

FICHA TÉCNICA

MAQUINA DE SOLDAR XMT® 425 CC/CV



XMT® 425

Quick Specs

Heavy Industrial Applications

Construction
Shipbuilding
Railroad
Truck/trailer manufacturing
Fabrication
Repair shops
Rental fleets
Power generation plants

Processes

MIG (GMAW)
Stick (SMAW)
TIG (GTAW)
Flux-cored (FCAW)
Air carbon arc cutting and gouging (CAC-A)
Rated: 1/4-inch carbons
Capable: 5/16-inch carbons

Input Power

Auto-Line, 208-575 V,
requires 3- or 1-phase power

Output Range

10-38 V, 15-425 A

Net Weight

80 lb. (36.3 kg)

Portability and excellent arc performance make the XMT family the most popular in the industry.

With multiprocess capabilities and features like Auto-Line, the XMT 425 is portable and versatile for applications from jobsites to the factory floor.



Input power management
for portability



Lightweight and portable



Best multiprocess
capabilities



Power source is warrantied for three years, parts and labor.
Original main power rectifier parts are warrantied for five years.



FICHA TÉCNICA

MAQUINA DE SOLDAR XMT® 425 CC/CV



XMT 425 CC/CV Features

Versatility



For portability and reliability, Auto-Line allows for any input voltage hookup (208-575 V, single- or three-phase) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable input power.

14-pin receptacle has the flexibility to be used with spool guns, feeders, and remote controls.

Insight Core™

Optional Welding Intelligence system. XMT 425 CC/CV is Insight-capable to monitor weld voltage, amperage, and arc-time and percentage.

Multiprocess weld quality

High-quality performance in all welding processes.

Adaptive Hot Start makes starting stick electrodes easy without creating an inclusion.

Infinite arc control available in the stick and wire modes for easier fine tuning of tough-to-weld materials and out-of-position applications.

Lift-Arc provides arc starting that minimizes contamination of the electrode and without the use of high-frequency.



Reliability

Wind Tunnel Technology. Internal air flow that protects electrical components and PC boards from dirt, dust and debris greatly improving reliability.

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

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

Dinse-style weld disconnects provide high-quality weld cable connections.

Note: Two Dinse-style connectors are supplied with each Dinse machine.

Welder friendly control panel

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.

Ultra-tough, polycarbonate-blended cover protects front controls from damage.

Primary voltage display shows what primary voltage the power source is linked for without removing the side panels. Saves time and assures you that the power source has been correctly linked for available input voltage.

Auto Remote Sense enables unit to automatically use remote control if connected to remote control receptacle.

Portability

Jobsite mobility is made easy with a small, compact design and Auto-Line technology.

Specifications (Subject to change without notice.)



Input Power	Voltage Range in CV Mode	Amperage Range in CC Mode	Rated Output at 60% Duty Cycle	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				
Three-phase	10-38 V	5-425 A	350 A at 34 VDC	40.4	36.1	20.6	17.8	14.1	14.2	13.6		75 VDC	H: 17 in. (432 mm) W: 12.5 in. (318 mm) D: 24 in. (610 mm)	80 lb. (36.3 kg)
Single-phase	10-38 V	5-425 A	300 A at 32 VDC	60.8	54.6	29.7	24.5	19.9	11.7	11.2				

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

Performance Data

