

MAS-04

TABLETOP STUD WELDING MACHINE



STUD WELDING TECHNOLOGY BY



STUD WELDING

RELIABLE AND DURABLE!
HIGH QUALITY MECHANICAL
COMPONENTS!

HIGHEST ACCURACY
IN POSITIONING OF
WELDING ELEMENTS

CONTINUOUS HEIGHT ADJUSTMENT
UP TO 80 MM

APPLICABLE FOR ALL STUD
WELDING METHODS

ROBUST AND SOLID
SET-UP MADE FROM
ALUMINIUM PROFILES

COMPACT AND
SPACE SAVING

SIMULATION OF WELDING PROCESS
WITH FUNCTION CONTROL AND LIFT
ADJUSTMENT ON WELDING HEAD
(SET UP OPERATION)

OPTIONAL:
X-AXIS

CAN BE EQUIPPED WITH VARIOUS
WORKPIECE MOUNTING DEVICES
(E.G. MOVABLE WORKHOLDING DEVICE,
TURNABLE)

PLUG-IN CONNECTIONS
(FOR QUICK ASSEMBLY AND
EASY MAINTENANCE)

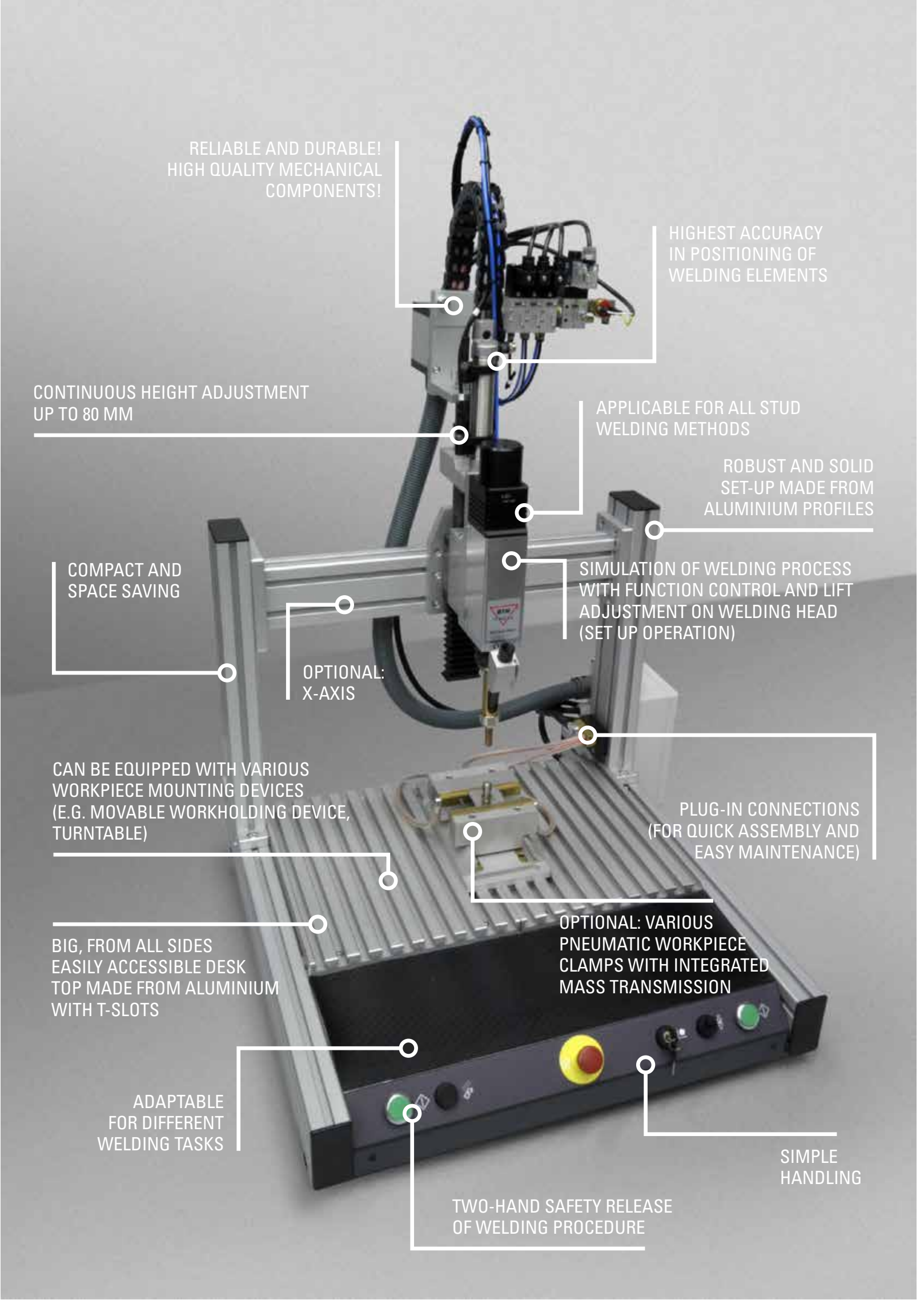
BIG, FROM ALL SIDES
EASILY ACCESSIBLE DESK
TOP MADE FROM ALUMINIUM
WITH T-SLOTS

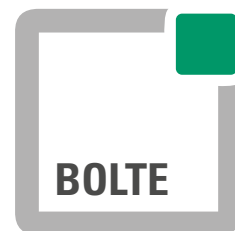
OPTIONAL: VARIOUS
PNEUMATIC WORKPIECE
CLAMPS WITH INTEGRATED
MASS TRANSMISSION

ADAPTABLE
FOR DIFFERENT
WELDING TASKS

TWO-HAND SAFETY RELEASE
OF WELDING PROCEDURE

SIMPLE
HANDLING





HIGHEST OPERATIONAL REPEATABILITY, HIGH WELDING QUALITY, HIGH RELIABILITY

The MAS-04 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 MAS-04 offers the perfect, precise and customized solution for a multitude of individual customer requirements.

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-04 is applicable for all stud welding methods. It can be operated with the entire range of our stud welding units and our automatic welding heads KHA-200F and KKA-200F. Stud feeding is carried out automatically (by the automatic stud feeder VBZ) or semi-automatically (by manual insertion).

Optionally, the MAS-04 can be equipped with a safety housing with light curtain or door.

TECHNICAL DATA AND CHARACTERISTICS

Tabletop stud welding machine MAS-04	
Welding range (Ø mm)	3-8 mm (other Ø on request)
Welding method	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)	580
Height (mm)	570
Length (mm)	660
Weight (kg)	34



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