



PC-C

Production Center CNC Controlled

Technical Data

Working range	X-/Y-axis 500 x 280 mm
T-slot work plate	700 x 375 mm
Welding range	M3 to M8, dia. 3 to 8 mm (dia. 10/12/12.7 mm only possible with modification)
Stud length	KAH 412: 8 to 40 mm (other dimensions on request); KAH 1: 8 to 30 mm (other dimensions on request)
Welding capacity	Up to 15 studs/min (depending on stud welding unit, stud type and positioning of stud)
Stud feeding	Automatic stud feeding by VBZ-3
Positioning (accuracy) of welded studs	± 0.2 mm
Working stroke of welding head	Z-max. = 125 mm, z-adjustable = 4 to 45 mm (bottom end stop)
Manual height adjustment	Z = 45 mm
Option welding head	KAH 412, alternative KAH 1
Max. number of stud welding heads	1
Connections	Electrical: 230 V, 16 A, 50 Hz Pneumatic: 6 bar min/10 bar max./inner hose dia. 6 mm
Dimension L x W x H	1,200 x 1,000 x 2,000 mm (without cover), 1,400 x 1,000 x 2,200 mm (with cover)
Weight	Approx. 170 kg
Order No.	92-60-5028D

General Information

Application

- All variations of stud welding

Options

- Different stud welding units
- Automatic stud feeder VBZ-3
- Work piece fixtures
- Machine protection cover
- Custom made handling systems
- Pneumatic clamp



Advantages

Features

- Advanced technology
- High quality product
- Cost savings
- Microprocessor controlled
- Controller for welding process
- Reliable
- Modular concept based on CAN-Bus-Technology

Structure

- CNC-controlled
- Fully automatic welding program
- Storage: change into 10 programs 25 positions each or 20 programs 17 positions each
- Micro processor controlled distance moving and program storage
- Anti wear protection on work plate
- Integrated zero-point-stop
- Display for error indications
- Roller-bearing guide
- Ball bearing spindles
- Ring initiator

Suitable stud welding units

- **CDM 1601 (AT), CDM 2401 (AT), CDM 3201 (AT), ARC 500*, ARC 800*, IT 1001*, SCD 3201**
* modification for ARC-gas-versions is needed

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(Technical data may change)