

# SuitCase™ X-TREME™ 8VS & 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** 14–48 VDC Operating Voltage  
110 VDC Maximum OCV

**Wire Feed Speed** 50–780 IPM (1.3–19.8 m/min)

**Weight** 8VS: 28 lb (13 kg)  
12VS: 35 lb (15.9 kg)

## The Power of Blue.®

**NEW! X-TREME 8VS** — Now in smaller 8VS size for shipbuilding, maintenance or wherever a lighter, smaller, more portable feeder is required. Same great features of its big brother the X-TREME 12VS. Ergonomically sound, lightweight unit is well balanced for ease of carrying to remote welding sites. Fits through a 14 in (25 mm) manhole/manway.

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

**Potted and trayed main printed circuit board** for the harshest environments adds exceptional reliability. Board has full-trigger isolation so a shorted gun trigger will not affect feeder operation.

**Improved contactor** for high-amperage, high duty cycle applications (8VS: 330 A at 60%, 12VS: 425 A at 60%).



Now available in 8VS size with many of the features of the SuitCase X-TREME 12VS!



**Trigger hold, wire jog, and gas purge** are all located on front panel (8VS: Trigger Hold optional).

**Digital meters** with SunVision™ technology can display voltage and wire speed, and also amperage if desired. Meters can be seen clearly even in direct sunlight (8VS: Meters optional).

**Wider voltage range** for small and large wires with no contactor chatter or arc outages.

**Double-filtered gas valve** helps keep dirt from clogging and affecting gas flow.

**Excellent starts and improved superior arc performance** for all types and sizes of wires whether using CV or CC power supply.

## 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	Max. Spool Size Capacity	Wire Speed	Dimensions	Net Weight
8VS	Operates on open-circuit voltage and arc voltage: 14–48 VDC/110 Max OCV	CC or CV DC power sources. AC type not recommended.	330 A at 60% Duty Cycle	<b>Solid Wire:</b> .023–.062 in (0.6–1.6 mm) <b>Flux Cored:</b> .030–.062 in (0.8–1.6 mm)	8 in (203 mm) 14 lb (6.4 kg)	50–780 IPM (1.3–19.8 m/min) dependent on arc voltage	H: 12-3/4 in (324 mm) W: 7-1/4 in (184 mm) D: 18 in (457 mm)	28 lb (13 kg)
12VS	Operates on open-circuit voltage and arc voltage: 14–48 VDC/110 Max OCV	CC or CV DC power sources. AC type not recommended.	425 A at 60% Duty Cycle	<b>Solid Wire:</b> .023–5/64 in (0.6–2.0 mm) <b>Flux Cored:</b> .030–5/64 in (0.8–2.0 mm)	12 in (305 mm) Up to 45 lb (20.4 kg)	50–780 IPM (1.3–19.8 m/min) dependent on arc voltage	H: 21 in (533 mm) W: 9 in (229 mm) D: 15-1/2 in (394 mm)	35 lb (15.9 kg)



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

MADE IN USA  
APPLETON, WI



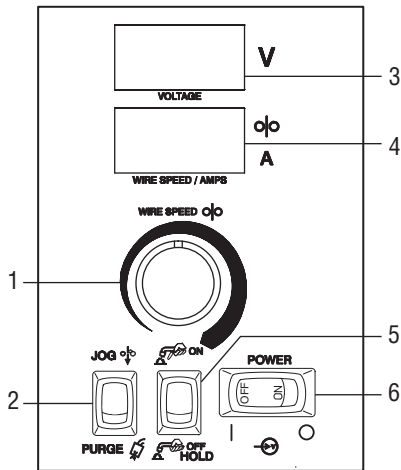
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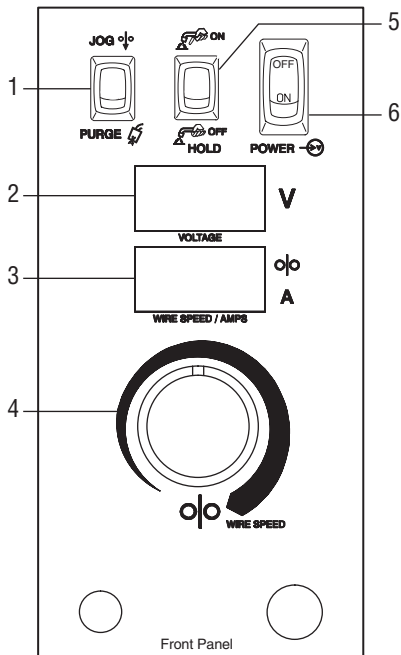


## Control Panels



**SuitCase X-TREME 8VS**

1. Wire Speed Control
2. Jog/Purge Switch
3. Voltmeter (Optional)
4. Wire Speed/Amperage Meter (Optional)
5. Trigger Hold Switch (Optional)
6. Power Control Switch



**SuitCase X-TREME 12VS**

1. Jog/Purge Switch
2. Voltmeter
3. Wire Speed/Amperage Meter
4. Wire Speed Control
5. Trigger Hold Switch
6. Power Control Switch

## 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 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
<b>SuitCase™ X-TREME™ 8VS</b>	#300 093	With Bernard® Q300 Gun (Without meters or trigger hold)		
	#300 093-01-1	With Bernard® Q300 Gun & meters		
	#300 093-02-1	With Bernard® Q300 Gun, meters & trigger hold		
Meter Kit	#300 331	Field. For X-TREME 8VS		
Trigger Hold	#300 332	Field. For X-TREME 8VS		
<b>SuitCase™ X-TREME™ 12VS</b>	#195 500	With Bernard® Q300 Gun		
<b>SuitCase™ X-TREME™ 12VS</b>	#300 414	With Bernard® Dura-Flux™ gun		
Flowmeter Kit	#195 217			
Inline Filter	#195 189			
Spool Adapter	#047 141	For 14 lb spools/X-TREME 12VS only		
<b>Guns</b>				
Bernard® Q300 (GMAW)		See Welding Components and Parts Guide		
Bernard® Dura-Flux™ (FCAW)		See Welding Components and Parts Guide		
Ironmate™ 1260 (FCAW)		See Lit. Index No. AY/16.0		
Roughneck® C-Series (GMAW)		See Lit. Index No. AY/17.0		
<b>Power Sources</b>				
XMT® Series		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® Turbo		See Lit. Index No. ED/10.3		
Big Blue® 400 & 500		See Lit. Index No. ED/10.8		
Big Blue® Air Pak™		See Lit. Index No. ED/10.5		
Bobcat™		See Lit. Index No. ED/4.4		
Trailblazer®		See Lit. Index No. ED/4.77		
<b>Consumables</b>				
Drive Rolls				
Wire				

Date:

Total Quoted Price:

Distributed by:

