

PROCESSES



MIG (GMAW) Welding with aluminum and other wires



3035-20

3545-20

Hobart 3035-20 and 3545-20 Spool Guns are warranted for 1 year (90 days for industrial use).

The Hobart Spool Gun 3035-20 and 3545-20 are lightweight, compact and well-balanced. These reliable, yet economical guns provide 20 ft (6.1 m) of cable and gas hose for extended reach.

The 3035-20 and 3545-20 spool guns feature easily accessible drive rolls with a screw-style tension adjustment and smooth feeding of aluminum, steel and stainless steel wires

Comes Complete With:

- 20 ft (6.1 m) cable and gas hose
- Threaded nozzle and contact tips
- Spool gun conversion kit consisting of control switch and gas diverter valve
- Enclosed wire spool compartment with internal spool hub tension adjustment for 4 in (102 mm) rolls of wire

Applications

- Aluminum Fabrication
- Sign Manufacturing
- Trailer Fabrication
- Auto and Marine Repair

SELECTING A SPOOL GUN

What wire sizes are you running?	What welding output?	Recommended gun
.023–.035 in (0.6–0.9 mm)	150 A at 60% duty cycle—light industrial applications	3035-20
.030–.047 in (0.8–1.2 mm)	200 A at 60% duty cycle—light industrial applications	3545-20

SPOOL GUN SPECIFICATIONS (SUBJECT TO CHANGE WITHOUT NOTICE.)

USE WITH CV, DC POWER SOURCES.



Model	Welding Output Rating	Electrode Wire Diameter Capacity	Wire Speed	Maximum Spool Size Capacity	Dimensions	Net Weight with Cable Assembly
Spool Gun 3035-20	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 3545-20	200 A at 60% Duty Cycle	.030–.047 in (0.8–1.2 mm) aluminum, steel and stainless steel	200–1200 IPM			10 lb (4.5 kg)

SGA 100 SPOOL GUN CONTROL SPECIFICATIONS (SUBJECT TO CHANGE WITHOUT NOTICE.)

Usage	Input Power	Dimensions	Net Weight
For Spool Gun 3035-20 and 3545-20	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)

SPOOL GUN HOOK-UP RECOMMENDATIONS

Power Source	Spool Gun 3035-20 150 A, 60% Duty Cycle	Spool Gun 3545-20 200 A, 60% Duty Cycle
Handler® 135, 140	Limited to 14 gauge—1/8 in material SGA 100 required #043 856	Not recommended
Handler® 175, 180, 187	SGA 100 required #043 856	Not recommended
IronMan™ 210	Control switch and gas diverter valve included	Not recommended
IronMan™ 250	Not recommended	Control switch and gas diverter valve included



Hobart Welders An Illinois Tool Works Company

U.S. Distributor Sales Phone 920-735-4576 FAX 800-637-2315
 Hobart Retail Sales Phone 800-626-9420 FAX 800-424-1544
 Canadian Sales Phone 888-489-9353 FAX 519-421-0480
 International Sales Phone 920-735-4509 FAX 920-735-4125

Web Site HobartWelders.com



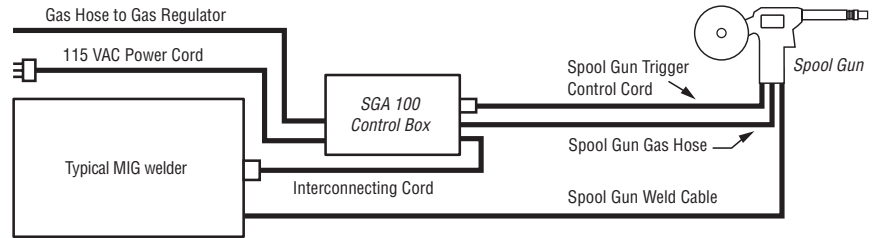
TYPICAL INSTALLATION FOR SPOOL GUN TO WELDER REQUIRING AN SGA SPOOL GUN ADAPTER

For Handler® 140, combine Spool Gun 3035-20 with SGA 100 to weld 14 gauge to 1/8 in aluminum.

For Handler® 187, combine Spool Gun 3035-20 with SGA 100 to weld 14 gauge to 1/4 in aluminum.

To weld aluminum with comparable, competitive power sources, the spool gun may also be used with the SGA unit.

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



SPOOL GUN CONTROL



SGA 100 #043 856

Required to connect spool gun to the Handler® 135, 140, 175, 180 or 187. Allows you to connect a spool gun to virtually any similar MIG welder—Hobart 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.

CONSUMABLES

Consumables For Spool Gun 3035-20

Note: Spool Gun 3035-20 shipped with (3) .030 in and (3) .035 in contact tips.



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.

Consumables For Spool Gun 3545-20

Note: Spool Gun 3545-20 shipped with (3) .035 in and (3) .047 in contact tips.



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.

ORDERING INFORMATION AND SYSTEM CHECKLIST

Power Source	Stock No.	Description	Qty.	Price
Spool Gun 3035-20	#300143	Includes 20 ft (6.1 m) cable		
UPC: #715959355650; Shipping Weight: 12 lb (5.5 kg); Carton Dimensions: 15-1/2 x 15-5/8 x 3-5/8 in (394 x 397 x 92 mm)				
Spool Gun 3545-20	#300144	Includes 20 ft (6.1 m) cable		
UPC: #715959355667; Shipping Weight: 13 lb (5.9 kg); Carton Dimensions: 15-1/2 x 15-5/8 x 3-5/8 in (394 x 397 x 92 mm)				
SGA 100 Spool Gun Control	#043 856			
Consumables		See above		

Date:

Total Quoted Price:

HOBART WELDERS

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