



PC-S

Production Center Standard Manual

Technical Data

T-slot work plate	19.69" x 14.76" (500 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
Stud feeding	Manual or automatic stud feeding (optional)
Positioning (accuracy) of welded studs	± 0.008" (± 0.2 mm)
Working stroke of stud welding head	Z-max. = 4.92" (125 mm), z-adjustable = 0.16" to 1.77" (4 to 45 mm) bottom end stop
Stud 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 B 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. 330.69 lbs (150 kg)
Order No.	90-70-5028D

General Information

Application

- All variations of stud welding
- With manual or automatic stud feeding (30% faster)

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

- Solid work table
- Positioning of workpieces
- Easy handling
- Short set up time
- Anti wear protection on work plate

Suitable stud welding units

- **CD 1501, CD 2301, CD 3101, 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)