

Spoolmate™ 100

Air-Cooled Pistol Grip Spool Gun

MIG Welding 
Spool Gun

Quick Specs

Light Industrial Applications

Light Aluminum Fabrication
Home Maintenance and Repair
Auto and Marine Repair

Processes

MIG (GMAW) for
aluminum, steel
and stainless steel

Wire Diameter Capacity

.030–.035 in. (0.8–0.9 mm)
aluminum wire
.023–.035 in. (0.6–0.9 mm)
steel and stainless steel wire

Net Weight

6 lb. (2.7 kg) with
cable assembly
9 lb. (4.1 kg) with case

Reliable and economical spool gun designed for home hobbyists and light fabricators.

Comes Complete With:

- 12-ft. (3.7 m) cable
- Custom carrying case
- Extra contact tips and nozzle

Recessed contact tip for easier welding and prevention of burn back issues.



Dual V-knurled drive rolls for consistent feeding.



Adjustable drive roll tension for feeding different types of wire.
Adjustable pressure lever for easy loading and unloading of wire.



Clear spool cover allows the user to see the amount of wire left before it runs out.



Heavy-duty drive motor and cast aluminum gearbox.



12-foot (3.7 m) direct-connect cable with heavy-duty strain relief.



Convenient carrying case holds gun and cable, extra contact tips, nozzle, and wire (wire not included).



Guns are warranted for 90 days, parts and labor.



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Specifications (Subject to change without notice.)



(Use with CV, DC Power Sources.)

Welding Current Rating	Wire Feed Speed	Wire Diameter Capacity	Maximum Spool Size Capacity	Dimensions	Net Weight
135 A at 30% Duty Cycle	5 – 625 IPM dependent on power source used	.030 – .035 in. (0.8 – 0.9 mm) aluminum .023 – .035 in. (0.6 – 0.9 mm) steel and stainless steel	4 in. (102 mm)	H: 11.5 in. (291 mm) W: 3 in. (76 mm) L: 13 in. (330 mm)	6 lb. (2.7 kg) with cable assembly 9 lb. (4.1 kg) with case

Hook-Up Recommendations

Power Source	Effective Serial Number	Spoolmate 100 #300 371 (135 A, 30% Duty Cycle)
Millermatic® 140 and 140 Auto-Set™	Prior to #LH210051N	Retrofit kit #300 409 required
	After #LH210051N	Direct connect*
Millermatic® 180	Prior to #LH210051N	Retrofit kit #300 409 required
	After #LH210051N	Direct connect*
Millermatic® 180 Auto-Set™	All serial numbers	Direct connect*
Millermatic® 211 Auto-Set™ with MVP™	All serial numbers	Direct connect
Millermatic® Passport® Plus**	All serial numbers	Direct connect
Multimatic™ 200	All serial numbers	Direct connect
Renegade™ 180	All serial numbers	Direct connect
Syncrowave® 210 TIG	All serial numbers	Retrofit kit #269 044 and accessory kit #301 254 required
Syncrowave® 210 TIG/MIG Complete	All serial numbers	Direct connect

*Included switch needs to be installed. **Spoolmate™ 100 does not work with the Millermatic® Passport®, only the Passport® Plus.

Consumables (Order from Miller Service Parts.)



Contact Tips (5 per package)

#199 730 For .024 in (0.6 mm) wire.

#186 419 For .030 in (0.8 mm) wire.

#186 406 For .035 in (0.9 mm) wire.



Nozzle #186 405



Drive Roll (1)

#186 413 (standard)

For .030/.035-inch (0.8/0.9 mm) wire.

#199 731 (optional)

For .024-inch (0.6 mm) wire.



Push Roll (1)

#186 414 (standard)

For .030/.035-inch (0.8/0.9 mm) wire.

#199 732 (optional)

For .024-inch (0.6 mm) wire.

Ordering Information

Equipment	Stock No.	Description	Qty.	Price
Spoolmate™ 100	#300 371	Includes 12-ft. (4 m) cable and custom carrying case		
Accessories				
Retrofit Kits	#300 409 #269 044	Field. Required for both Millermatic 140 and 180 prior to serial number LH210051N Field. Required for Syncrowave 210 TIG. Includes circuit card assembly, control and interface		
Accessory Kit	#301 254	Field. Required for Syncrowave 210 TIG. MIG compatibility accessories		

Date:

Total Quoted Price:

Distributed by:



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