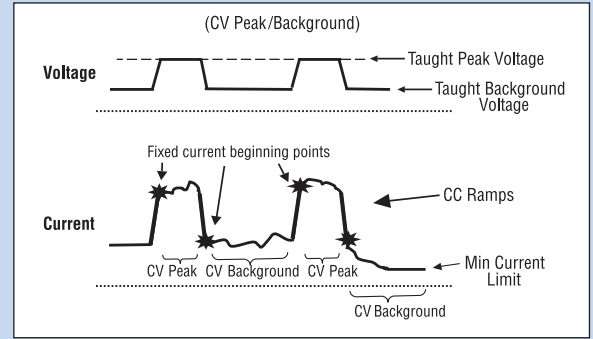


Welding Process Capabilities (Continued)

Pulsed MIG

This method of pulse welding provides a shorter arc length, narrower arc cone and less heat input than with traditional spray pulse transfer. Since the process is closed-loop, arc wandering and variations in tip-to-work distances are virtually eliminated. This provides easier puddle control for both in-position and out-of-position welding, reducing welder training time. The process also improves fusion and fill at the toe of the weld, permitting higher travel speeds and higher deposition. This process coupled with RMD for root pass welding permits welding procedures with one wire and one gas to eliminate process switch-over time.



Pulsed MIG carbon







Pulsed MIG stainless

- Ideally suited to fill and cap pass welding
- Easier puddle control than conventional spray pulse
- Shorter arc lengths and narrow arc cone for out-of-position welding
- More tolerant of tip-to-work variation
- Improve fusion and fill at toe of weld
- Less heat input reduces interpass cooling time and improves weld cycle time
- Enables one-wire with one-gas weld procedures

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
ArcReach® SuitCase® 8 MIG/FCAW Feeder	951726	Tweco-style connectors, with drive rolls and Bernard BTB Gun 300 A		
	951727	Tweco-style connectors, with drive rolls and Bernard S-Gun™		
	951728	Tweco-style connectors, with drive rolls and Bernard Dura-Flux™ gun		
ArcReach® SuitCase® 12 MIG/FCAW Feeder	951729	Tweco-style connectors, with drive rolls and Bernard BTB Gun 300 A		
	951730	Tweco-style connectors, with drive rolls and Bernard S-Gun™		
	951731	Tweco-style connectors, with drive rolls and Bernard Dura-Flux™ gun		
	951732	Tweco-style connectors, with drive rolls and Bernard PipeWorx 300-15 MIG gun		
ArcReach® Smart Feeder MIG/FCAW/RMD®/Pulse Feeder	951733	Tweco-style connectors, with drive rolls and Bernard PipeWorx 300-15 MIG gun		
Flowmeter Kit	300343			
Inline Filter	195189			
Spool Adapter	047141	For 14 lb. spools		
Dual Schedule Switch DSS-9-15	071833			
International Gun Adapter	164902	Adapter is required to connect ArcReach SuitCase to a Euro-style gun		
Guns				
Bernard™ BTB Gun 300 A (GMAW)		See Bernard literature SP-BTB		
Bernard™ S-Gun™ (GMAW)	S2515TE5EM	See Bernard literature S25-1.2		
Bernard™ Dura-Flux™ (FCAW)		See Bernard literature SP-DF		
Bernard™ PipeWorx 300-15 (GMAW)	195400	15 ft. (4.6 m), 300 A air-cooled MIG gun designed for use with all ArcReach smart systems		
Power Sources				
XMT® 350 FieldPro™ Systems		See literature DC/18.96		
Dimension™ 650 with ArcReach		See literature DC/19.3		
XMT® 450 CC/CV with ArcReach		See literature DC/18.94		
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		
Trailblazer® Series		See literature ED/4.75, ED/4.78 and ED/4.8		
Consumables				
Drive Rolls				
Wire				

Date:

Total Quoted Price:

Distributed by:

