

Spoolmate™ 100 Series

Issued August 2007 • Index No. M/1.45

**Spool Gun for Welding Aluminum,
Mild and Stainless Steel**



Quick Specs

Home Hobbyist Applications

Aluminum Fabrication
Home Maintenance and Repair
Auto and Marine Repair

Processes

MIG (GMAW) for Aluminum
Wire Size .030–.035 in (0.8–0.9 mm)
MIG (GMAW) for Mild and Stainless Steel
Wire Size .023–.035 in (0.6–0.9 mm)

Weight

5 lb (2.3 kg) with cable assembly
9 lb (4.1 kg) with case

The Power of Blue.®

Reliable and economical direct connect Spoolmate 100 Series spool guns provide 12 ft (3.7 m) of cable reach and accessibility for smooth feeding of aluminum wire.

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.

New!



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 ft (3.7 m) cable with heavy-duty strain relief and direct connection.

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



TRUE BLUE®
WARRANTY

Guns are warranted for 90 days, parts and labor.



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



Specifications (Subject to change without notice.)

Welding Output Rating	Electrode Wire Diameter Capacity	Wire Speed	Maximum Spool Size Capacity	Dimensions	Net Weight
135 A at 30% Duty Cycle	.030–.035 in (0.8–0.9 mm) Aluminum .023–.035 in (0.6–0.9 mm) Mild and Stainless Steel	5 – 365 IPM (MM 140), 65 – 625 IPM (MM 180)	4 in (102 mm)	H: 11-1/2 in (291 mm) W: 2-1/4 in (57 mm) L: 8 in (203 mm)	5 lb (2.3 kg) with cable assembly 9 lb (4.1 kg) with case

Hook-up Recommendations

Power Source	Effective Serial Number	Spoolmate 100 Series #300 371 (135 A, 30% Duty Cycle)
Millermatic® 140 and 140 with Auto-Set™	Prior to #LH210051N	Retrofit kit required #300 409
	After #LH210051N	Direct Connect*
Millermatic® 180	Prior to #LH210051N	Retrofit kit required #300 409
	After #LH210051N	Direct Connect*

*Included switch needs to be installed.

Consumables (Order from Miller Service Parts.)



Contact Tips (5 per package)
#199 730 For .023 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 in
 (0.8/0.9 mm) wire.
#199 731 (optional)
 For .024 in
 (0.6 mm) wire



Push Roll (1)
#186 414 (standard)
 For .030/.035 in
 (0.8/0.9 mm) wire.
#199 732 (optional)
 For .024 in
 (0.6 mm) wire

Ordering Information

Equipment	Stock No.	Description	Qty.	Price
Spoolmate™ 100 Series	#300 371	Includes 12 ft (4 m) cable and custom carrying case		
Accessories				
Retrofit Kit	#300 409	Field. Kit for Spoolmate 100 on Millermatic 140 and 180 models.		

Date:

Total Quoted Price:



Distributed by: