

SuitCase™ 8VS and 12VS

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Voltage-Sensing
Wire Feeder 

Quick Specs

Industrial Applications

Shipbuilding
Construction
Heavy Manufacturing
Rental

Processes

MIG (GMAW)
Flux Cored (FCAW)

Input Power 15–100 VDC

Weight **8VS** 23.5 lb (10.7 kg)
12VS 28.5 lb (12.9 kg)

The Power of Blue.®

Carrying handle folds down out of way, yet is large enough for a gloved hand.

Quick-connect sense lead disconnects if pulled excessively — prevents damage to internal components.

Standard contactor and gas solenoid control OCV and gas flow.

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

Operates on open-circuit or arc voltages, eliminating the need for a power supply cord between the power source and feeder.

Component assembly is easily removed for servicing.



Ergonomically sound, lightweight unit is well balanced, for ease of carrying to remote welding sites.

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 feeder can run wire diameters up to .062 in for the 8VS and up to 5/64 in for the 12VS.

Simple control panel eliminates operator confusion.

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

Overload protection protects motor and control circuit against possible damage due to overloading conditions.

Universal feeder operates with most Miller and competitive CV/CC DC power sources.

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
8VS	Open-Circuit Arc Voltage 15–100 VDC	Constant Voltage (CV) or Constant Current (CC) DC	330 A at 60% Duty Cycle w/ Secondary Contactor	Solid Wire: .023–.062 in (0.6–1.6 mm) Flux Cored: .030–.062 in (0.8–1.6 mm)	8 in (203 mm) 14 lb (6.4 kg)	50–700 IPM (1.3–18 m/min) dependent on arc voltage	H: 14-1/2 in (368 mm) W: 6-1/2 in (165 mm) D: 15-5/8 in (397 mm)	23.5 lb (10.7 kg)
12VS				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)	28.5 lb (12.9 kg)

TRUE BLUE
3YR. WARRANTY

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

MADE IN **USA**
APPLETON, WI 



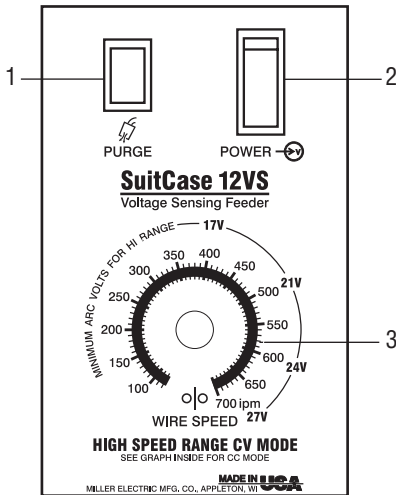
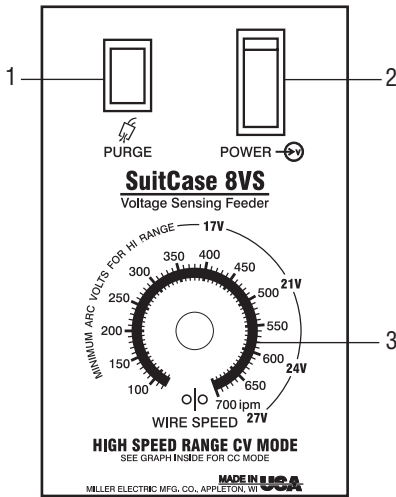
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Control Panels



1. Purge Switch
2. Power Control Switch
3. Wire Speed Control

Drive Roll Kits (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

Ordering Information

Power Source and Options	Stock No.	Description	Qty.	Price
SuitCase 8VS™	#194 890			
	#194 890-01-1	With trigger hold		
	#194 890-01-2	With CE and trigger hold		
	#194 890-01-3	With meters (factory)		
	#194 890-02-1	With meters and trigger hold		
Conversion Kit	#195 029	Meters (field)		
SuitCase 12VS™	#194 941			
	#194 941-01-1	With trigger hold		
	#194 941-01-2	With meters (factory)		
	#194 941-02-2	With meters and trigger hold		
Conversion Kit	#195 167	Meters (field)		
Guns				
Ironmate™ 1260 (FCAW)		See Lit. Index No. AY/16.0		
Roughneck® C-Series (GMAW)		See Lit. Index No. AY/17.0		
Power Sources				
XMT® 304		See Lit. Index No. DC/18.8		
Dimension™		See Lit. Index No. DC/19.2		
Gold Star®		See Lit. Index No. DC/8.1		
Mark VI™		See Lit. Index No. DC/9.8		
Big Blue® 251D		See Lit. Index No. ED/5.2		
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		
Bobcat™		See Lit. Index No. DC/4.31		
Trailblazer®		See Lit. Index No. DC/4.5		
Consumables				
Drive Rolls				
Wire				

Date:

Total Quoted Price:

Distributed by:

