



XMT® 450 CC/CV ArcReach®

See literature DC/18.94



Note: XMT 450 CC/CV ArcReach does not support the Cable Length Compensation (CLC™) and Adjust While Welding (AWW™) features or the ArcReach Smart Feeder.

Auto-Process Select.™ System automatically changes to MIG/FCAW (with gas) if electrode positive polarity is detected or FCAW (no gas) if electrode negative polarity is detected, when ArcReach communication is established between the feeder and the XMT — reducing the need to access the power supply.

Automatic return to panel settings. System automatically returns to XMT setting when ArcReach communication is terminated. For example, if the XMT is set to gouging at 550 amps and an ArcReach feeder is connected, the XMT will go to a MIG/FCAW process. If the feeder is disconnected, the XMT will go back to its previous setting (gouging at 550 amps).

Auto-Bind™ automatically establishes exclusive communication between the power source and the wire feeder, using the existing weld cables upon system power up.

Operator can precisely set arc voltage at the feeder and monitor the actual arc voltage and current delivered to the weld using the digital meters on the feeder. This removes guesswork when it comes to adhering to weld procedures.

Remote override of XMT. When an ArcReach feeder is connected to an XMT 450 ArcReach the feeder has full control and the XMT controls are disabled, preventing accidental changes by personnel other than the welding operator.

Heavy industrial XMT 450
Phase Phase is 3-phase only.

Processes

- MIG (GMAW) • Stick (SMAW)
- TIG (GTAW) • Flux-cored (FCAW)
- RMD* • Pulsed MIG (GMAW-P)*
- Air carbon arc cutting and gouging (CAC-A) (carbons — 304: 6.4 mm [1/4 in.], 350: 6.4 mm [1/4 in.], 450: 7.9 mm [5/16 in.]

*XMT 350 FieldPro only with ArcReach Smart Feeder.

Stick/TIG

- XMT 350 FieldPro power source
- ArcReach Stick/TIG Remote

MIG/flux-cored

- XMT 350 FieldPro power source
- ArcReach SuitCase 12 feeder and Bernard® BTB Gun 300 A

RMD/pulse

- XMT 350 FieldPro power source
- ArcReach Smart Feeder and Bernard® PipeWorx 300-15 MIG gun

Most popular accessories

- XR-AlumaFeed® SuitCase® 301567
- SuitCase® Feeders
- ArcReach® Smart Feeder (for XMT 350 FieldPro power sources only)
- 20 and 70 Series Feeders
- Spoolmatic®/WC-24
- XR™S Control
- ArcReach® Stick/TIG Remote 301325 (Tweco®)
- ArcReach® Stick/TIG Remote with Polarity Reversing 300934 (Tweco®), 301176 (Dinse) (for XMT 350 FieldPro with Polarity Reversing power source only)
- Dinse 70 Series 134460 Male, 136600 Female

• **ArcReach® Heater**
(for XMT 350 FieldPro power sources only)



XMT Racks

All the benefits of an individual XMT in an easy-to-transport package for multiple arcs in the field.



XMT 350 FieldPro Rack shown.

Flexible solution. The flexibility of the XMT makes it ideal for multiple system racks. Every system in a rack can be used for different tasks on-site, increasing fleet utilization and making the best use of equipment budgets.

Easy installation. The power distribution system on the rack allows the entire rack to be wired into a single power drop, isolating high-voltage power in the field.

Model	Stock Number	Input Power to Rack
XMT 350 FieldPro	4-Pack Rack (907739) 6-Pack Rack (907740)	230-575 V, three-phase. (Fused for 460/575 V)
XMT 350 FieldPro Polarity Reversing	4-Pack Rack (907742) 6-Pack Rack (907741)	230-575 V, three-phase. (Fused for 460/575 V)
XMT 450 CC/CV ArcReach	4-Pack Rack (907700)	230/460 V, three-phase. (Fused for 460 V)
Empty Rack	(300970)	

*Optional 115-volt auxiliary power provides 10 amps of circuit-breaker protected power for coolant systems, etc.

**Duty cycle rating below achieved with 6-gauge input power cord (8-gauge cord supplied with unit).

Model/Stock Number		Input Power	Amperage/ Voltage Ranges	IP Rating	Rated Output	Amps Input at Rated Load Output, 60 Hz								Max. Open-Circuit Voltage		Dimensions	Net Weight	
208 V	230 V	400 V	460 V	575 V	KVA	KW												
350 A	XMT 350 FieldPro Power Source only (907730) 208-575 V with Tweco® (907730002) 208-575 V with Dinse (907730001) 208-400 V with Dinse, CE		3-phase	5-425 A 10-38 V	IP23	350 A at 34 VDC, 60% duty cycle	40.4	36.1	20.6	17.8	14.1	14.2	13.6	75 VDC	H: 432 mm (17 in.) W: 318 mm (12.5 in.) D: 610 mm (24 in.)	42.2 kg (93 lb.)		
			1-phase	5-425 A 10-38 V		300 A at 32 VDC, 60% duty cycle**	60.8	54.6	29.7	24.5	19.9	11.7	11.2					
	XMT 350 FieldPro with Polarity Reversing Power Source only (907731) 208-575 V with Tweco® (907731002) 208-575 V with Dinse (907731001) 208-400 V with Dinse, CE		3-phase	5-425 A 10-38 V	IP23	350 A at 34 VDC, 60% duty cycle	40.4	36.1	20.6	17.8	14.1	14.2	13.6	75 VDC	H: 432 mm (17 in.) W: 318 mm (12.5 in.) D: 610 mm (24 in.)	42.2 kg (93 lb.)		
			1-phase	5-425 A 10-38 V		300 A at 32 VDC, 60% duty cycle**	60.8	54.6	29.7	24.5	19.9	11.7	11.2					
450 A	XMT 450 CC/CV ArcReach (1/2 in. stud) (907481003) 230/460 V (907481004) 230/460 V w/auxiliary power*		3-phase	15-600 A 10-38 V	IP23	450 A at 38 VDC, 100% duty cycle	—	51	—	27.6	24.4	22	18.9	90 VDC	H: 438 mm (17.25 in.) W: 368 mm (14.5 in.) D: 689 mm (27.125 in.)	55.3 kg (122 lb.)		
Wire Feeder Model/Stock Number		Input Power		Input Welding Circuit Rating	Wire Feed Speed		Wire Diameter Type and Capacity						Maximum Spool Size Capacity	Dimensions	Net Weight			
ArcReach Suitcase 8 (301457) Tweco®, CE		Operates on open-circuit voltage and arc voltage: 14-48 VDC/110 max. OCV		330 A at 60% duty cycle	1.3-19.8 mpm (50-780 ipm) dependent on arc voltage		Solid wire 0.6-1.4 mm (.023-.052 in.) Flux-cored 0.8-2.0 mm (.030-5/64 in.)						203 mm (8 in.), 6.4 kg (14 lb.)	H: 324 mm (12.75 in.) W: 184 mm (7.25 in.) D: 457 mm (18 in.)	13 kg (28 lb.)			
ArcReach Suitcase 12 (301456) Tweco®, CE		Operates on open-circuit voltage and arc voltage: 14-48 VDC/110 max. OCV		425 A at 60% duty cycle	1.3-19.8 mpm (50-780 ipm) dependent on arc voltage		Solid wire 0.6-1.4 mm (.023-.052 in.) Flux-cored 0.8-2.0 mm (.030-5/64 in.)						305 mm (12 in.), 20 kg (45 lb.)	H: 394 mm (15.5 in.) W: 229 mm (9 in.) D: 533 mm (21 in.)	15.9 kg (35 lb.)			
FieldPro Smart Feeder (301177) Dinse, CE (300935) Tweco® (300935002) Tweco® w/flowmeter		Operates on open-circuit voltage and arc voltage: 14-48 VDC/110 max. OCV*		275 A at 60% duty cycle	1.3-12.7 mpm (50-500 ipm) dependent on arc voltage		0.9-1.1 mm (.035-.045 in.)						305 mm (12 in.), 15 kg (33 lb.)	H: 457 mm (18 in.) W: 330 mm (13 in.) D: 546 mm (21.5 in.)	23 kg (50 lb.)			