

# SuitCase® 12RC

**Wire Feeder with Remote Control** 

## Quick Specs

### Industrial Applications

Shipbuilding  
Construction  
Heavy manufacturing  
Rental

### Processes

MIG (GMAW)  
Flux-cored (FCAW)  
Pulsed MIG (GMAW-P)

**Input Power** 24 VAC, 10 A

**Net Weight** 31 lb. (14.1 kg)

**Portable wire feeding with standard remote voltage control.**

*Requires control cord — sold separately.*

**Ergonomically sound, lightweight, modular design** is well balanced, and allows improved mobility and ease of carrying to remote welding sites.

**Totally enclosed, impact-resistant, flame-retardant case** provides strength and durability, and protects components and welding wire from moisture, dust and other contaminants.

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



**Built to last in harsh industrial environments**

Plastic case design and double-filtered gas valve ensure SuitCase withstands the harshest industrial environments.



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



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**MillerWelds.com**



## SuitCase® 12RC Features



**Ultra-low drag inlet guide pins** make loading the wire easy and do not deform the wire on the way into the drive rolls. Simply thread the wire through the pins and into drive rolls. There are two ways to advance the wire through the drive roll and into the gun. Either open the pressure arm and thread the wire into the grooves in the drive roll and on into the gun inlet **or** place the wire between the pins and use the jog switch to advance the wire through the drive roll.



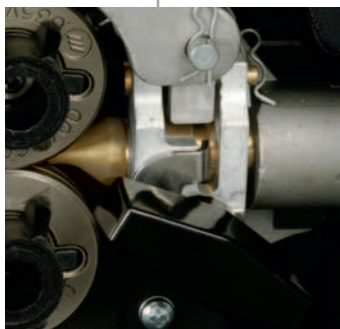
**Scaled wire pressure knob** provides easy adjustment and consistent pressure on the drive rolls and wire. **Wire drive and motor assembly** is specifically designed for mobile welding applications to provide smooth and consistent wire delivery. Improved motor torque and drive roll system are designed to feed small-diameter solid wire (.023 inch) to large-diameter cored wire (5/64 inch).



**Trigger hold** is located on front panel. Jog and purge are located on inner control panel.

**Digital meters with SunVision™ technology** can display voltage, wire feed speed, and also amperage if desired. Meters can be seen clearly even in direct sunlight.

**Polypropylene case with built-in side rails** and the ability to open the door to change wire with feeder in vertical position.



**Gun locking tab** works with guns having corresponding locking grooves to prevent gun from being pulled out if the feeder is dragged by the gun.



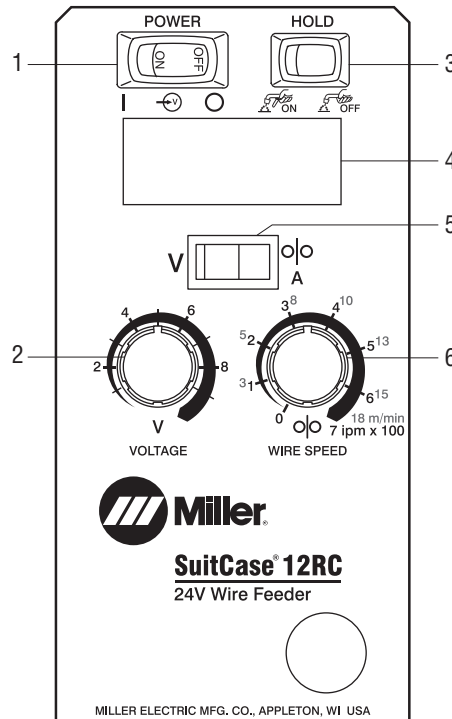
**Gas inlet recessed into back of case** is protected from incidental contact by the weld cable, ensuring consistent and contaminant-free shielding gas delivery to the gun. **Double-filtered gas valve** helps keep dirt from clogging and affecting gas flow.

# Specifications (Subject to change without notice.)

**CV DC** (Use with CV, DC power sources.)

| Input Power            | Welding Power Source Type | Input Welding Circuit Rating | Wire Speed                   | Wire Type and Diameter Capacity  | Max. Spool Size Capacity        | Dimensions  | Net Weight       |
|------------------------|---------------------------|------------------------------|------------------------------|--|---------------------------------|---|------------------|
| 24 VAC, 10 A, 50/60 Hz | Constant voltage (CV)     | 425 A at 60% duty cycle      | 50–700 ipm (1.3–17.8 m/min.) | <b>Solid wire:</b> .023–.052 in. (0.6–1.4 mm)<br><b>Flux-cored:</b> .030–5/64 in. (0.8–2.0 mm) | 12 in. (305 mm), 45 lb. (20 kg) | H: 15.5 in. (394 mm)<br>W: 9 in. (229 mm)<br>D: 21 in. (533 mm) | 31 lb. (14.1 kg) |

## Control Panel







1. Power Control Switch
2. Voltage Control
3. Trigger Hold Switch
4. Meter
5. Voltage/Wire Feed Speed Switch
6. Wire Speed Control

*Note: Jog and purge switches are located on inner control panel.*

## Drive Rolls (Two Required. Order from Miller Service Parts.)

Select drive rolls from chart below according to type and wire size being used. Wire inlet guide comes installed on this wire feeder.

| 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" clogged for extremely soft wire or soft-shelled cored wires (i.e., hard facing types)  |
|------------------------|--|--|--|---|
| .023/.025 in. (0.6 mm) | 087130   | —  | —  | —   |
| .030 in. (0.8 mm)      | 053695   | —  | —  | —   |
| .035 in. (0.9 mm)      | 053700   | 072000   | 132958   | —   |
| .040 in. (1.0 mm)      | 053696   | —  | —  | —   |
| .045 in. (1.1/1.2 mm)  | 053697   | 053701   | 132957   | 083489  |
| .052 in. (1.3/1.4 mm)  | 053698   | 053702   | 132956   | 083490  |
| 1/16 in. (1.6 mm)      | 053699   | 053706   | 132955   | 053708  |
| .068/.072 in. (1.8 mm) | —  | —  | 132959   | —   |
| 5/64 in. (2.0 mm)      | —  | 053704   | 132960   | 053710  |

## Ordering Information

| Equipment and Options              | Stock No.        | Description   | Qty. | Price |
|------------------------------------|------------------|---|------|-------|
| <b>SuitCase® 12RC</b>              | <b>951580</b>    | With meters and Bernard™ BTB Gun 300 A  |      |       |
|                                    | <b>951599</b>    | With meters, trigger hold, lift eye and Bernard™ BTB Gun 300 A. Preflow, postflow and burnback values are set with DIP switches |      |       |
| Flowmeter Kit                      | <b>300343</b>    |   |      |       |
| Inline Filter                      | <b>195189</b>    |   |      |       |
| Spool Adapter                      | <b>047141</b>    | For 14 lb. spools   |      |       |
| International Gun Adapter          | <b>164902</b>    | Adapter is required to connect SuitCase® to a Euro-style gun  |      |       |
| <b>Accessories</b>                 |                  |   |      |       |
| Control Cords<br>(One required.)   | <b>242208025</b> | 25 ft. (7.6 m)  |      |       |
|                                    | <b>242208050</b> | 50 ft. (15.2 m)   |      |       |
|                                    | <b>242208080</b> | 80 ft. (24.3 m)   |      |       |
| Lift Eye                           | <b>300583</b>    | Used for suspending feeder over work area   |      |       |
| <b>Guns</b>                        |                  |   |      |       |
| Bernard™ Dura-Flux™ (FCAW)         |                  | See Bernard literature SP-BTB   |      |       |
| Bernard™ Q300 (GMAW)               |                  | See Bernard literature SP-DF  |      |       |
| <b>Power Sources</b>               |                  |   |      |       |
| XMT® 350 Series and 450 Series     |                  | See literature DC/18.93 and DC/18.94  |      |       |
| Dimension™ Series                  |                  | See literature DC/19.2  |      |       |
| Gold Star® Series                  |                  | See literature DC/8.1   |      |       |
| Big Blue® 400 Pro and 400 PipePro® |                  | See literature ED/5.7 and ED/5.8  |      |       |
| Big Blue® 500 Pro                  |                  | See literature ED/11.0  |      |       |
| Big Blue® 600 Series               |                  | See literature ED/11.5  |      |       |
| Big Blue® 800 Series               |                  | See literature ED/14.0  |      |       |
| Bobcat™ Series                     |                  | See literature ED/4.4   |      |       |
| Trailblazer® Series                |                  | See literature ED/4.75 and ED/4.78  |      |       |
| <b>Consumables</b>                 |                  |   |      |       |
| Drive Rolls                        |                  |   |      |       |
| Wire                               |                  |   |      |       |

Date:

Total Quoted Price:

Distributed by:

