.0 mm)			#194 013
3/64 in (1.2 mm) 10 ft (3 m) steel wrapped nylon		#194 014	#194 014

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
M-10	#195 605	10 ft (3 m)		
M-15	#169 589	10 ft (3 m)		
	#169 591	12 ft (3.7 m)		
	#169 593	15 ft (4.6 m)		
M-25	#169 594	10 ft (3 m)		
	#169 596	12 ft (3.7 m)		
	#169 598	15 ft (4.6 m). For .030–.035 in (0.8–0.9 mm) wire		
	#169 599	15 ft (4.6 m). For .035–.045 in (0.9–1.2 mm) wire		
M-25M	#169 601	15 ft (4.6 m)		
M-40	#169 602	10 ft (3 m)		
	#169 604	12 ft (3.7 m)		
	#169 606	15 ft (4.6 m)		
Accessories		See above		
Consumables (Order from Miller Service Parts.)		See above		

Date:

Total Quoted Price:

Distributed by:

