

Aluminum Repair Solutions



SP SERIES SMART MIG Pulse Welders



Input Voltage: Single Phase 208 - 240V 30A

50/60 hz

Amp/Volts Min-Max: MMA - 5A/20.2V - 200A/28V

TIG - 5A/10V - 200A/18V MIG - 20A/15V - 200A/24V

Protection: IP 22
Cooling: Fan Cooled

Insulation: H

System Weight: 200lbs (90kg)

SP-2 SMART Pulse MIG Welder



- 2 Dedicated Wire Spools and 2 Torches
- SMART Software Just grab the desired torch, click the trigger, and the welder adjusts to the correct weld settings and gas settings.
- Customizable Weld Settings
- Pulse MIG Technology

Input Voltage: Single Phase

208 - 240V 30A

50/60 hz

Amp/Volts Min-Max: MIG - 20A/15V - 200A/24V

Protection: IP 22 Cooling: Fan Cooled

Insulation: H

System Weight: 154lbs (70kg)

SP-1
Pulse MIG Welder



- 1 Dedicated Wire Spool (Aluminum, Silicon Bronze or Steel) and 1 Torch
- Portable
- Customizable Weld Settings
- Pulse MIG Technology
- · Optional Cart Available

Input Voltage: Single Phase

208 - 240V 30A

50/60 hz

Amp/Volts Min-Max: MMA - 5A/20.2V - 200A/28V

TIG - 5A/10V - 200A/18V MIG - 20A/15V - 200A/24V

IP 22

Protection: IP 22
Cooling: Fan Cooled

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Insulation: H

System Weight: 52lbs (23.5kg)





PS-DA5 **DRAWN ARC WELDER**

Precise Aluminum Dent Repair

The Pro Spot PS-DA5 Drawn Arc Welder is the latest technology in precise dent pulling for aluminum repair. Using drawn arc technology, the PS-DA5 easily applies pulling keys and threaded studs so that various tools can be used to pull dents from aluminum panels that would otherwise need replacing.

These applications are key for aluminum repairs as more and more aluminum vehicles hit the market. This is a must-have aluminum repair tool when working on the new, mixed matrix vehicles.

The PS-DA5 has a wide range of configurations to best fit your shop's needs. The PS-DA5 can also be added to a Mobile Weld Station for additional storage and mobility.



Technical Specifications

Input Power:	Three Phase
	208-240V 50/60Hz @ 40A
Current Range:	250/300/400/500 A

Protection Degree: IP 21 Dimensions: 28x18x18 Weight: 95lbs. (43kg)

MWS-DA5



PS-DA5 Aluminum Weld Station

Equip an Aluminum Weld Station with the PS-DA5 to take advantage of the mobility and storage that the portable welding cart offers. Stay organized and on top of aluminum welding by having a space in the shop dedicated to serving your aluminum dent repair needs.

Kev Features:

- PS-DA5 Drawn Arc Welder
- Stud Torch Adapter
- Key Torch Adapter
- Mobile Cart with Tool Board
- · 110V & 220V Utility Panel
- High Quality Work Surface
- Storage Drawer
- Gas Bottle Bracket
- Accessory Kit



Utility Panel Includes: (2) 220V Outlets (2) 110V Outlets and (2) Air Outlets



Gas Bottle Bracket



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Aluminum Weld Stations

The AL-5 Capacitor Discharge Stud Welder is designed for aluminum dent pulling with no, or very little, heat applied to the panels. The welder is easy to use and one dial sets the correct weld time. The welder auto detects the line voltage between 110 VAC – 240 VAC. (Can) The MWS-AL-BASIC was designed as a slimmed down version of the num repair needs, the MWS-AL Aluminum Weld Station. This low-cost option for shops has all of the key features for aluminum dent repair, such as the AL-5 Capacitor Discharge Welder which application of the welder auto detects the line voltage between 110 VAC – 240 VAC. (Can)	S-AL citor plies heat num
Description welder is easy to use and one dial sets the correct weld time. The welder auto detects the line voltage welder is easy to use and one dial dent repair, such as the AL-5 affected zone – crucial for aluming repair. The station includes	heat num
also be used with steel studs.) also be used with steel studs.) applies pulling studs with a small heat affected zone, which is crucial for aluminum repair. boards, storage for the pulling to applies pulling studs with a small station includes a utility panel power and air, keeping your warea free of extra cords.	tools The I for
Mobile Work Cart	
Tool Board	
Heavy Duty Rubber Mat	
Storage Drawer (1)	
3 Drawer Upgrade Option Option	
Storage Shelf	
Adjustable Work Bench Option Option	
110V Utility Panel	
220V Utility Panel	
Air Outlets 🗸	
Gas Bottle Bracket	
AL-5 Capacitor Discharge Welder	
SP-1 Pulse MIG Welder	
Fume Extractor (Built In)	
PR-111 Plasma Cutter	
Aluminum Hammer Set Option	
Heat Gun Option	
Aluminum Weld Studs	
Cool Gel Heat Barrier Spray Option	
Air Grinder	
Infrared Laser Thermometer Option	
Pull Bar System (PB-10) Option	
Advanced Action Pull Adapter (PB-20) Option Option Option	
Protective Cover Option Option	



MWS-AL Kit 2 MWS-AL Kit 3



Now you can have your aluminum dent repair and aluminum MIG welding tools in one convenient station. Kit 1 includes everything in the MWS-AL and the Pro Spot SP-1 Pulse MIG Welder. The SP-1 Pulse MIG Welder can be set up for Aluminum, Silicon Bronze, or Steel. The station also includes a built-in bottle bracket for the MIG welder.



Keep the work environment safe by removing harmful welding fumes with the built-in Fume Extractor included in Kit 2. All the tools for aluminum dent repair and MIG welding come equipped on the MWS-AL Kit 2 which has created a complete station ready to take on collision repair. Kit 2 includes everything in the MWS-AL as well as the SP-1 Pulse MIG Welder, built-in gas bottle bracket and a built-in Fume Extractor.



Complete your aluminum work station with a PR-111 plasma cutter. Kit 3 is a complete aluminum repair station including aluminum dent repair tools and accessories, a SP-1 Pulse MIG Welder, a built-in Fume Extractor and the PR-111 Plasma Cutter which was built for areas requiring sectioning. The station includes a utility panel for 110V & 220V power and air, keeping your work area free of extra cords.

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PR-5

Riveting System



Rivet Gun System

The Pro Spot PR-5 is designed to be the tool of today and tomorrow. The unique design allows for current attachments and adapters for various riveting applications. As the industry and repair demands change, the PR-5 design will allow future attachments to easily be added, making it the one-stop shop for rivet repair.

Features:

- · Easy to Use
- Used for Self-Piercing, Flattening and Rivet Removal
- Magnetic Punches Hold Rivets In Place
- Non-Thermal Joining Process
- Smart Trigger System
- · Portable, Battery Operated

Release

Technical Specifications

Performance Specs: Force Range: 20-50KN Travel: 45mm Typ. Cycle Time: 3-5 sec Power Source: 18V Battery (2ea) Charging Time: 2 Hrs Cycles/Charge: ~350 rivets Die Set for: Standard Accessories: SPR, SPR Removal, Flattening Calibrate Hole, Flow Form 55mm C-Arm Pull Adapter Optional Accessories: 120mm depth Arm 240mm depth Arm Custom Sized Arms

55mm Arm Quick Change Designed to quickly and easily change from one arm to another, saving time and hassle.

Force Adjustment Knob

Set the final pushing force (range: 5kN [1,100lbs] to 50kN [11,000lbs]).

Easy Maneuvering Handle

Rivet Studs

Rivet Nuts

Removable handle designed to easily balance and maneuver the Rivet Gun. The handle can be moved and used on either side.

Extension Adapter



Lock Nut

SMART Trigger
Pause forward motion by releasing the trigger, very useful when fine adjustments of alignment are needed. Air/hydralic systems don't have this feature.

Battery Operated

No hassle, no hoses and no cords. Uses 18V lithium-ion battery. On-board SMART system always provides correct hydraulic pressure regardless of battery voltage level.

The final force is NOT dependent on the charge level of the battery. Over 200 rivets per charge.



PR-5 **Attachments**

Optimized Extended Reach Arms

Pro Spot's new Rivet Gun Arms have been redesigned to be more efficient, ergonomic and more accessible.



PRR-CQ-55-85



PRR-CQ-120-80 (optional)



PRR-CQ-240-120 (optional)

Blind Rivet Adapter



- · Adapts to Rivet Gun in 30 sec.
- Pivots to any desired position
- Enclosed Internal Hydraulic System

Patent Pending

Rivet Dies

For Self-Piercing Rivets



SA-0402: Forming Die



For Removing Rivets



PRR-10: Male Rivet Removal Die (5mm) PRR-11: Female Rivet Removal Die (5mm)



PRR-12: Male Rivet Removal Die (3mm) PRR-13: Female Rivet Removal Die (3mm)

For Flow Form



PRR-FF11: Forming Side PRR-FF10: Rivet Head Side

For Flattening



PRR-14: Flattening Die



PR-5 Die Kit

For Calibration Punch



PRR-C10, PRR-C11, PRR-C12: Calibration Dies



PR-5 Complete System Comes With A Case







Fume Extractor FE-110 & FE-220



Promote A Safer Work Environment

The Pro Spot Fume Extractors are designed to remove harmful welding fumes for a variety of applications. Fumes are captured using an adjustable 6' flame retardant flexible hose and filtered through HEPA filters.

Pro Spot Fume Extractors are portable, quiet, efficient and are available in 110V or 220V. The Fume Extractor comes in two versions, the portable floor unit and a unit that can be built into any Mobile Weld Station.

Key Features:

- Elimnates Harmful Fumes
- Low Maintenance
- Quick Change Filters
- Extremely Portable
- Variable Speed Fan Control
- Steel Construction

Built-In Fume Extractor Shown on the Aluminum

Weld Station.







Easy to Replace Air Filters

Technical Specifications

Input Voltage:	110VAC/ 220VAC
CFM:	100 -1600
Filters:	Carbon Pre Filter
	99.99% Efficiency @ 0.3 Micron
	HEPA Filter
	99.99% Efficiency @ 0.3 Micron
Cabinet Size:	99.99% Efficiency @ 0.3 Micron 17.5"W x 20"H x 20"L
Cabinet Size: Flexible Hose Size:	•
	17.5"W x 20"H x 20"L
Flexible Hose Size:	17.5"W x 20"H x 20"L 6" Diameter x 72" Length

Pro Spot is a proud USA manufacturer in Carlsbad, CA. The Carlsbad factory owns and manages an on-site machine shop, sheet metal shop, fabrication shop, powder coating department, production lines, R&D departments and a training center





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