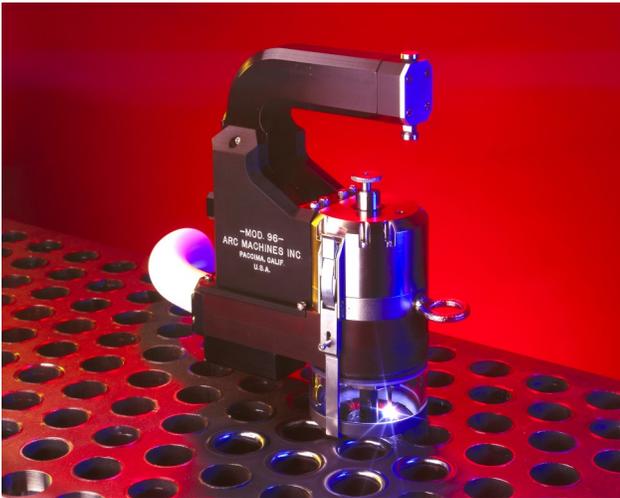


MODEL 96

SELF-SUPPORTING TUBE-TO-TUBESHEET GTAW (TIG) WELD HEAD



The widest range of orbital welding equipment in the world



The Model 96 is a compact, automated weld head designed for high-speed, high-production autogenous welding of tubes to tubesheet. Welds made with the Model 96, utilizing the GTAW (TIG) welding process, can pass the most rigid specifications.

The weld head is held in place on the tube to be welded by an expanding mandrel. This mandrel is actuated by a single button, conveniently located on the handle. Actuation of the mandrel holds the weld head firmly to the tubesheet and positions the torch concentric to the tube to be welded. The Model 96 features a completely enclosed purge chamber. The gas chamber eliminates the use of gas cups and provides superior shielding for materials which oxidize easily, such as titanium.

FEATURES

- Welds on flush, slightly recessed or slightly projected without the use of filler wire.
- Pulsed-current welding, and synchronized torch rotation.
- Servo-controlled rotation.
- Pneumatic mandrel operation.
- Transparent or opaque purge chamber.
- Self-supporting on tubesheet.
- Complete coverage of weld area with inert gas.
- Welds in any position, including overhead.
- One-button operation, quick mount and dismount.
- Water-cooled weld head.

QUICK SPECS

Tube Size Range

0.375" ID (9,525 mm) (min.)
1.87" ID (47,498 mm),
2.0" OD (50,8 mm) (max.)

Tungsten Size

1/16" or 3/32"
(1,6 mm or 2,4 mm \varnothing)

Weight

7 lbs. (3,17 kg)

Weld Current

Max. 150 ADC

Travel/Rotation Speed

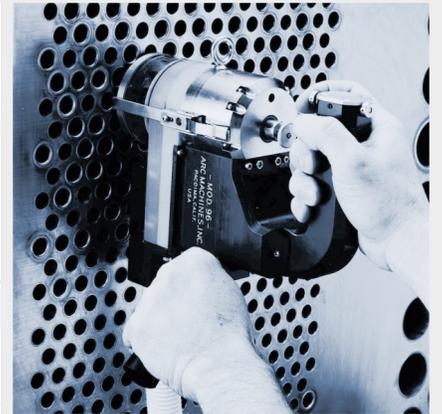
0.1 - 9.9 RPM



www.arcmachines.com

www.theglobalweldingcompany.com

MODEL 96 TUBE-TO-TUBESHEET WELD HEAD



COMPATIBLE AMI POWER SUPPLIES

The Model 96 is compatible with all AMI Power Supplies.



Model 205 WDR
The Next Generation
in Orbital Welding



Model 207
Workhorse of the
Automated
Welding Industry



Model 217 WDR
Capturing The
Heritage of the
Model 207



Model 307
High-End Capability
for Advanced Fusion
Welding Applications



Model 227
The #1 Power
Supply for Heavy
Wall Pipe
Welding



Model 415 WDR
The Industry's
Most Advanced
Power Supply
and Controller

The Global Welding Company

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



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