



KAH 1

Automatic Stud Welding Head

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) other lengths on request
Stud material	Mild steel, stainless steel, aluminum, brass
Insulation class	IP 20
Workplace noise level	Bang > 90 dB (A) may occur during welding
Operational and storage conditions	According to current standards
Dimension L x W x H	15.55" x 3.74" x 3.66" (395 x 95 x 93 mm) with chuck and quick change system
Weight	5.29 lbs (2.4 kg)
Order No.	80-09-365A

General Information

Application

- Especially suitable for thin metal sheets from 0.6 mm

Process variants

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

Advantages

Structure

- Rigid casing made of metal
- Slide bearing for guiding the welding piston
- Sealed welding piston guidance
- Compact dimensions
- 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)
- Possible to match with special welding elements
- Manual or fully automatic stud feed possible (welding element is automatically pushed through the feed tube in the chuck)

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(Technical data may change)