



PC-C

Production Center CNC Controlled

Technical Data	
Working range	X-/Y-axis 19.69" x 11.02" (500 x 280 mm)
T-slot work plate	27.56" x 14.76" (700 x 375 mm)
Welding range	#4 to 5/16", dia. #4 to 5/16" (M3 to M8, dia. 3 to 8 mm); dia. 3/8" to 1/2" (dia. 10 to 12.7 mm) only possible with modification
Stud length	KAH 412: 0.31" to 1.57" (8 to 40 mm) other dimensions on request; KAH 1: 0.31" to 1.18" (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	± 0.008" (± 0.2 mm)
Working stroke of welding head	Z-max. = 4.92" (125 mm), z-adjustable = 0.16" to 1.77" (4 to 45 mm) bottom end stop
Manual height adjustment	Z = 1.77" (45 mm)
Option welding head	KAH 412, alternative KAH 1
Max. number of stud welding heads	1
Connections	Electrical: 115 V, 16 A, 60 Hz Pneumatic: 6 bar min/10 bar max./inner hose dia. 1/4" (dia. 6 mm)
Dimension L x W x H	47.24" x 39.37" x 78.74" (1,200 x 1,000 x 2,000 mm) without cover, 55.12" x 39.37" x 86.61" (1,400 x 1,000 x 2,200 mm) with cover
Weight	Approx. 374.78 lbs (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

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(Technical data may change)