

# Spoolmate™ 3035

**MIG Welding  
Spool Gun** 

## Air-Cooled Pistol-Grip Spool Gun and Controls

### Quick Specs

#### Light Industrial Applications

Aluminum fabrication  
Sign manufacturing  
Trailer fabrication  
Auto and marine repair

#### Processes

MIG (GMAW) for  
aluminum, steel  
and stainless steel

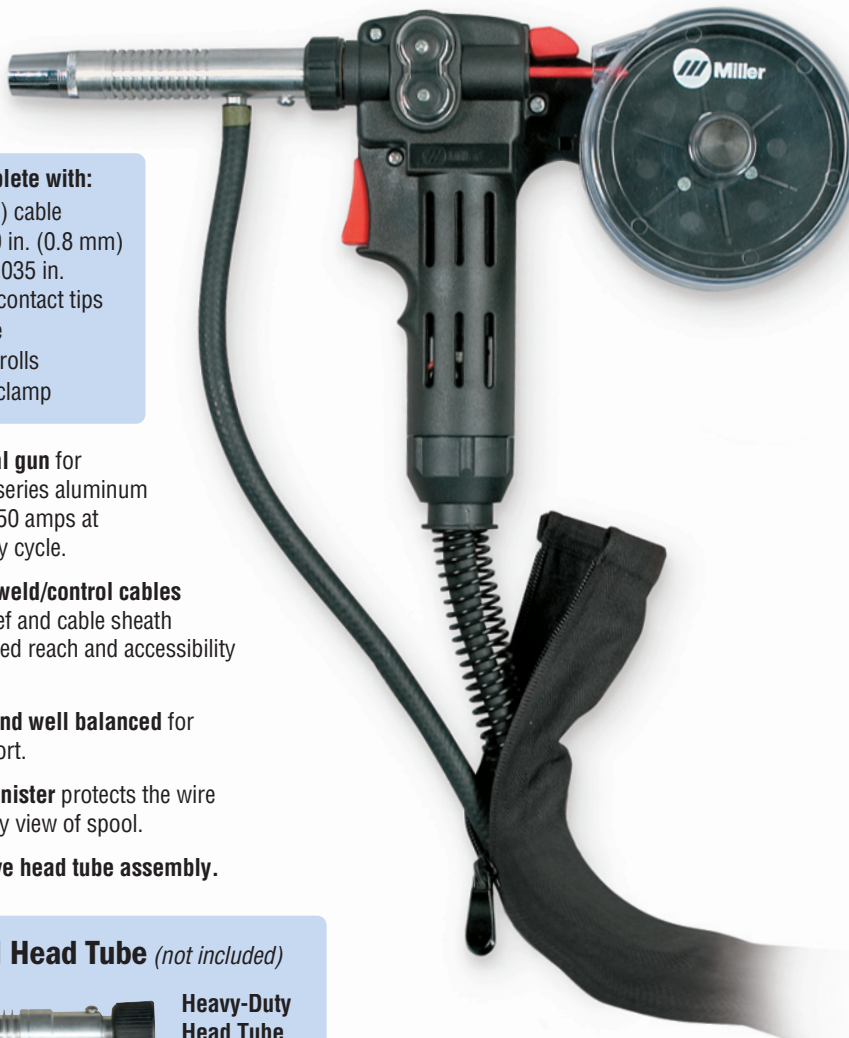
#### Wire Diameter Capacity

.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

9.1 lb. (4.1 kg)  
with cable assembly

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



#### Comes complete with:

- 20 ft. (6 m) cable
- Three .030 in. (0.8 mm) and three .035 in. (0.9 mm) contact tips
- One nozzle
- Two drive rolls
- One hose clamp

**Light industrial gun** for 4000 or 5000 series aluminum wire rated at 150 amps at 60 percent duty cycle.

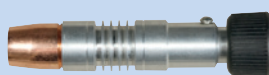
**20-foot (6 m) weld/control cables** with strain relief and cable sheath provide extended reach and accessibility to your work.

**Light weight and well balanced** for operator comfort.

**Clear spool canister** protects the wire and allows easy view of spool.

**Easy-to-remove head tube assembly.**

#### Optional Head Tube *(not included)*



**Heavy-Duty  
Head Tube  
195375**



#### SGA 100 Control

Allows you to connect a Spoolmate 3035 spool gun to virtually any MIG welder — Miller or other brands. Includes 10-foot (3 m) 115-volt power cable with plug, 6-foot (1.8 m) interconnecting cable, and 5-foot (1.5 m) gas hose.

*Note: For CV engine drives like the Bobcat use the SGA 100C with contactor (043857).*



#### SGA 100C Control

SGA with contactor required to connect a Spoolmate 3035 spool gun to CV engine drives like the Miller® Bobcat™. Includes 10-foot (3 m) 115-volt power cable with plug, 6-foot (1.8 m) interconnecting cable, and 5-foot (1.5 m) gas hose.



Gun and controls are warranted for 90 days, parts and labor.



**Miller Electric Mfg. LLC**  
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.)

### Spoolmate 3035 Spool Gun

Welding Current Rating	Wire Feed Speed	Wire Diameter Capacity	Maximum Spool Size Capacity	Dimensions	Net Weight
150 A at 60% duty cycle 200 A at 60% duty cycle with optional heavy-duty head tube	115–715 ipm (2.9–18.1 m/min.)	.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: 2.25 in. (57 mm) L: 8 in. (203 mm)	9.1 lb. (4.1 kg) with cable assembly

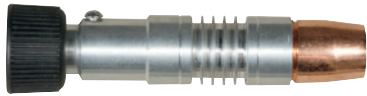
### SGA Spool Gun Controls

Model	Usage	Input Power	Dimensions (H x W x D)	Net Weight
SGA 100	For Spoolmate 3035	115 V, 50/60 Hz	4.25 x 6.375 x 10.5 in. (108 x 162 x 267 mm)	9.1 lb. (4.1 kg)
SGA 100C			8.25 x 6.375 x 10.5 in. (210 x 162 x 267 mm)	12 lb. (5.4 kg)

## Hook-Up Recommendations

Power Source	Effective Serial Number	Spoolmate 3035 195016 (150 A, 60% Duty Cycle)
Millermatic® 130 XP, 135, 140, 140 Auto-Set™, 141	All serial numbers	SGA 100 <b>043856</b> required (limited to 14-gauge to 1/8-inch material)
Millermatic® Challenger™ 172, 175, 180, 180 Auto-Set™, DVI™, 211	All serial numbers	SGA 100 <b>043856</b> required
Millermatic® 185	Prior to KH376829	SGA 100 <b>043856</b> required
	After KH376829	Direct hook-up using toggle switch field kit <b>207642</b>
Millermatic® DVI™	All serial numbers	Direct hook-up using toggle switch field kit <b>207642</b>
Millermatic® 210, 212, Pulser	All serial numbers	Direct hook-up, Gun-On-Demand™
Millermatic® 190, 212 Auto-Set™, Vintage	All serial numbers	Not recommended
Millermatic® 250, 250X, 251, 252, 255	All serial numbers	Not recommended
Millermatic® 350, 350P	All serial numbers	Not recommended
Multimatic® 200, 215, 220 AC/DC, 255	All serial numbers	Not recommended

# Genuine Miller® Accessories and Consumables



**Optional Heavy-Duty Head Tube 195375**  
Ideal for demanding applications. Rated at 200 amps at 60 percent duty cycle.

## Standard Head Tube Consumables

*Note: Spoolmate 3035 spool gun ships with (3) .030-inch and (3) .035-inch contact tips.*



### Contact Tips (5 per package)

- 199730** .024 in. (0.6 mm)
- 186419** .030 in. (0.8 mm)
- 186406** .035 in. (0.9 mm)



**Nozzle 186405**



### Drive Roll (1)

- 199731** For .024-inch (0.6 mm) wire.
- 186413** For .030/.035-inch (0.8/0.9 mm) wire.



### Push Roll (1)

- 199732** For .024-inch (0.6 mm) wire.
- 186414** For .030/.035-inch (0.8/0.9 mm) wire.

## Optional Heavy-Duty Head Tube Consumables



### Contact Tips (5 per package)

- 199387** .030 in. (0.8 mm)
- 199388** .035 in. (0.9 mm)
- 199389** .047 in. (1.2 mm)



**Nozzle 199386**



### Drive Roll (1)

- 186413** For .030/.035-inch (0.8/0.9 mm) wire.
- 199396** For .047-inch (1.2 mm) wire.



### Push Roll (1)

- 186414** For .030/.035-inch (0.8/0.9 mm) wire.
- 199397** For .047-inch (1.2 mm) wire.

## Typical Installations

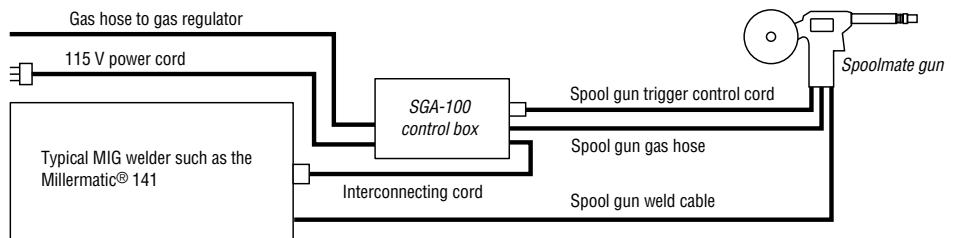
### Spoolmate™ Gun to Welder Requiring a SGA Spool Gun Adapter

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

For Millermatic® 141, combine Spoolmate 3035 with SGA 100 to weld 18-gauge to 14-gauge aluminum.

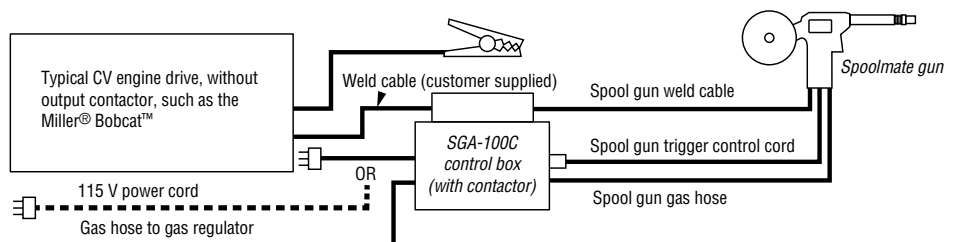
For Millermatic® 211, combine Spoolmate 3035 with SGA 100 to weld 18-gauge to 3/8-inch aluminum.

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
<b>Spoolmate™ 3035</b>	<b>195016</b>	Includes 20 ft. (6 m) cable		
<b>Spoolmate 3035 Controls</b>				
<b>SGA 100</b>	<b>043856</b>			
<b>SGA 100C</b>	<b>043857</b>			
<b>Accessories and Consumables</b>				
Optional Heavy-Duty Head Tube	<b>195375</b>	Rated at 200 amps at 60% duty cycle		
Consumables		See page 3		

Date:

Total Quoted Price:

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