

Product-datasheet

Automatic welding gun ATP-8



The automatic stud welding gun ATP-8 allows semi-automatic and fully automatic welding of many welding elements according to standard DIN EN ISO 13918



Technical features

The **automatic stud welding gun ATP-8** is suitable for the economical welding of metric studs, pins and inthreaded studs in series from medium to larger piece according to following procedures:

- Capacitor discharge welding according to No. 786 / ISO 4063:2008
- Short cycle welding according to No. 783 / ISO 4063:2008
- Drawn arc welding according to No. 784 / ISO 4063:2008

Due to the precise sliding bearing guidance of the piston at welding gun ATP-8, the greatest possible positioning accuracy is ensured. The simple and robust design allows a practical application even under harsh working conditions. Equipped with a feeding tube, studs can be fed by hand or fully automatically stud feeding system system BZ-V01.

Other special features:

- Robust, impact resistant housing
- Easy lifting adjustment
- Simple and fast retrofitting of the automatic chuck, guide sleeve and ramming rod
- Problem-free replacement of the standard base plate against the centering device or protective gas adapter if required

Technical specifications

Welding application	Capacitor discharge welding Drawn arc welding Short cycle welding
Application area	Carbon steel, stainless steel, brass, aluminium alloy
Welding area	Metric studs and pins Ø3 (metrics M3) – Ø8 (metrics M8); Length 6mm – 30mm, other length on request
Stud feeding system	Semi-automatic (hand insert) Automatically (fully automatic stud feeder BZ-V01)
Guidance	Precise sliding bearing guidance
Lift adjustment	1 – 6mm, infinitely variable
Accessories (optional)	Cantring device Gas device
Welding cable	3m, 25mm ²
Dimensions (Width x height x length)	70 x 180 x 300mm
Weight (including cable)	1,8kg

subject to change without notice

