

Resistance Seam Welders

RWMA Size 1

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.

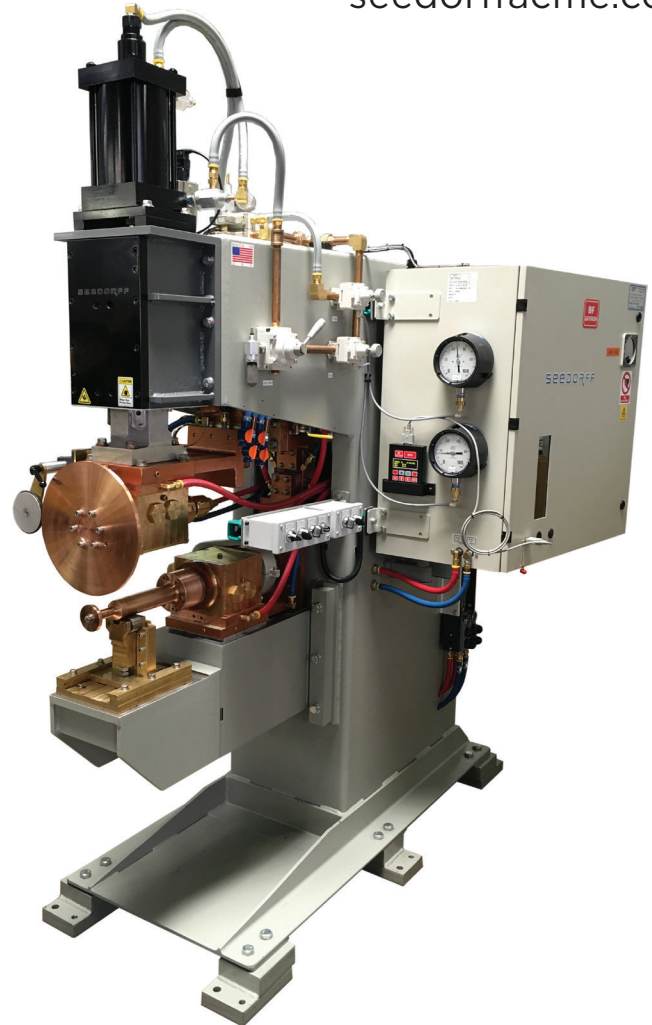
Core Features:

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

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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

	APS20CS1	APS70ICS1	APS100CS1
KVA @ 50% D.C.:	20	70	100
Available Standard Throat Depth:	18" / 24" / 30" / 36" / 48"	18" / 24" / 30" / 36" / 48"	18" / 24" / 30" / 36" / 48"
O/P Process:	Single-Phase AC	Mid-Freq Inverter AC / DC	Single-Phase AC
Electrode Force @ 80 PSI:	Up to 1,055 lbs	Up to 1,620 lbs	Up to 1,620 lbs
Production Welding Capacity 2 Pieces Clean Steel:	Up to 18 Gauge	Up to 14 Gauge	Up to 14 Gauge
Production Welding Capacity 2 Pieces Clean Aluminum:	N/A	.040"	.064"
Wheel Spread:	Up to 65 in/min	Up to 55 in/min	Up to 55 in/min
Pneumatic System:	Low Friction No Lube	Low Friction No Lube DC Forge	Low Friction No Lube
Welding Control:	Microprocessor	Microprocessor Closed-Loop Feedback	Microprocessor

Standard Specifications: Production Ready

RWMA Size	1
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

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