

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)
4043 series 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-foot (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.



Miller Electric Mfg. Co.
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




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 (1.7–15.9 m/min.) dependent on power source used	.030–.035 in. (0.8–0.9 mm) 4043 series 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, 300371 (135 A, 30% Duty Cycle)
Millermatic® 140 and 140 Auto-Set™	After #LH210051N	Direct connect*
Millermatic® 141	All serial numbers	Direct connect
Millermatic® 180	After #LH210051N	Direct connect*
Millermatic® 180 Auto-Set™	All serial numbers	Direct connect*
Millermatic® 190	All serial numbers	Direct connect
Millermatic® 211 Auto-Set™ with MVP™	All serial numbers	Direct connect
Millermatic® 211	All serial numbers	Direct connect
Millermatic® Passport® Plus**	All serial numbers	Direct connect
Multimatic™ 200	All serial numbers	Direct connect
Multimatic™ 215	All serial numbers	Direct connect
Renegade™ 180	All serial numbers	Direct connect
Syncrowave® 210 TIG	All serial numbers	Retrofit kit 269044 and accessory kit 301254 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)

199730 For .024-inch (0.6 mm) wire.

186419 For .030-inch (0.8 mm) wire.

186406 For .035-inch (0.9 mm) wire.



Nozzle 186405



Drive Roll (1)

186413 (standard)

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

199731 (optional)

For .024-inch
(0.6 mm) wire.



Push Roll (1)

186414 (standard)

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

199732 (optional)

For .024-inch
(0.6 mm) wire.

Ordering Information

Equipment	Stock No.	Description	Qty.	Price
Spoolmate™ 100	300371	Includes 12 ft. (4 m) cable and custom carrying case		
Accessories				
Retrofit Kits	269044	Field. Required for Syncrowave 210 TIG. Includes circuit card assembly, control and interface		
Accessory Kit	301254	Field. Required for Syncrowave 210 TIG. MIG compatibility accessories		

Date:

Total Quoted Price:

Distributed by:

