

Spoolmate™ 3035

Spool Gun and Controls

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Wire Feeder 

Quick Specs

Light Industrial Applications

Aluminum Fabrication
Sign Manufacturing
Trailer Fabrication
Auto and Marine Repair

Processes

MIG (GMAW)
with aluminum
and other wires

Weight 9 lb (4.1 kg) with cable assembly

The Power of Blue.®



Spoolmate™ 3035

This reliable yet economical spool gun provides 20 ft cable reach and accessibility, with smooth feeding of aluminum wire.



SGA 100 Control

Required to connect Spoolmate spool gun to the Millermatic 140 Auto-Set or 180 Auto-Set. Allows you to connect a Spoolmate gun to virtually any similar MIG welder—Miller or other brands. Includes 10 ft (3 m) 115 VAC power cable and plug, 6 ft (1.8 m) interconnecting cable, and 5 ft (1.5 m) gas hose.

Note: For CV engine drives like Miller Bobcat™, use the SGA 100C with contactor (#043 857).



SGA 100C Control

SGA with contactor required to connect Spoolmate spool gun to CV engine drives like Miller's Bobcat™. Includes 10 ft (3 m) 115 VAC power cable and plug, 6 ft (1.8 m) interconnecting cable, and 5 ft (1.5 m) gas hose.



Warranted for 90 days, parts and labor.



Miller Electric Mfg. Co.

An Illinois Tool Works Company
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Appleton, WI 54914 USA

Equipment Sales US and Canada

Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

Web Site

www.MillerWelds.com



Specifications (Subject to change without notice.)

(Spoolmate — use with CV, DC Power Sources.)



Spool Gun

Model	Welding Output Rating	Electrode Wire Diameter Capacity	Wire Speed	Maximum Spool Size Capacity	Dimensions	Net Weight with Cable Assembly
Spoolmate 3035	150 A at 60% Duty Cycle	.023–.035 in (0.6–0.9 mm) aluminum, steel and stainless steel	115–715 IPM	4 in (102 mm)	H: 11-1/2 in (291 mm) W: 2-1/4 in (57 mm) L: 8 in (203 mm)	9 lb (4.1 kg)

Spool Gun Control

Model	Usage	Input Power	Dimensions	Net Weight
SGA 100	For Spoolmate 3035	115 VAC, 50/60 Hz	H: 4-1/4 in (108 mm) W: 6-3/8 in (162 mm) L: 10-1/2 in (267 mm)	9 lb (4.1 kg)
SGA 100C			H: 8-1/4 in (210 mm) W: 6-3/8 in (162 mm) L: 10-1/2 in (267 mm)	12 lb (5.4 kg)

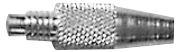
Spoolmate 3035™ Hook-Up Recommendations

Power Source	Effective Serial Number	Spoolmate 3035 (150 A, 60% Duty Cycle) #195 016
Millermatic® 130 XP, 135, 140, 140 Auto-Set™	All	Limited to 14 gauge–1/8 in material, SGA 100 required #043 856
Millermatic® Challenger 172, 175, 180, 180 Auto-Set™	All	SGA 100 required #043 856
Millermatic® 185	Prior to #KH376829	Retrofit Kit required #186 871 and #207 642
	After #KH376829	Direct hook-up using toggle switch field kit #207 642
Millermatic® 210, 212	All	Direct hook-up, Gun-On-Demand™
Millermatic® Vintage, 250	All	Not recommended
Millermatic® 250X, 251, 252	All	Not recommended
Millermatic® 350, 350P	All	Not recommended
Millermatic® DVI™	All	Direct hook-up using toggle switch field kit #207 642
Millermatic® DVI ₂ ™	All	Direct hook-up using gas valve/trigger receptacle kit #300 338

Genuine Miller Spoolmate Consumables and Accessories (Order Consumables from Miller Service Parts.)

Note: Spoolmate 3035 gun shipped with (3) .030 in and (3) .035 in contact tips.

Consumables For Spoolmate 3035



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)

- #199 731 For .023 in (0.6 mm) wire.
- #186 413 For .030/.035 in (0.8/0.9 mm) wire.

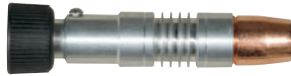


Push Roll (1)

- #199 732 For .023 in (0.6 mm) wire.
- #186 414 For .030/.035 in (0.8/0.9 mm) wire.

Accessories

25 ft Extension Cable #194 996



Spoolmate 3035 Heavy-Duty Barrel #195 375

Ideal for demanding applications. Rated at 200 A, 60% duty cycle.

Consumables For Heavy-Duty Barrel/Spoolmate 3545



Contact Tips (5 per package)

- #199 387 For .030 in (0.8 mm) wire.
- #199 388 For .035 in (0.9 mm) wire.
- #199 389 For .047 in (1.2 mm) wire.



Nozzle #199 386



Drive Roll (1)

- #186 413 For .030/.035 in (0.8/0.9 mm) wire.
- #199 396 For .047 in (1.2 mm) wire.



Push Roll (1)

- #186 414 For .030/.035 in (0.8/0.9 mm) wire.
- #199 397 For .047 in (1.2 mm) wire.

Typical Installations

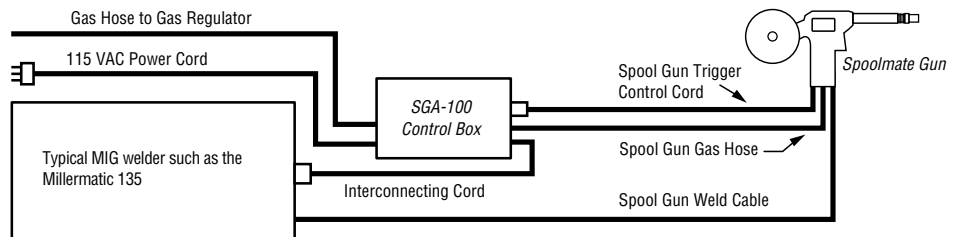
Spoolmate Gun to Welder Requiring a SGA Spool Gun Adapter

Note: Refer to SGA Owner's Manual for complete installation instructions.

For Millermatic 140 Auto-Set, combine Spoolmate 3035 with SGA 100 to weld 14 gauge to 1/8 in aluminum.

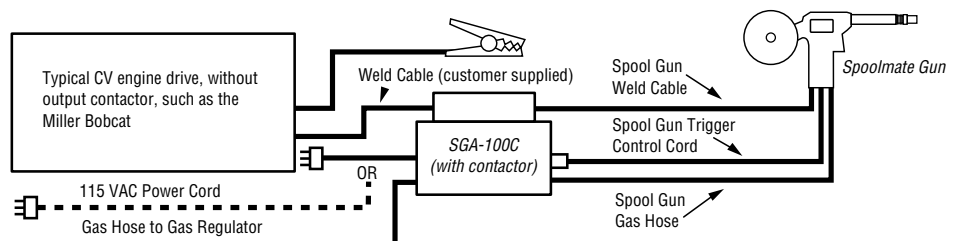
For Millermatic 180 Auto-Set, combine Spoolmate 3035 with SGA 100 to weld 14 gauge to 1/4 in aluminum.

To weld aluminum with comparable, competitive power sources, the Spoolmate may also be used with one of the SGA units.



The SGA 100C is necessary when connecting Spoolmate spool guns to CV engine drive units. Thickness will depend on engine drive.

To weld aluminum with comparable, competitive power sources, the Spoolmate may also be used with one of the SGA units.



Ordering Information

Equipment	Stock No.	Description	Qty.	Price
Spoolmate™ 3035 Spool Gun	#195 016	Includes 20 ft (6 m) cable		
Spoolmate Controls				
SGA 100	#043 856	For Spoolmate 3035		
SGA 100C	#043 857	For Spoolmate 3035		
Spoolmate Consumables and Accessories				
Consumables		See page 3		
Spoolmate 3035 Heavy-Duty Barrel	#195 375	Rated at 200 A, 60% duty cycle		

Date: _____ **Total Quoted Price:** _____



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