

FICHA TÉCNICA

MAQUINA DE SOLDAR XMT 350 VS

XMT® 350 VS



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
450: Requires 3-Phase Power

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)



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.

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 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.)



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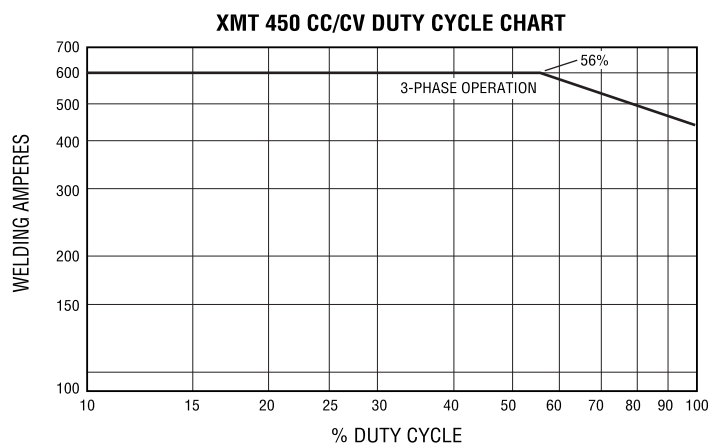
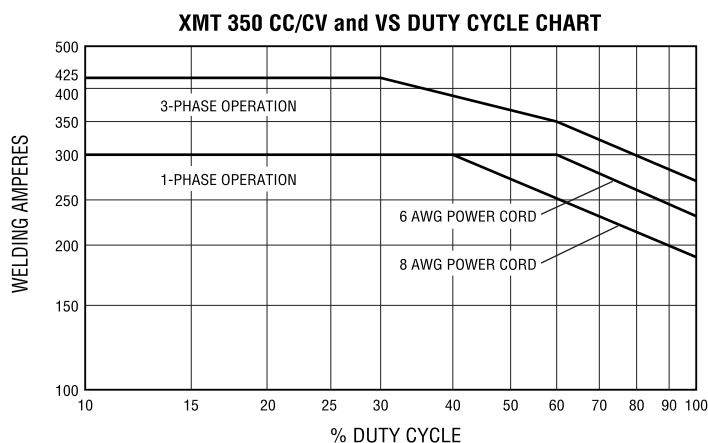
XMT 350 Specifications (Subject to change without notice.)

CC CV DC 3 Phase 1 Phase (XMT 450 CC/CV is 3-Phase only.)

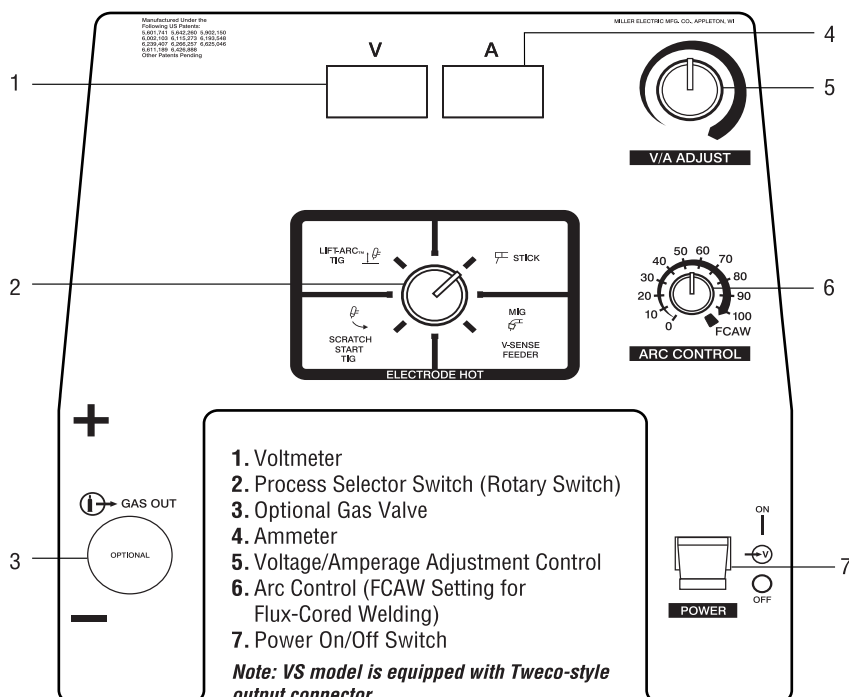
Model	Input Power	Rated Output	Voltage Range in CV Mode	Amperage Range in CC Mode	Max. Open-Circuit Voltage	Amps Input at Rated Load Output, 60 Hz								Dimensions	Weight
						208 V	230 V	400 V	460 V	575 V	KVA	KW			
XMT 350 CC/CV and VS	Three-Phase	350 A at 34 VDC, 60% Duty Cycle	10–38 V	5–425 A	75 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	32.1	27.6	24.4	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)	

CS Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

XMT 350 Performance Data



XMT 350 VS Control Panel



Additional Features

Low OCV Stick. A built-in, selectable feature, that reduces the Stick mode open-circuit voltage (OCV) to nearly 15 volts when the welding power source is not in use. Eliminates the need for add-on voltage reducers.

Note: VS model is available only with Tweco-style weld cable disconnects. Tweco cable connectors are not supplied with the unit and must be ordered separately.

Optional 115 VAC auxiliary power is not available on VS model.

Pulsed MIG (GMAW-P) capability is not available on VS model.

