

# 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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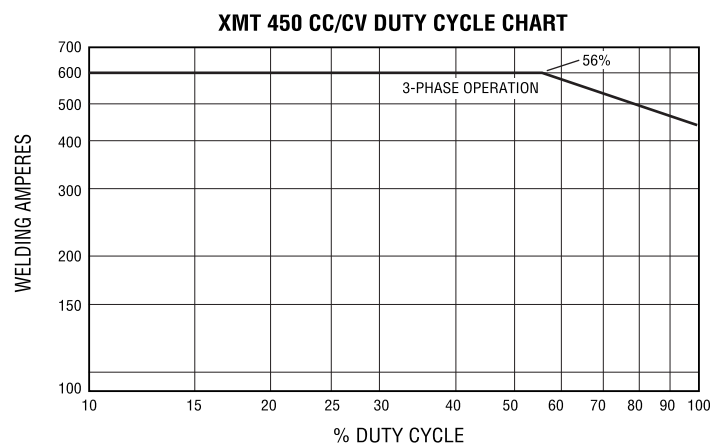
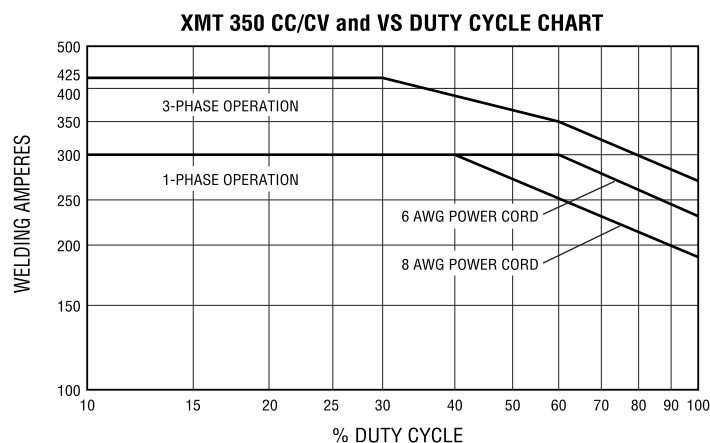
### XMT<sup>®</sup> 350 Specifications (Subject to change without notice.)

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

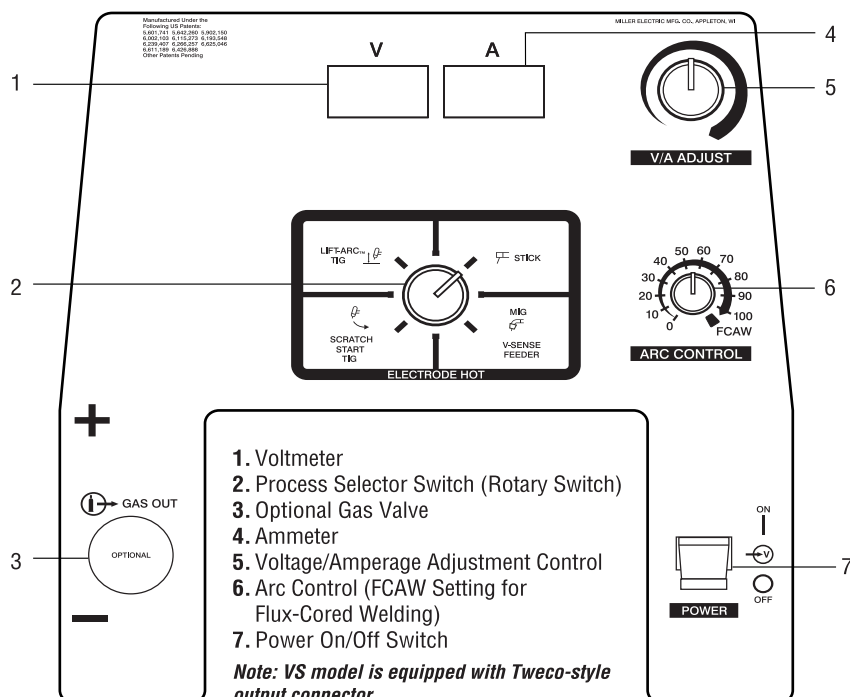
| Model                | Input Power  | Rated Output                     | Voltage Range in CV Mode | Amperage Range in CC Mode | Max. Open-Circuit Voltage | Amps Input at Rated Load Output, 60 Hz |       |       |       |       |      |      |                                                                         | 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)<br>W: 12.5 in. (318 mm)<br>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)<br>W: 14.5 in. (368 mm)<br>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<sup>®</sup> 350 Performance Data



### XMT<sup>®</sup> 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.**

