

Resistance Seam Welders

RWMA Size 3

Break-Through Design | Aerospace Class A | High-Speed

Seedorff manufactures the highest quality, most dependable Seam Welding Heads available in the United States. Silver-Inlay Brushes cradle a rotating Hi-CON Copper Mandrel under pressure making 65% electrical contact always regardless of wear. The Housing is filled with Castor Oil to lubricate the Brushes and Shaft as Welding Current is transferred from a Stationary to a Rotary Member.

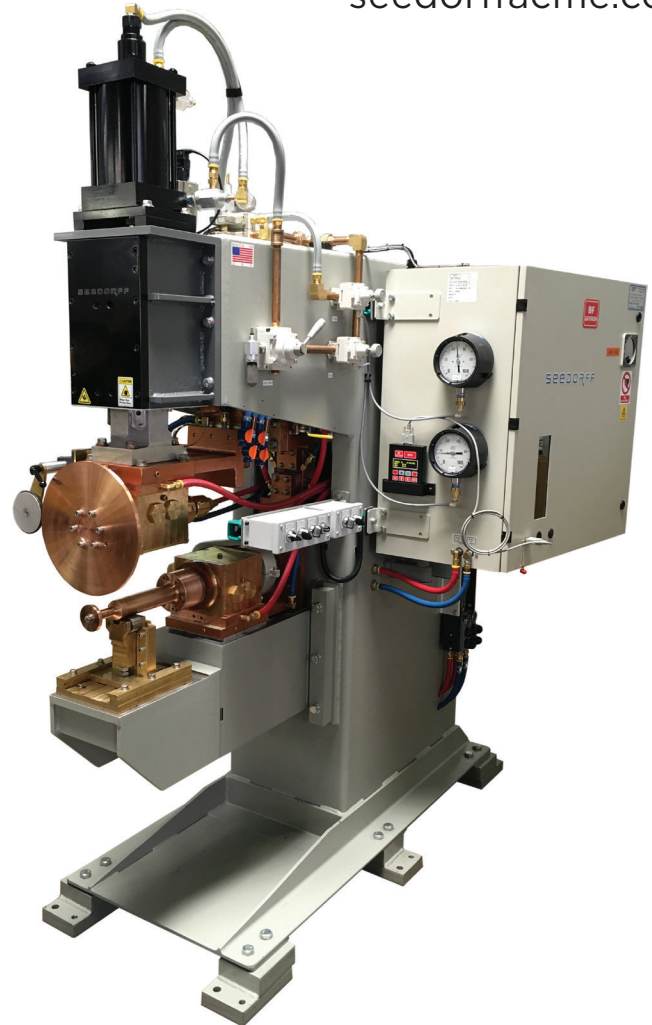
Core Features:

- Rigid Frame Construction
- Water-Cooled Copper Secondary
- Adjustable Lower Knee
- No-Lube Pneumatic System
- Multi-Function Foot Switch or Push-Button Station
- Advanced Design Low-Friction Air Cylinder
- Low Inertia Precision Linear Bearing Ram
- Made in USA
- 36-Month Warranty

Optional Features:

- Longitudinal Feed
- Proportional Air Regulation
- Constant-High/Constant-Low Variable Forge Pressure
- Constant Current Control
- Water Flow Regulation per Circuit with Flow Meter
- Network Comm
- Data Logging of Each Weld
- Electro-Silver Plate All Secondary Connections
- 60-Month Extended Warranty
- Certificate of Calibration

seedorffacme.com



Full 3-Year Warranty

Company warrants equipment shall be free from defect in material and workmanship for thirty-six (36) months from date of delivery.



Customize A Machine

Our machines can be modified to fit any custom application.

| Application | Weld Material | Certification |
|---|---|---|
| Sheet Metal - 2-ply Sheet Metal - Multi-ply Tube - Lap Joint Tube - Mash Seam Hermetic Seal | Low & High Carbon Steel Nickel Alloy High-Temp Alloy Aluminum Alloy Titanium, Brass, & Copper | NADCAP Compliant RWMA Compliant MIL-W- 6858 Compliant AWS D17.2 Compliant CE Certified CCC Certified |

Model Specifications

| | APS180CS3 | APS230ICS3 | APS280ICS3 |
|---|--|----------------------------------|--|
| KVA @ 50% D.C.: | 180 | 230 | 280 |
| Available Standard Throat Depth: | 18" / 24" / 30" / 36" / 60" | 18" / 24" / 30" / 36" / 60" | 18" / 24" / 30" / 36" / 60" |
| O/P Process: | Single-Phase AC | Mid-Freq Inverter AC / DC | Mid-Freq Inverter AC / DC |
| Electrode Force @ 80 PSI: | Up to 3,156 lbs | Up to 3,156 lbs | Up to 4,094 lbs |
| Production Welding Capacity 2 Pieces Clean Steel: | Up to 8 Gauge | Up to 8 Gauge | Up to 6 Gauge |
| Production Welding Capacity 2 Pieces Clean Aluminum: | .125 | .135 | Consult Factory |
| Wheel Spread: | Up to 45 in/min | Up to 45 in/min | Up to 45 in/min |
| Pneumatic System: | Low Friction No Lube DC Forge | Low Friction No Lube DC Forge | Low Friction No Lube DC Forge |
| Welding Control: | Microprocessor Closed-Loop Feedback | Microprocessor | Microprocessor Closed-Loop Feedback |

Standard Specifications: Production Ready

| | |
|---------------------------|---|
| RWMA Size | 3 |
| Motor Controller | DC Regenerative Drive |
| Drive Method | Direct or Knurl via Fractional HP DC Brushless Motor & Gear Reduction |
| Seam Weld Head | Current Collector Head Oil Bath |
| Power Requirements | 230VAC / 380VAC / 480VAC / 600VAC - 50 / 60 Hz |

Seedorff ACME assumes no responsibility for any errors that may appear in the publication. Product, pricing and feature information contained herein is subject to change without notice.