

Stud Welding Equipment - Automatic Components

KAH 412 AUTOMATIC STUD WELDING HEAD WITH DIGITAL DISPLAY

KAH 412

Automatic Stud Welding Head with Digital Display for CD or Arc stud welding with automatic stud feeding according to current standards

Technical Data	
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) with modification only
Stud length	0.31" to 1.57" (8 to 40 mm) other lengths on request
Stud material	Mild steel, Stainless steel, Aluminum, Brass
Stroke	Adjustment range 0.20" (5 mm), arresting
Spring pressure	Arresting
IP-Code	IP 20
Workplace noise level	> 90 dB (A) may occur during welding
Dimension L x W x H	14.76" x 2.60" x 5.71" (375 x 66 x 145 mm) with chuck and quick change system
Weight	7.50 lbs (3.4 kg)
Order No	94-31-412C
General Information	
Application	<ul style="list-style-type: none"> Especially suitable for thin sheets (at least 0.5 mm)
Process variants	<ul style="list-style-type: none"> Contact welding (optional) Gap welding Short cycle drawn arc welding Drawn arc welding (optional)
Advantages	
Structure	<ul style="list-style-type: none"> Rigid casing made of metal Torsion-resistant aluminum-casing to accommodate all function elements and accessories Zero-play ball linear bearing for guiding the welding piston, to ensure maximum precision and reproducibility for welds Sealed welding piston guidance Compact dimensions Integrated lift and spring-loaded adjustment Stud length is freely adjustable (up to 40 mm; other lengths available on request) Digital display (1/100 mm) for the position of the welding piston using integrated measuring system Direct reading for the adjusted plunge and lift dimension Infinitely adjustable spring-loaded adjustment can be read off the scale directly Prisma clamping system for fast exchange of the complete stud welding head Push button detent system to facilitate changing the feeding tube

