# **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

LOCALLY OR ON THE CLOUD

- WELDCLOUD AND ORBITAL ANALYTICS:

  COLLECT, STORE AND MANGE YOUR DATA FILES
- 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

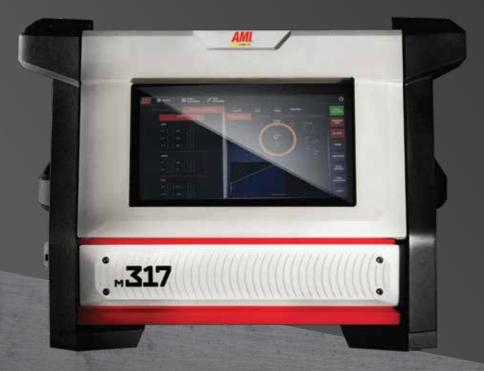
4 USB ports

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. Unrivaled 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



