

Aluminum Repair Solutions



Aluminum Weld Station
Aluminum Dent
Pulling System



Smart Pulse MIG
Aluminum, Silicon Bronze, Steel
All-in-One



Fume Extractor



Rivet Gun
System

Toll Free: 1 877 PRO SPOT
Phone: +1 760-407-1414
Fax: +1 760-407-1421
E-Mail: info@prospot.com
Web: www.prospot.com

5932 Sea Otter Place, Carlsbad, CA 92010 USA

SP SERIES

SMART MIG

Pulse Welders

SP-5 SMART Pulse MIG Welder



- 3 Dedicated Wire Spools (Aluminum, Silicon Bronze and Steel) and 3 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:	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)

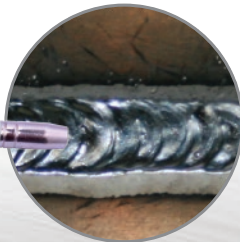
SP-1 Pulse MIG Welder



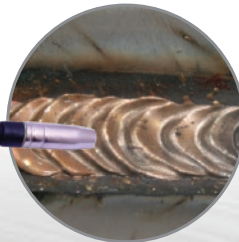
- 1 Dedicated Wire Spool (Aluminum, Silicon Bronze or Steel) and 1 Torch
- Portable
- Customizable Weld Settings
- Pulse MIG Technology
- Optional Cart Available

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
Protection:	IP 22
Cooling:	Fan Cooled
Insulation:	H
System Weight:	52lbs (23.5kg)

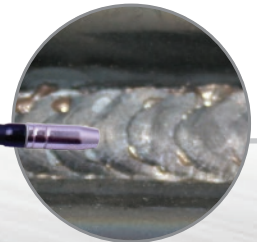
Aluminum



Silicon Bronze



Steel



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.

Key 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

Aluminum Weld Stations

	AL-5	MWS-AL-BASIC	MWS-AL
Description	 <p>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 also be used with steel studs.)</p>	 <p>The MWS-AL-BASIC was designed as a slimmed down version of 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, pulling tools and accessories. The AL-5 applies pulling studs with a small heat affected zone, which is crucial for aluminum repair.</p>	 <p>Designed to meet all of your aluminum repair needs, the MWS-AL features the AL-5 Capacitor Discharge Welder which applies pulling studs with a small heat affected zone – crucial for aluminum repair. The station includes tool boards, storage for the pulling tools and accessories for dent repair. The station includes a utility panel for power and air, keeping your work area free of extra cords.</p>
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

✓ = Included in MWS

Option = Additional MWS upgrade not included, purchased separately

PR-5 Riveting System



Applications:

- Self Piercing Rivets
- Solid Rivets
- Blind Rivets
- Flow Form Rivets
- Rivet Studs
- Rivet Nuts

Rivet Gun System

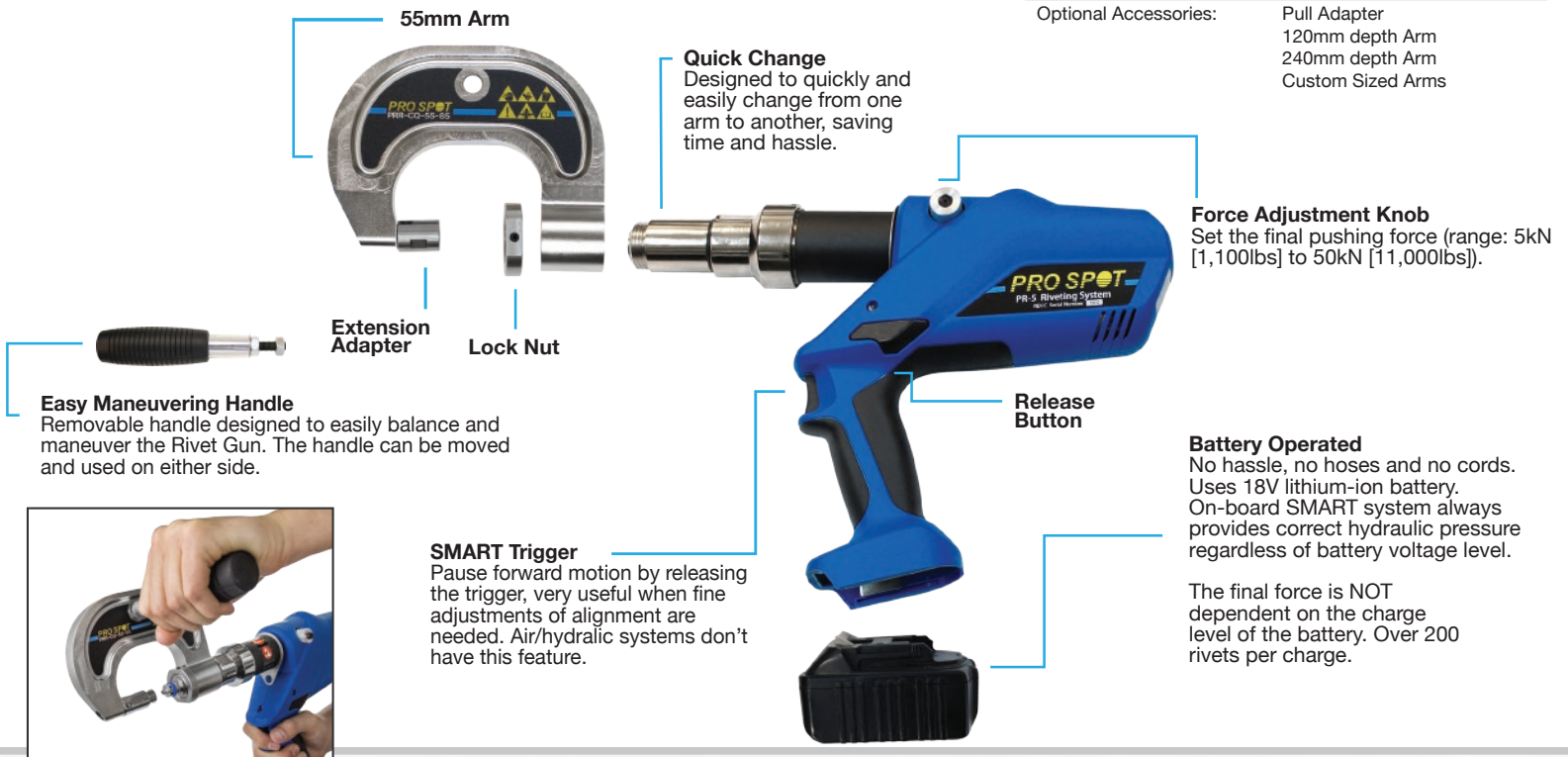
The Pro Spot PR-5 is designed to be the tool of today and tomorrow. The unique design allows for current attachments and adapters for various riveting applications. As the industry and repair demands change, the PR-5 design will allow future attachments to easily be added, making it the one-stop shop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

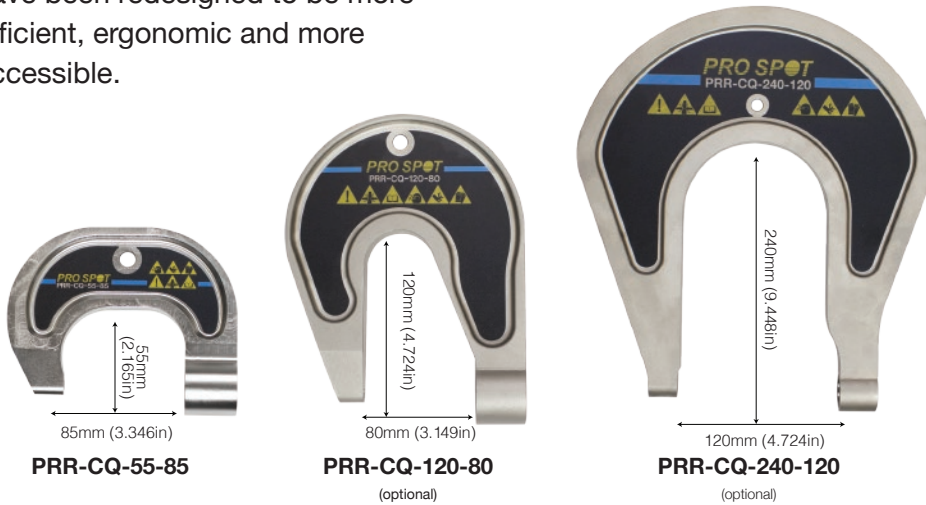
Technical Specifications

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
Standard Accessories:	Die Set for: SPR, SPR Removal, Flattening Calibrate Hole, Flow Form 55mm C-Arm
Optional Accessories:	Pull Adapter 120mm depth Arm 240mm depth Arm Custom Sized Arms



Optimized Extended Reach Arms

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



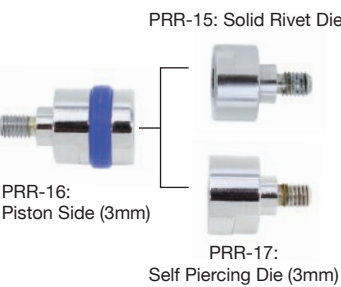
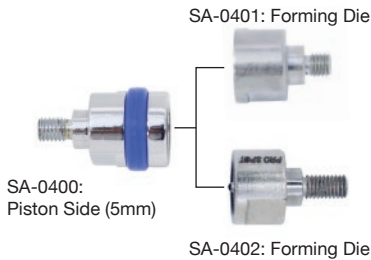
Blind Rivet Adapter



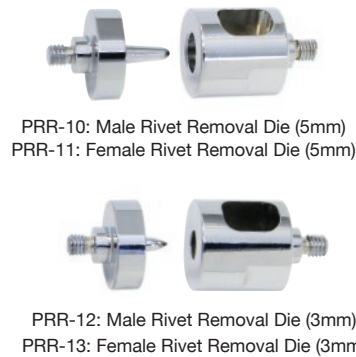
- Adapts to Rivet Gun in 30 sec.
 - Pivots to any desired position
 - Enclosed Internal Hydraulic System
- Patent Pending

Rivet Dies

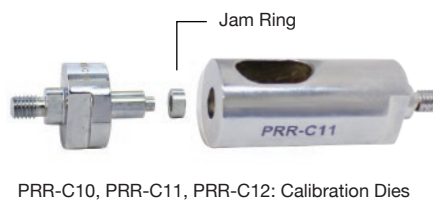
For Self-Piercing Rivets



For Removing Rivets



For Calibration Punch



For Flow Form



For Flattening



Fume Extractor FE-110 & FE-220

PRO SPOT
QUALITY WELDING SYSTEMS

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:

- Eliminates 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:	17.5"W x 20"H x 20"L
Flexible Hose Size:	6" Diameter x 72" Length
Working Sound Level:	65dba
Weight:	55lb (24.9kg)


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



Made in the USA

 **760-407-1414**

 **info@prospot.com**

 **www.prospot.com**

Toll Free (US only): 877 PRO-SPOT (776-7768)