

# 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 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.



**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 #300 371 (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
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-inch (0.6 mm) wire.
- #186 419 For .030-inch (0.8 mm) wire.
- #186 406 For .035-inch (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
<b>Spoolmate™ 100</b>	<b>#300 371</b>	Includes 12 ft. (4 m) cable and custom carrying case		
<b>Accessories</b>				
Heavy-Duty Barrel Assembly	<b>#195 375</b>	For Spoolmate 100/150/3035		
Retrofit Kits	<b>#269 044</b>	Field. Required for Syncrowave 210 TIG. Includes circuit card assembly, control and interface		
Accessory Kit	<b>#301 254</b>	Field. Required for Syncrowave 210 TIG. MIG compatibility accessories		

Date:

Total Quoted Price:

Distributed by:

