

# Resistance Seam Welders

## RWMA Size 2

### 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.

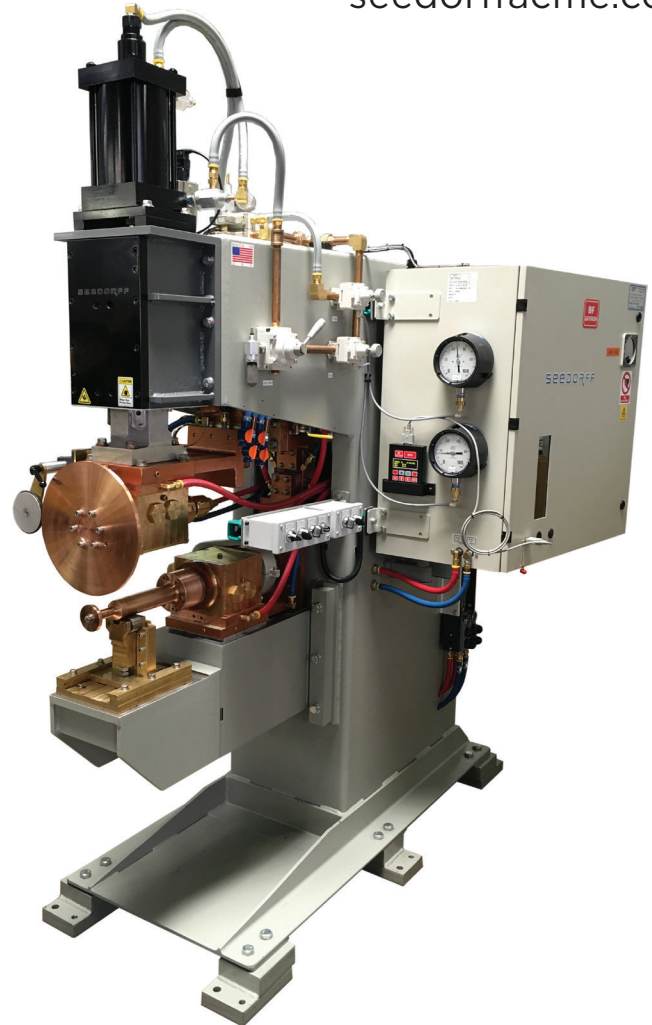
#### Core Features:

- 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

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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

Sheet Metal - 2-ply  
Sheet Metal - Multi-ply  
Tube - Lap Joint  
Tube - Mash Seam  
Hermetic Seal

## Weld Material

Low & High Carbon Steel  
Nickel Alloy  
High-Temp Alloy  
Aluminum Alloy  
Titanium, Brass, & Copper

## Certification

NADCAP Compliant  
RWMA Compliant  
MIL-W- 6858 Compliant  
AWS D17.2 Compliant  
CE Certified  
CCC Certified

# Model Specifications

	APS50CS2	APS70CS2	APS100CS2
<b>KVA @ 50% D.C.:</b>	50	70	100
<b>Available Standard Throat Depth:</b>	18" / 24" / 30" / 36" / 60"	18" / 24" / 30" / 36" / 60"	18" / 24" / 30" / 36" / 60"
<b>O/P Process:</b>	Single-Phase AC	Single-Phase AC	Single-Phase AC
<b>Electrode Force @ 80 PSI:</b>	Up to 1,650 lbs	Up to 2,340 lbs	Up to 3,156 lbs
<b>Production Welding Capacity 2 Pieces Clean Steel:</b>	Up to 13 Gauge	Up to 10 Gauge	Up to 8 Gauge
<b>Production Welding Capacity 2 Pieces Clean Aluminum:</b>	.031"	.040"	.064"
<b>Wheel Speed:</b>	Up to 55 in/min	Up to 45 in/min	Up to 45 in/min
<b>Pneumatic System:</b>	Low Friction No Lube	Low Friction No Lube	Low Friction No Lube
<b>Welding Control:</b>	Microprocessor	Microprocessor	Microprocessor

	APS120ICS2	APS140CS2	APS180ICS2
<b>KVA @ 50% D.C.:</b>	120	140	180
<b>Available Standard Throat Depth:</b>	18" / 24" / 30" / 36" / 60"	18" / 24" / 30" / 36" / 60"	18" / 24" / 30" / 36" / 60"
<b>O/P Process:</b>	Mid-Frequency Inverter AC / DC	Single-Phase AC	Mid-Frequency Inverter AC / DC
<b>Electrode Force @ 80 PSI:</b>	Up to 3,156 lbs	Up to 3,156 lbs	Up to 4,094 lbs
<b>Production Welding Capacity 2 Pieces Clean Steel:</b>	Up to 8 Gauge	Up to 8 Gauge	Up to 6 Gauge
<b>Production Welding Capacity 2 Pieces Clean Aluminum:</b>	.090"	Consult Factory	.120"
<b>Wheel Speed:</b>	Up to 55 in/min	Up to 45 in/min	Up to 45 in/min
<b>Pneumatic System:</b>	Low Friction No Lube	Low Friction No Lube	Low Friction No Lube
<b>Welding Control:</b>	Microprocessor	Microprocessor	Microprocessor

## Standard Specifications: Production Ready

<b>RWMA Size</b>	2
<b>Motor Controller</b>	DC Regenerative Drive
<b>Drive Method</b>	Direct or Knurl via Fractional HP DC Brushless Motor & Gear Reduction
<b>Seam Weld Head</b>	Current Collector Head Oil Bath
<b>Power Requirements</b>	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.