



### ARC 800



- Robust transformer for workshops and construction sites (IP 23)
- Automation (optional)

M3 - M12 (type RD)  
#4 - 1/2" (type RD)



|                                  |                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Welding process                  | ARC, SC                                                                                                                                                             |
| Welding material                 |   |
| Technology                       | Transformer                                                                                                                                                         |
| Equipment                        |                                                                                                                                                                     |
| Welding with ceramic ferrule     | X                                                                                                                                                                   |
| Welding with shielding gas       | X                                                                                                                                                                   |
| Automation                       | X (optional)                                                                                                                                                        |
| Display                          | Digital                                                                                                                                                             |
| Welding range                    | M3 to M12 (type RD), dia. 2 to 10 mm /<br>#4 to 1/2" (type RD), dia. 14 ga to 3/8"                                                                                  |
| Welding rate                     | 7 to 17 studs/min (depending on application and stud dia.)                                                                                                          |
| Welding current                  | 800 A                                                                                                                                                               |
| Current adjustment range         | --                                                                                                                                                                  |
| Welding time                     | 5 to 1000 ms (stepless)                                                                                                                                             |
| Primary power                    | 400 V*, 3 phases, 50/60 Hz, 35 AT (slow blow)<br>*alternative primary power see „Order No.“                                                                         |
| Primary plug                     | 32 A (at 400 V mains)                                                                                                                                               |
| Connected load                   | I <sub>max</sub> = 31 A                                                                                                                                             |
| Cooling type                     | F (temperature controlled cooling fan)                                                                                                                              |
| IP Code                          | IP 23                                                                                                                                                               |
| Dimension LxWxH (without handle) | 470 x 230 x 220 mm / 18.50" x 9.06" x 8.66"                                                                                                                         |
| Weight                           | 40 kg / 88.185 lbs                                                                                                                                                  |
| Suitable guns                    | A 12, A 12-FL, A 16, CA 08                                                                                                                                          |



#### Order No.

93-10-0702A (400 V)  
93-16-0702A (230/460 V)  
93-15-0702A (575 V)

93-40-020 (Ground cable,  
5 m, 25 mm<sup>2</sup>, 2 vice grips 10")

#### Legend

Welding process: ARC = Drawn arc stud welding, SC = Short cycle stud welding



Mild steel



Stainless steel