

### MPW Series



- High performance CNC stud welding machine (with up to 4 welding heads)
- Highest speed possible with high positioning accuracy through rugged design
- Very short set-up time (a.e. automatic calibration of Z-axes)
- Network connection

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>	1250 x 1050 mm / 49.21" x 41.34" (MPW 1010); 1250 x 2250 mm / 49.21" x 88.58" (MPW 2010); (maximum working range for up to 3 welding heads)
<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>	Up to 48 m/min / 157.48'/min
<b>Stud feeding</b>	Automatic stud feeding (up to 3 different stud lengths per welding head)
<b>Positioning accuracy of welded stud</b>	± 0,2 mm / ± 0,008" (depending on work piece and stud geometry)
<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>	4 (up to 3 stud lengths per welding head possible)
<b>Connections</b>	Electrical: 400 V, 32 A, 50 Hz Pneumatic: 6 bar min. / 10 bar max. / inner hose dia. 6 mm / 1/4"
<b>Motor-driven Z-axis</b>	Z = 0 to 200 mm / 0 to 7.87" (free programmable because of servo drive technology)
<b>Dimension LxWxH</b>	2400 x 2700 x 3100 mm / 94.49" x 106.30" x 122.05" (MPW 1010); 3600 x 2700 x 3100 mm / 141.73" x 106.30" x 122.05" (MPW 2010)

#### Order No.

According to project

