

MODEL 317



Orbital Welding Controller

Experience the next generation in orbital welding technology. Designed for welders by welders. At AMI we provide 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
- 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 - 240VAC
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

130 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. Unrivalled user interface.



208 - 240 VAC 1,3 PHASE

350 AMPS MAX 100% DUTY

6 MOTION SERVOS LESS

WELD CLOUD

SAFETY CERTIFICATIONS
ETL, CE CCC PHASE

- 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

