HBS

A 25

Stud Welding Gun (damped)
for ARC stud welding
according to current standards

Technical Data

Welding range	Dia. 14 to 25 mm
Stud length	10 to 390 mm (depending on tripod)
Stud material	Mild steel, stainless steel
Stud type	Any type or shape (special chucks if required)
Length compensation	9 mm automatic
Stroke	Adjustment range 6 mm, (0.25 mm steps, arresting)
Damping	Adjustable oildamper
Welding cable	1.5 m, 120 mm^2
Insulation class	IP 20
Workplace noise level	Up to 90 dB (A) may occur during welding
Operational and storage conditions	According to current standards
Dimension L x W x H	260 x 74 x 220 mm (without cable, with foot piece)
Weight	2 kg (without cable)
Order No.	**93-20-295**

General Information

Application

- Especially suitable for thicker metal sheets from approx. 2 mm
- Especially suitable for through deck welding
- Automatic compensation of length tolerance of welding elements through integrated length adjustment

Process variants

- **Drawn arc welding** with ceramic ring

Advantages

Structure

- Rigid casing made of impact-resistant plastic
- Slide bearing for guiding the welding piston
- Sealed welding piston guidance
- Ergonomic design
- Compact dimensions
- Lift adjustment
- Stud length freely adjustable
- Mechanical structure tested in production

- Reduced heating of the stud welding gun body thanks to externally positioned welding current cable

Safety
- Lock-in lift adjustment
- 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
- Reproducible piston movement with minimized rebound effect for optimum welding quality via lift damper
- Optimum handling and fatigue-free operation
- Welding on painted sheets possible (clean, smooth and flat surfaces and grounding required)
- Ideal for high clock sequences with big diameters
- Automatic length compensation
- Damped plunging in the weld pool with installed oil damper

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(Technical data may change)