



## **ARC STUD WELDER ARC 800**



### **APPLICATION**

Especially suitable for thicker sheets of about 2 mm or higher

### **FEATURES**

- Drawn arc with ceramic ferrule (ARC)
- Drawn arc with shielding gas (ARC)
- Short-cycle (SC)
- Modern technology with extremely wide welding range
- For welding with ceramic ferrules or with inert gas
- Operating by membrane keyboard and display panel
- Digital display of welding time in msec.
- Inert gas module standard
- Option automatic mode
- Thermally controlled fan
- Guided cooling air flow to the transformer to protect electronic components from being polluted
- Emergency circuit to cut off the complete unit in case of defective power circuit
- Integrated mains filter protects uniform voltage peaks and spikes
- Galvanic separation of control and welding cables provide reliable operation
- Sturdy metal housings; small dimensions and low weight
- Depending on mains fuse, configuration also for 16 amps primary power supply possible

[www.sunbeltstudwelding.com](http://www.sunbeltstudwelding.com)

**Sunbelt Stud Welding, Inc**  
**6381 Windfern Road**  
**Houston, Texas 77040-4915**



**14-7**

**1-800-462-9353**  
**713-939-8903**  
**fax 713-939-9013**



# ARC STUD WELDER ARC 800

SPECIFICATIONS	
<b>Welding Range:</b> M3 to M12 (type RD), dia. 2 to 10 mm #4 to 1/2" (type RD), dia. 14 ga to 3/8"	<b>Dimensions L x W x H (without handle):</b> 470 x 230 x 220 mm 18.50" x 9.06" x 8.66"
<b>Welding Material:</b> Mild steel, Stainless steel	<b>Primary Power:</b> 400 V, 3 phases, 50/60 Hz, 35 AT (slow blow)
<b>Weld Rate:</b> 7 to 17 studs/min (depending on application and stud dia.)	<b>Primary Plug:</b> 32 A (at 400 V mains)
<b>Welding Current:</b> 800 A	<b>Connected Load:</b> I <sub>1max</sub> = 31 A
<b>Weight:</b> 40 kg / 88.185 lbs	<b>Cooling Type:</b> F (temperature controlled cooling fan)
<b>Welding Time:</b> 5 to 1 000 ms (stepless)	<b>IP Code:</b> IP 23
<b>Order Number:</b> 93-10-0702A (400 V) 93-16-0702A (230/460 V) 93-15-0702A (575 V)	

STUD WELDING GUNS
CA 08 with gas shroud PSS-1/SC
A 12 with ceramic leg assembly PSC-1
A 12 with gas shroud PSS-1/SC
A 12 with shielding gas leg assembly PSS-2
A 12-FL
A 16

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