

PRO SPOT

QUALITY WELDING SYSTEMS

PR-5D Multi-Function Riveting System

- Force Adjustment Range: 10-50kN
- Magnetic Dies for Quick Installation
- PR-5D BASIC and PRO Options
- Battery Operated (Lithium-Ion)
- Enhanced Removal Die
- On-board digital screen display
- Logs number of cycles
- Service Alarms



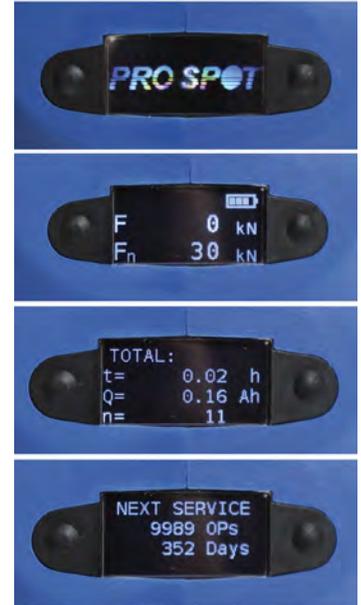
APPLICATIONS:

- Self Piercing Rivets (SPR)
- Rivet Removal
- Solid Rivets
- Flow Form
- Blind Rivets
- Calibrating
- BOM Rivets
- Flattening
- Pin & Collar

PRO SPOT



PR-5D DIGITAL SCREEN



PR-5D BASIC AND PRO PACKAGES

PR-5D BASIC	Carrying Case / Die Kit / Batteries / 1 Arm	PR-5D PRO	Carrying Case / Die Kit / Batteries / 2 Arms / Blind Rivet Adapter
Includes:	Batteries / 1 Arm	Includes:	2 Arms / Blind Rivet Adapter
Part Number:	PR-5D-BASIC-FORD PR-5D-BASIC-TESLA	Part Number:	PR-5D-PRO-FORD PR-5D-PRO-TESLA

APPLICATIONS DIES



REMOVAL DIES



STANDARD DIE KIT

The standard die kit included with the PR-5D is collection of versatile dies that lend themselves to multiple applications. Changing dies is as easy as turning a screw.

PR-5D MULTI-FUNCTION RIVETING SYSTEM

The PR-5D Multi-Function Riveting System combines multiple rivet applications in one versatile unit. The magnetic dies hold the rivets in place, making operation quick and easy. The arms and adapters quickly connect, to efficiently change operations. SMART features include a stop-and-go trigger for accuracy, force control and more.

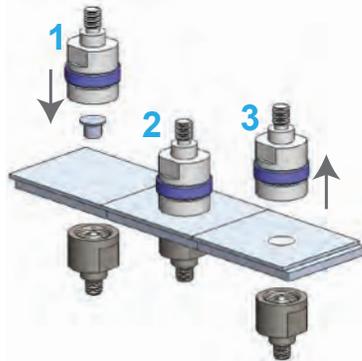
FEATURES:

- Force Control: 10kN to 50 kN / Smart Trigger System
- Used for Self-Piercing, Flattening and Rivet Removal
- Magnetic Dies for Quick Installation
- Easy Maneuvering Handle / Meets all OEM specs
- Portable / Battery operated (Lithium-Ion)

APPLICATION PROCEDURES:

Installing Self-Piercing Rivets (SPR)

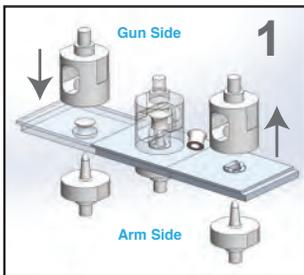
1. Place the self-piercing rivet onto the magnetic die
2. Complete pressure cycle so the male rivet die pushes the SPR through the base materials into the forming die.
3. Proceed to next rivet.



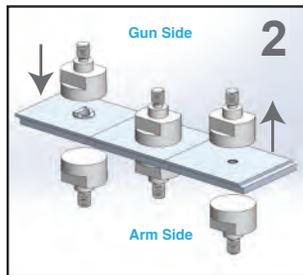
Final Application

Flow Form Rivets / Solid Rivets Process:

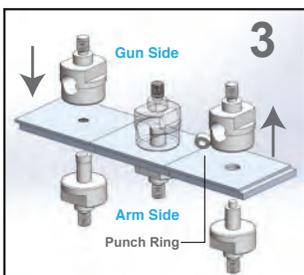
Rivet Removal



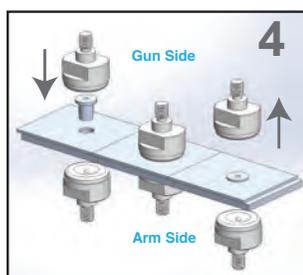
Flattening



Punch Calibration



Rivet Installation



SPR Removal



SPR Removal



Blind Rivet Adapter

RIVETING ARMS:

- Quick change design allows arms to be changed in seconds
- Removable handle can be used on the left or right side
- Self-centering feature keeps ram inline
- 360° pivot action around the nose



PRR-CQ-55-85
(Standard)



PRR-CQ-120-80
(Included in PRO Kit)



PRR-CQ-240-120
(Optional)

BLIND RIVET ADAPTER

With the assistance of a coupler, the patented PR PA20 Blind Rivet adapter enables the PR-5D to set blind rivets at 20kN force.

(Included in PRO Kit)



EASY MANEUVERING HANDLE

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



TECHNICAL SPECIFICATIONS

Performance:	Force Range: 10-50kN
	Travel: 45mm
	Typ. Cycle Time: 3-5 sec
Power Source:	18V Lithium-Ion Batteries (2ea)*
	Charging Time: 2 Hrs
	Cycles/Charge: ~250

*Batteries excluded for international shipment

UPGRADE TO RIVETING AND BONDING STATION

The PR-5D-RBS Riveting and Bonding Station offers the perfect solution for demanding riveting work space environments. It not only organizes all of your tools and supplies into one convenient, lockable storage cabinet, it significantly increases your productivity through advanced engineering and technology. 8" Digital WiFi Tablet with Interactive "Knowledge Center" for Training Videos and "How-To" Instructions included.

