



PAH-1

Stud Welding Gun

for CD or ARC stud welding with automatic stud feeding according to current standards

Technical Data

Welding range	#4 to 5/16", dia. #4 to 5/16" (M3 to M8, dia. 3 to 8 mm)
Stud length	0.31" to 1.18" (8 to 30 mm)
Stud material	Mild steel, stainless steel, aluminum, brass
Stroke	Adjustment range 0.20" (5 mm)
Welding cable	9.84' (3 m)
Insulation class	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Operational and storage conditions	According to current standards
Dimension L x W x H	11.61" x 2.36" x 6.70" (295 x 60 x 170 mm) without cable
Weight	3.09 lbs (1.4 kg) without cable
Order No.	94-20-025

General Information

Application

- Especially suitable for thin sheets (at least 0.5 mm)

Process variants

- **Contact welding** (optional)
- **Gap welding**
- **Short cycle drawn arc welding**

Advantages

Structure

- Rigid casing made of impact-resistant plastic
- Slide bearing for guiding the welding piston
- Sealed welding piston guidance
- Ergonomic design
- Adjustable lift
- Stud length convertible (up to 30 mm)
- Mechanical structure tested in production
- Electronically controlled



Safety

- Secure lift adjustment (with lock nut)
- High level of security to prevent the selected settings being changed inadvertently
- Guidance system protected against spatters

Welding

- Individual adjustment options for optimum welding results
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)

Issue 01/10
(Technical data may change)