

# Stud Welding Equipment - Arc

## ARC 800 STUD WELDING UNIT



### ARC 800

Stud Welding Unit  
for Arc stud welding  
according to current standards

Technical Data	
Gas/Automation	Series/Option
Welding range	#4 to 1/2", dia. 14 ga to 3/8" (M3 to MR12, dia. 2 to 10 mm)
Welding material	Mild steel, stainless steel
Welding rate	7 to 17 studs/min (depending on application and stud dia.)
Welding current	800 A
Welding time	5 to 1,000 msec
Primary power	230/460 V 3 phases, 50/60 Hz, 50/35 AT or 575 V, 3 phases, 50/60 Hz, 25 AT (alternative input voltages available)
Power source	Transformer/Rectifier
Cooling type	F (temperature controlled cooling fan)
IP-code	IP 23
Dimension L x W x H	18.50" x 9.06" x 8.66" (470 x 230 x 220 mm) without handle
Weight	81.57 lbs (37 kg)
Order No	93-16-0702A (Gas) 93-15-0702A (Gas) 93-16-0704A (Gas/Automation) 93-15-0704A (Gas/Automation)
General Information	
Application	<ul style="list-style-type: none"> <li>Especially suitable for thicker sheets of about 2 mm or higher</li> </ul>
Process variants	<ul style="list-style-type: none"> <li>Short cycle drawn arc welding</li> <li>Drawn arc welding</li> </ul>
Equipment	<ul style="list-style-type: none"> <li>Welding with ceramic ferrule (series)</li> <li>Welding with shielding gas (series)</li> <li>Automatic (optional)</li> </ul>



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