

XMT[®] 350/450 Series

Multiprocess Welding
Power Source



Quick Specs

Heavy Industrial Applications

Construction
Shipbuilding
Railroad
Truck/Trailer Manufacturing
Fabrication
Repair Shops
Rental Fleets
Power Generation Plants

Processes

MIG (GMAW)/Pulsed MIG (GMAW-P)*
Stick (SMAW)
TIG (GTAW)
Flux-Cored (FCAW)
Air Carbon Arc Cutting and Gouging (CAC-A)
**XMT-350 CC/CV and 450 CC/CV with required optional control; not available with XMT 350 VS model.*

Input Power 350: Requires 3- or 1-Phase Power, 208–575 VAC, 50/60 Hz

450: Requires 3-Phase Power, 230/460 VAC, 60 Hz

Rated Output 350: 10–38 V, 15–425 A

450: 10–38 V, 15–600 A

Net Weight 350: 80 lb. (36.3 kg)

450: 122 lb. (55.3 kg)

The Power of Blue.[®]



XMT 350 CC/CV

XMT 350 VS



XMT 450 CC/CV

Wind Tunnel Technology™ protects electrical components and PC boards from contamination.

Fan-On-Demand™ cooling system operates only when needed, reducing noise, energy use and the amount of contaminants pulled through machine.

Lift-Arc™ allows TIG starting without the use of high-frequency. Starts the arc without contaminating the weld with tungsten.

Adaptive Hot Start™ increases the output amperage at the start of a weld if necessary, eliminating electrode sticking.

Lightweight, aerospace-grade aluminum case offers protection with the benefit of reduced weight.

XMT 350 Model Only

Auto-Line™ Power Management Technology allows for any input voltage hook-up (208–575 V) with no manual linking required, providing convenience in any job setting. Ideal solution for dirty or unreliable input power. (450 model is manual link.)

Dinse- or Tweco-style weld disconnects provide high-quality weld cable connections. (450 model utilizes studs.)

Inverter arc control technology provides greater puddle control for superior 6010 Stick electrode performance, and outstanding MIG weld performance.

Line voltage compensation keeps welding output constant even if input power varies by +/-10 percent. Line voltage compensation further expands to an amazing +37/-59 percent when operating on 460 VAC.

Process selector switch reduces the number of control setup combinations without reducing any features.

Large, dual digital meters are easy to view and are presettable to ease setting weld output.

XMT[®] 350/450 Specifications (Subject to change without notice.)



(XMT 450 CC/CV is 3-Phase only.)

Model	Input Power	Rated Output	Voltage Range in CV Mode	Amperage Range in CC Mode	Max. Open-Circuit Voltage	Amps Input at Rated Load Output, 60 Hz 208 V 230 V 400 V 460 V 575 V KVA KW								Dimensions	Weight
XMT 350 CC/CV and VS	Three-Phase	350 A at 34 VDC, 60% Duty Cycle	10–38 V	5–425 A	75 VDC	40.4	36.1	20.6	17.8	14.1	14.2	13.6	H: 17 in. (432 mm) W: 12.5 in. (318 mm) D: 24 in. (610 mm)	80 lb. (36.3 kg)	
	Single-Phase	300 A at 32 VDC, 60% Duty Cycle	10–38 V	5–425 A	75 VDC	60.8	54.6	29.7	24.5	19.9	11.7	11.2			
XMT 450 CC/CV	Three-Phase	450 A at 38 VDC, 100% Duty Cycle	10–38 V	15–600 A	90 VDC	—	51	—	27.6	—	22	18.9	H: 17.25 in. (438 mm) W: 14.5 in. (368 mm) D: 27.125 in. (689 mm)	122 lb. (55.3 kg)	