

# Resistance Press / Projection Welders

## RWMA Size 2

### Rigid | Precise | Dependable

Seedorff Press Welders are designed for a production environment. All Copper Secondary, Ridged Steel Frame, and a Precision no-lube Pneumatic System outfits every Seedorff Press Welder. All Models are available in Single-Phase AC or Three-Phase Medium Frequency Inverter AC or DC.

### Core Features:

- Rigid Frame Construction
- Water-Cooled Copper Secondary
- Adjustable Lower Knee
- No-Lube Pneumatic System
- Coalescing Air Filter
- 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:

- Proportional Air Regulation
- Constant-High / Constant-Low / Variable Forge Pressure
- 7x7 TEE-Slot Platen
- Integrated Load Cell
- Integrated Displacement Transducer
- Integrated Fast Follow-Up Spring System
- Constant Current Control
- Reversing Polarity Inverter Welding Transformer
- Fast Rise-Time Inverter Welding Transformer
- 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

Sheet Metal - 2-ply  
Sheet Metal - Multi-ply  
Projection Weld  
Cross Wire  
Mark-less Welding  
Resistance Brazing

## Weld Material

Low & High Carbon Steel  
High Strength 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

|   | APS50P2                     | APS75P2                     | APS100P2                    |
|---|-----------------------------|-----------------------------|-----------------------------|
| <b>KVA @ 50% D.C.:</b>                                      | 50                          | 75                          | 100                         |
| <b>Arm Dimension:</b>                                       | 2-1/2" x 3"                 | 2-1/2" x 3"                 | 3" x 3-1/2"                 |
| <b>O/P Process:</b>   | Single-Phase AC             | Single-Phase AC             | Single-Phase AC             |
| <b>Available Throat Depth:</b>                              | 12" / 18" / 24" / 30" / 36" | 12" / 18" / 24" / 30" / 36" | 12" / 18" / 24" / 30" / 36" |
| <b>Electrode Force @ 80 PSI:</b>                            | Up to 2,311 lbs             | Up to 2,311 lbs             | Up to 4,069 lbs             |
| <b>Production Welding Capacity 2 Pieces Clean Steel:</b>    | Up to 10 Gauge              | Up to 9 Gauge               | Up to 6 Gauge               |
| <b>Production Welding Capacity 2 Pieces Clean Aluminum:</b> | .031"                       | .040"                       | .064"                       |
| <b>Production Projection Welding Capacity:</b>              | M12                         | Consult Factory             | Consult Factory             |
| <b>Pneumatic System:</b>                                    | Low Friction No Lube        | Low Friction No Lube        | Low Friction No Lube        |
| <b>Welding Control:</b>                                     | Microprocessor              | Microprocessor              | Microprocessor              |

|   | APS130IP2                              | APS150P2                          | APS170IP2                              |
|---|--|-----------------------------------|--|
| <b>KVA @ 50% D.C.:</b>                                      | 130                                    | 150                               | 170                                    |
| <b>Arm Dimension:</b>                                       | 3" x 3-1/2"                            | 3" x 3-1/2"                       | 3" x 3-1/2"                            |
| <b>O/P Process:</b>   | Mid-Freq Inverter AC / DC              | Single-Phase AC                   | Mid-Freq Inverter AC / DC              |
| <b>Available Throat Depth:</b>                              | 12" / 18" / 24" / 30" / 36" / 48"      | 12" / 18" / 24" / 30" / 36" / 48" | 12" / 18" / 24" / 30" / 36" / 48"      |
| <b>Electrode Force @ 80 PSI:</b>                            | Up to 4,069 lbs                        | Up to 4,069 lbs                   | Up to 4,069 lbs                        |
| <b>Production Welding Capacity 2 Pieces Clean Steel:</b>    | Up to 6 Gauge                          | Up to 4 Gauge                     | Up to 4 Gauge                          |
| <b>Production Welding Capacity 2 Pieces Clean Aluminum:</b> | .090"                                  | .090"                             | .109"                                  |
| <b>Production Projection Welding Capacity:</b>              | Consult Factory                        | Consult Factory                   | Consult Factory                        |
| <b>Pneumatic System:</b>                                    | Low Friction No Lube<br>DC Forge       | Low Friction No Lube<br>DC Forge  | Low Friction No Lube<br>DC Forge       |
| <b>Welding Control:</b>                                     | Microprocessor<br>Closed-Loop Feedback | Microprocessor                    | Microprocessor<br>Closed-Loop Feedback |

## Standard Specifications: Production Ready

|                           |  |
|---------------------------|--|
| <b>RWMA Size</b>          | 2  |
| <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.