

MODEL 205

TUBE WELDING POWER SUPPLY

AMI
ARC MACHINES, INC.®

The Next Generation in Orbital Welding

The Model 205 is the most advanced, easy to use orbital (GTAW) power supply in the industry - capable of welding tube, thin-wall pipe, and fittings from 3/32" (2,3 mm) through 7.5" (190,5 mm) OD, in wall thicknesses up to 0.160" (4 mm).

The feature-rich Model 205 addresses the needs of a wide range of industries: biopharmaceutical, semiconductor, food, dairy, beverage, aerospace, power generation, ship building and a wide variety of OEM applications.

- Plug compatible with all AMI fusion weld heads produced since 1976.
- Light weight and portable at only 50 lbs. (23kg).
- Auto-switching of input voltages from 100 to 240, 50/60 Hz.
- Versatile, durable and ready to go anywhere.
- 150 A maximum output possible on 100 VAC/30 A input.

www.youtube.com/user/Orbital10500 



Shown with optional water cooling unit



QUICK SPECS

Input Power

100 - 240 VAC service
Single-phase
50/60 Hz

Weld Current

5 - 150 A
100% Duty Cycle

Current Pulse Rate

0.05 - 50 PPS

Water Cooler

Optional

Multi-Level Functions

Primary Amps, Background Amps, Primary RPM, Background RPM, Primary Pulse Rate, Background Pulse Rate, Current Mode (continuous, pulsed), Rotation Mode (continuous, stepped, off)

I/O Device

USB (2.0)

Memory Capacity

4 GB

Dimensions

18" x 19" x 14.75"
(457 mm x 483 mm x 375 mm)

Weight

50 lbs.
(23 kg)



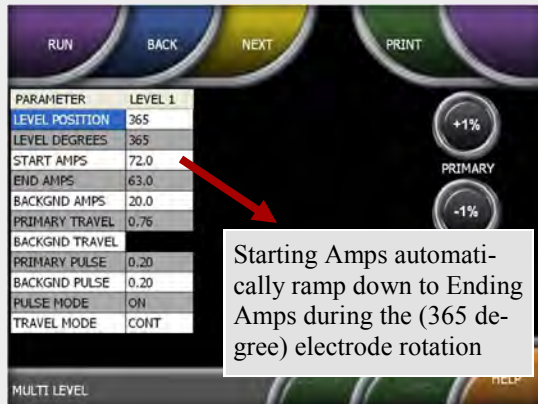
www.arcmachines.com

sales@arcmachines.com

MODEL 205 TUBE WELDING POWER SUPPLY

STANDARD FEATURES

- Patented S³ weld schedules
- 10" color touch screen with tilt-out
- Programming by time or degrees
- Library for extensive program storage
- Built-in thermal printer
- Multiple language capability
- Multi-use USB port
- 3-level logon password



Starting Amps automatically ramp down to Ending Amps during the (365 degree) electrode rotation



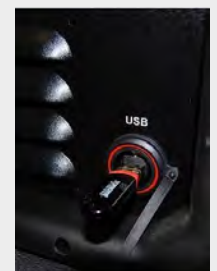
Data entry fields to record all pertinent details



Weld schedule library



Secured log-on



USB compatibility

ACCESSORIES

1. Cooling unit
2. Remote operator's pendant
3. Weld head extension cables
4. Remote pendant extension cables (not shown)



1.



2.



3.

Leaders & Innovators in Automated Orbital Welding

For further information please visit our website
or contact us at 1-818-896-9556



AMI
ARC MACHINES, INC.®

www.arcmachines.com

sales@arcmachines.com

HEADQUARTERS
Arc Machines, Inc.

10500 Orbital Way
Pacoima, CA 91331 U.S.A.
Tel: +1 / 818 / 896 / 9556
Fax: +1 / 818 / 890 / 3724
sales@arcmachines.com

EUROPEAN BRANCH OFFICE
Arc Machines, Inc.

Chemin du Lavasson 2, CH-1196
Gland, Switzerland
Tel: +41 / 22 / 995 / 0051
Fax: +41 / 22 / 995 / 0059
sales@arcmachines.ch

GERMAN OFFICE
Arc Machines GmbH

Markelsbach 2
D-53804 Much, Germany
Tel: +49 / 2245 / 91680
Fax: +49 / 2245 / 916868
sales@arcmachines.de

UK OFFICE

Arc Machines UK Limited
Unit 2 Lamport Court
Heartlands Business Park
Daventry, NN11 8UF, UK
Tel: +44 / 1327 / 312787
Fax: +44 / 1327 / 315034
sales@arcmachines.co.uk