

MODEL 317



Orbital Welding Controller

Experience the next generation in orbital welding technology. Designed for welders by welders. At AMI we merge 40 years of automated welding expertise with the most modern controls and interface technology.



- WITH 100% DUTY CYCLE THE M317 PROVIDES THE HIGHEST POWER/WEIGHT RATIO IN THE INDUSTRY
- UNRIVALED USER EXPERIENCE
- MODERN TOUCHSCREEN IMPROVES PERFORMANCE AND INCREASES PRODUCTION EFFICIENCY
- ADVANCED ORBITAL WELDING FEATURES: AUTOMATED PIPE SCHEDULE GENERATION
- VISION SYSTEM ENABLED
- WELDCLOUD AND ORBITAL ANALYTICS:
 - COLLECT, STORE AND MANGE YOUR DATA FILES LOCALLY OR ON THE CLOUD
 - ADVANCED ORBITAL ANALYTICS TO MAXIMIZE PERFORMANCE



ROBUSTNESS



INTUITIVE SYSTEM OPERATION



PRODUCTIVITY MONITORING



SAFETY



WELD CLOUD

Input Power

208-480 VAC
50/60 Hz 1.3 phase

Dimensions

Height: 20.1/2"
Width: 29.1/2"
Depth: 17.3/4"

Weld Current

Up to 350 (A)
100% Duty Cycle

Weight

99 lbs.

I/O Devices

4 USB ports
4 Gigabytes Ethernet

Water Cooler
Weld Cloud
Orbital Analytics

MODERN SOFTWARE

Multiple security levels allow for control of weld schedule, and change limits within prescribed limits. Unrivaled user interface.



208 TO 480 VAC 1,3 PHASE

350 AMPS MAX 100% DUTY

6 MOTION SERVOS

WELD CLOUD

SAFETY CERTIFICATIONS
ETL, CE

- SINGLE OR MULTIPASS WELDING SCHEDULE PROGRAMMING
- PULSED CURRENT, TRAVEL, WIRE FEED OSCILLATION, AND WIRE
- MANIPULATOR SYNCHRONIZATION
- STEPPED OR SPIRAL TRAVEL PROGRAMMING
- DATA ACQUISITION
- DATA ANALYTICS
- MULTI-LEVEL PASSWORD PROTECTION

Weld Graph



Data Analytics



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