

# SuitCase™ 8RC and 12RC

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Wire Feeder with Remote Control 

## Quick Specs

### Industrial Applications

Shipbuilding  
Construction  
Heavy Manufacturing  
Rental

### Processes

MIG (GMAW)  
Flux Cored (FCAW)

**Input Power** 24 VAC, 7 A/10 A

**Weight** 8RC: 22.0 lb (9.9 kg)  
12RC: 25.5 lb (11.6 kg)

## The Power of Blue.®



Updated front panels!  
Improved trigger strain relief!

Remote voltage control — standard.

Standard gas solenoid controlling gas flow.

Totally enclosed, impact-resistant, flame-retardant case provides strength and durability, protecting components and weld wire from moisture, dust and contaminants.

Component assembly is easily removed for servicing.

Quick-change drive rolls are easy to change — no tools required.



**Drive roll accessibility** makes it easy to install wire, adjust tension and change drive rolls.

**Versatile feeders** can run wire diameters up to 5/64 in (2.0 mm).

**Gas purge** purges gas line without feeding wire, or energizing weld wire with OCV.

**Thermal overload protection** protects motor and control circuit against possible damage due to overloading conditions, or loose cable connections.

**Digital meter option** available for wirefeed speed or voltage display.

**Improved trigger strain relief**

## Specifications (Subject to change without notice.)



(Use with CC/CV, DC Power Sources.)

Model	Input Power	Welding Power Source Type	Input Welding Circuit Rating	Electrode Wire Diameter Capacity	Maximum Spool Size Capacity	Wire Speed	Dimensions	Net Weight
8RC	24 VAC, 7 A, 50/60 Hz	Constant Voltage (CV)	500 A at 100% Duty Cycle	Solid Wire: .023–5/64 in (0.6–2.0 mm) Flux Cored: .030–5/64 in (0.8–2.0 mm)	8 in (203 mm) 14 lb (6.4 kg)	75–700 IPM (1.9–17.7 m/min)	H: 14-1/2 in (368 mm) W: 6-1/2 in (165 mm) D: 15-5/8 in (397 mm)	22 lb (9.9 kg)
12RC	24 VAC, 10 A, 50/60 Hz			Solid Wire: .023–5/64 in (0.6–2.0 mm) Flux Cored: .030–5/64 in (0.8–2.0 mm)	12 in (305 mm) Up to 44 lb (20 kg)		H: 16 in (406 mm) W: 7-1/4 in (184 mm) D: 20 in (508 mm)	25.5 lb (11.6 kg)



Wire feeder is warranted for 3 years, parts and labor.

MADE IN USA  
APPLETON, WI



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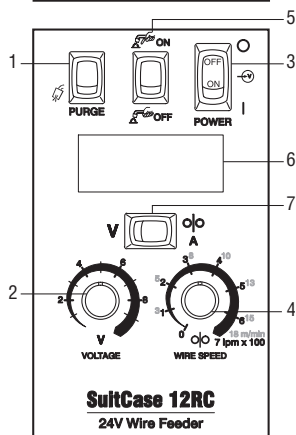
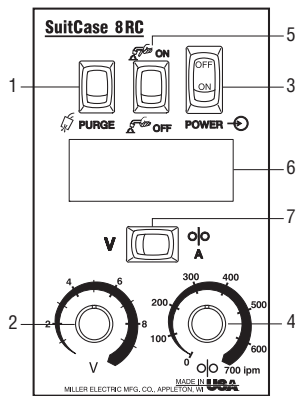


## Drive Roll Kits (1 kit required, order from Miller Service Parts.)

Select drive roll kits from chart below according to type and wire size being used. Drive roll kits include 2 drive rolls, the necessary guides and feature an anti-wear sleeve for inlet guide.

Wire size	"V" groove for hard wire	"U" groove for soft wire or soft-shelled cored wires	"V" knurled for hard-shelled cored wires	"U" cogged for extremely soft wire or soft-shelled cored wires (i.e., hard facing types)
.023/.025 in (0.6 mm)	#087 131	—	—	—
.030 in (0.8 mm)	#079 594	—	—	—
.035 in (0.9 mm)	#079 595	#044 749	#079 606	—
.040 in (1.0 mm)	#161 189	—	—	—
.045 in (1.1/1.2 mm)	#079 596	#079 599	#079 607	#083 318
.052 in (1.3/1.4 mm)	#079 597	#079 600	#079 608	#083 317
1/16 in (1.6 mm)	#079 598	#079 601	#079 609	#079 614
.068/.072 in (1.8 mm)	—	—	#089 984	—
5/64 in (2.0 mm)	—	#079 602	#079 610	#079 615

## Control Panels



1. Purge Switch
2. Voltage Control
3. Power Control Switch
4. Wire Speed Control
5. Trigger Hold Switch (Optional)
6. Meter (Optional)
7. Voltage/Wire Feed Speed Switch (Optional)

## Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
<b>SuitCase™ 8RC</b> (Remote Extension Cord required.)	#194 938 #194 938-01-1 #194 938-03-1	w/ remote voltage and Bernard® Q300 Gun w/ meters, remote voltage, trigger hold and Bernard® Q300 Gun w/ CE, meters, remote voltage, and trigger hold		
Meter Kit	#195 165	Field. For SuitCase 8RC		
<b>SuitCase™ 12RC</b> (Remote Extension Cord required.)	#194 940 #194 940-01-1 #300 415 #300 415-01-1 #194 940-03-1	With remote voltage and Bernard® Q300 Gun w/ meters, remote voltage, trigger hold and Bernard® Q300 Gun With Bernard® Dura Flux™ Gun With Meter Kit and Bernard® Dura Flux™ Gun w/ CE, meters, remote voltage, and trigger hold		
Meter Kit	#300 178	Field. For SuitCase 12RC		
<b>Accessories</b>				
Remote Extension Cords (One required.)	#122 973 #122 974 #122 975	25 ft (7.6 m) 50 ft (15.2 m) 75 ft (22.9 m)		
Volt/Current Sensor Kit	#195 194	Field. For both SuitCase 8RC and 12RC. Required for digital meter operation with power sources not having pins F and H in the 14-pin receptacle. (PipePro 304 is the only Miller engine drive with pins F and H.)		
Flowmeter Kit	#195 217	Field. For both SuitCase 8RC and 12RC		
Shielding Gas Filter	#195 189	Field. For both SuitCase 8RC and 12RC		
<b>Guns</b>				
Bernard® Q300 (GMAW)		See Welding Components and Parts Guide		
Bernard® Dura Flux™ (FCAW)		See Welding Components and Parts Guide		
Ironmate™ 1260		Flux cored (FCAW) gun. See Lit. Index No. AY/16.0		
Roughneck® C-Series		MIG (GMAW) gun. See Lit. Index No. AY/17.0		
<b>Power Sources</b>				
XMT® 304		See Lit. Index No. DC/18.8		
Dimension™		See Lit. Index No. DC/19.2		
Invision™ MP		See Lit. Index No. DC/23		
Mark VI™		See Lit. Index No. DC/9.8		
Big Blue® 600D		See Lit. Index No. DC/10.3		
Big Blue® 402		See Lit. Index No. DC/10.8		
Big Blue® Air Pak™		See Lit. Index No. DC/10.5		
PipePro™		See Lit. Index No. ED/10.6		
Trailblazer®		See Lit. Index No. DC/4.5		
<b>Consumables</b>				
Drive Rolls/Wire				
Inlet Guide	#221 030	.023–5/64 in (0.6–2 mm)		

Date:

Total Quoted Price:

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