

### CPW Series



- Entry-level CNC stud welding machine with 1 welding head
- High speed with highest positioning accuracy by robust machine base frame
- Working with different work piece heights on a working range of 600 x 420 x 120 mm

M3 to M8 (dia. 10/12/12,7 mm only possible with modification)  
 #4 to 5/16" (dia. 3/8" to 1/2" only possible with modification)



<b>Working range</b>	600 x 420 x 120 mm / 23.6" x 16.5" x 4.7"
<b>T-slot work plate</b>	800 x 490 mm / 31.5" x 19.3"
<b>Welding range</b>	M3 to M8, dia. 3 to 8 mm (dia. 10/12/12,7 mm only possible with modification) #4 to 5/16", dia. #4 to 5/16" (dia. 3/8" to 1/2" only possible with modification)
<b>Stud length</b>	8 to 40 mm / 0.31" to 1.57" (other lengths on request)
<b>Welding capacity</b>	Up to 30 studs/min (depending on configuration)
<b>Traverse speed</b>	25 m/min (X-Y), 20 m/min (Z) / 82"/min X-Y, 65,6"/min Z
<b>Stud feeding</b>	Automatic stud feeding (up to 3 different stud length per welding head)
<b>Positioning accuracy of welded stud</b>	± 0,2 mm / ± 0,008"
<b>Positioning and repeat accuracy</b>	± 0,05 mm / ± 0,002"
<b>Stud welding head</b>	KAH 412 KAH 412 LA (mechanical length compensation - gap)
<b>Max. number of stud welding heads</b>	1
<b>Connections</b>	Electrical: 400 V, 16 A, 50 Hz; Pneumatic: 6 bar min./ 10 bar max./ inner hose dia. 6 mm
<b>Motor-driven Z-axis</b>	Z = 0 to 120 mm / 0 to 4.7" (free programmable because of servo drive technology)
<b>Controller</b>	High performance PLC IEC 61131-3
<b>Display</b>	9" Touchscreen
<b>Keyboard</b>	Touch
<b>Dimension LxWxH</b>	1600 x 950 x 1900 mm / 63" x 37.4" x 74.8"
<b>Weight</b>	Approx. 640 kg / 1410,96 lbs

Order No.

According to project

