

Tabletop stud welding machine MAS-02



The MAS-02 is an economically priced and flexible device for stationary stud welding. It is adaptable for different welding tasks (e.g. with x-axis, workpiece turning device) and can be equipped with various workpiece mounting devices (e.g. movable workholding device, turntable).

The tabletop stud welding machine is ideal for the cost-effective serial production of small parts. It stands out by the highest precision in the positioning of welding elements and its ease of use at the same time.

The MAS-02 is applicable for all stud welding methods. It can be operated with the entire range of BTH stud welding units and the automatic welding heads KHA-200F and KKA-200F. The stud feeding is carried out automatically (by the automatic stud feeder VBZ) or semi-automatically (by manual insertion).

Details:

- ideal for cost-effective serial production of small parts
- flexibly adaptable for different welding tasks (e.g. with x-axis, workpiece turning device)
- can be equipped with various workpiece mounting devices (e.g. movable workholding device, turntable)
- applicable for all stud welding methods
- highest accuracy in positioning of welding elements
- suitable for automatic use (automatic stud feeding by stud feeder VBZ) and semi-automatic use (manual stud feeding into the welding head)
- simple handling
- quick and simple retooling
- highest operational repeatability, high welding quality, high reliability
- two-hand safety release of welding procedure
- freely programmable control
- continuous height adjustment up to 80 mm (standard)
- simulation of welding process with function control and lift adjustment on welding head (set up operation)
- robust and solid construction made from aluminium profiles
- big, from all sides easily accessible desk top made from aluminium with T-slots
- ergonomic arrangement of control elements
- connections pluggable (for quick assembly and easy maintenance)
- electronic function monitoring
- reliable and durable through high quality mechanical components
- compact and space saving
- optional: pneumatic workpiece clamps with integrated mass transmission
- optional: protective housing



STUD WELDING TECHNOLOGY BY



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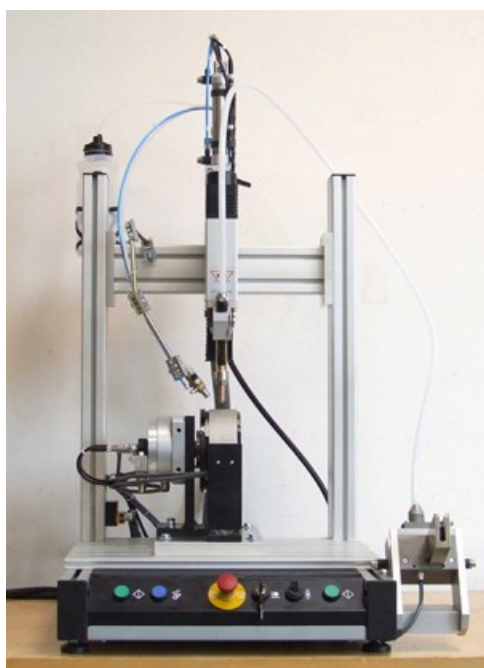
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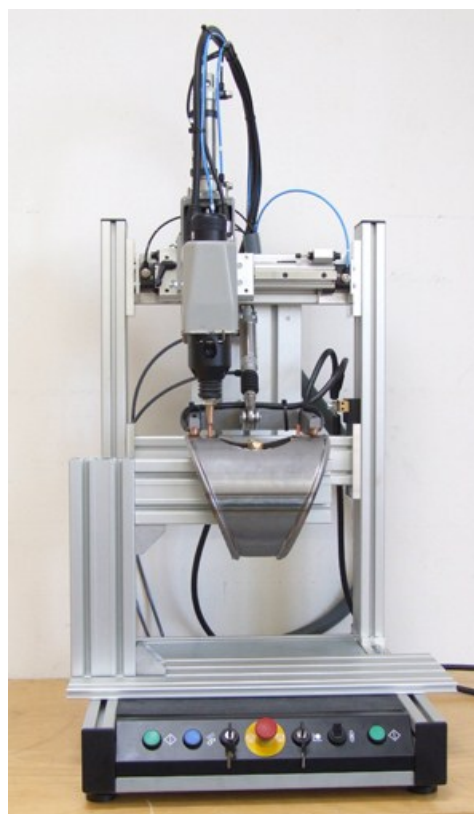
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- Technical data and characteristics -

Tabletop stud welding machine MAS-02	
Welding range	Ø 2-8 mm (other Ø on inquiry)
Stud length	8-30 mm (other lengths on inquiry)
Welding method (acc. to DIN EN ISO 14555)	capacitor discharge (contact and gap method), short cycle, drawn arc
Working lift (welding head)	80 mm
Compressed air supply	6 bar
Suitable stud welding heads	KHA-200F, KKA-200F
Dimensions	
Width (mm)	450
Height (mm)	530
Length (mm)	550
Weight (kg)	27,5



MAS-02 with rotating device
and pneumatic single stud feeding



MAS-02 with X-axis
and automatic stud feeding