

CGMP Bioprocess Equipment Manufacturing with Arc Machines, Inc.

Application:

- Bioreactors and fermentors

Material:

- Stainless steel

Welding Equipment:

Power Supply:

- **Model 207**

Weld Head:

- **Model 8-4000**

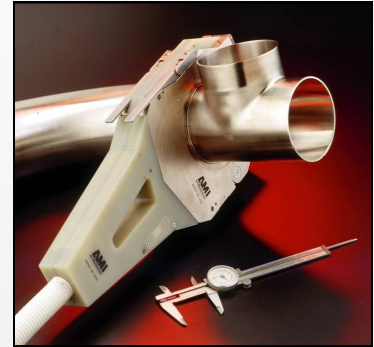
Benefits:

- ✓ **High quality weld surfaces**
- ✓ **Consistent weld-after-weld**
- ✓ **Elimination of defects**

For further information, call
AMI at 1-818-896-9556 or e-mail
sales@arcmachines.com



Model 207



Model 8-4000

SBBIS designed a new GMP facility for the fabrication of bioreactors, fermentors, and other bioprocessing equipment. Being experienced in orbital welding and having owned equipment since 1992, SBBIS chose Arc Machines' orbital welding equipment to perform welds that comply with the ASME Bioprocessing Equipment (BPE) Standard.

The new facility has six **Model 207** power supplies and several **Model 8-4000** weld heads from AMI that are bench mounted. Pipe stands are used to support the tubing assembly. Arc Machines' optional water cooling units, attached under the power supplies, increase the duty-cycle of the weld heads.

By using Arc Machines' intelligent welding products to their full potential, SSBIS achieved their goal of improving workflow and efficiency in their new facility.

To read the full story, visit www.arcmachines.com



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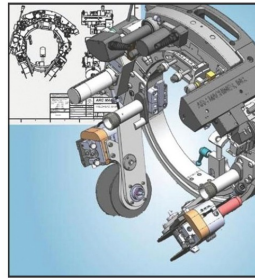
LEADERS & INNOVATORS in Automated Orbital Welding



Cutting Edge Narrow-Groove
Pipe Welding Technology



Advanced Fusion Welding
and Process Control



High-Tech Designs &
Engineering Services



Turnkey Integrated Systems

Advanced Products, Systems & Solutions



With over 3000 customer relationships in over 50 countries, Arc Machines, Inc. has set the standard for Automated Orbital Welding Equipment for over 30 years, combining Quality and Durability with Innovative Engineering and Design.

Around the world, leading manufacturers and contractors rely on AMI for their expertise in automated orbital welding and to develop customized solutions for new welding challenges.

www.arcmachines.com

AMI

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M207 Power Supply

QUICK SPECS

Input Power

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

Weld Current

100 - 150 A DC
100% Duty Cycle

I/O Device

M-207EMM

Memory Capacity

100 weld schedules maximum,
100 levels per schedule maximum

Water Cooler

Optional

Dimensions

11" x 22.75" x 18.75"
(279 mm x 578 mm x 476 mm)

Weight

79 lbs.
(36kg)



M8-4000 Weld Head

OD Range

0.25" - 4.00"
(6,35 mm - 101,6 mm)

Travel Motor

D.C., P.M., D.C., Tachometer

Head Weight

10 lbs.
(4,5 kg)

Electrode Size

1/16" and 3/32"
(1,6 mm and 2,3 mm)

Rotor RPM

0.1 - 10.0

Cable Length

25 ft. (7,6 m) when connected to adapter cable
(extensions available)

- Water cooling is recommended
- Compatible with all Arc Machines' Power Supplies