

### CA 08

### A 12

### A 12

### A 12-FL



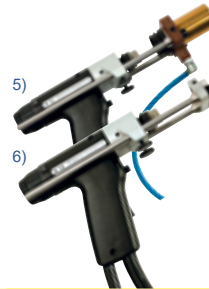
- Entry-level version used for SC welding without length compensation

M3 to M8 (M10)  
#4 to 5/16" (7/16")



- Small gun with easy set-up for SC welding
- Length compensation (stable welding results)

M3 to M8 (M10)  
#4 to 5/16" (7/16")













- Compact gun with easy set-up
- Length compensation (stable welding results)

M3 to M12  
#4 to 1/2"



- Simple set-up of the gun without length compensation

Dia. 3 to 12 mm  
#4 to 1/2"

|  |  |  |   |   |
|--|--|--|---|---|
| <b>Suitable stud welding unit</b>      | ARC 800, Visar 650, IT 1002  | ARC 800, Visar 650, IT 1002, IT 2002, IT 90  | ARC 800, Visar 650, IT 1002, IT 2002, IT 90   | ARC 800, Visar 650, IT 1002, IT 2002, IT 90   |
| <b>Welding process</b>                 | SC   | SC   | ARC (ceramic, gas), SC  | ARC (ceramic, gas)  |
| <b>Stud material</b>                   |    |    |    |                           |
| <b>Welding range</b>                   | M3 to M8 (M10 with special equipment), dia. 2 to 8 mm / #4 to 5/16" (7/16" with special equipment), dia. 14 ga to 5/16"  | M3 to M8 (M10 with special equipment), dia. 2 to 8 mm / #4 to 5/16" (7/16" with special equipment), dia. 14 ga to 5/16"  | M3 to M12 / dia. 2 to 12 mm / #4 to 1/2", dia. 14 ga to 1/2"  | M3 to M12 / dia. 2 to 12 mm / #4 to 1/2", dia. 14 ga to 1/2"<br>ARC ISO pins dia. 3 to 6 mm / dia. #4 to 1/4" |
| <b>Stud length</b>                     | 6 to 40 mm / 0.24" to 1.57", (longer studs with optional accessories)  | 6 to 40 mm / 0.24" to 1.57", (longer studs with optional accessories)  | 10 to 400 mm / 0.39" to 15.74" (depending on leg assembly)  | 10 to 400 mm / 0.39" to 15.74" (depending on leg assembly)  |
| <b>Stud type</b>                       | Any type or shape (special chucks if required)   | Any type or shape (special chucks if required)   | Any type or shape (special chucks if required)  | ARC insulation pin, ARC fiberfix pin, ARC threaded stud, ARC pin  |
| <b>Length compensation</b>             | --   | 3 mm / 0.12" automatic   | 3 mm / 0.12" automatic  | --  |
| <b>Lift</b>                            | Adjustment range 4.5 mm / 0.18", lockable  | Adjustment range 3 mm / 0.12", lockable  | Adjustment range 3 mm / 0.12", lockable   | Fixed 6 mm / 0.24"  |
| <b>Spring force</b>                    | Adjustable, arresting  | Adjustable, arresting  | Adjustable, arresting   | Fixed   |
| <b>Welding cable</b>                   | 3 m / 9.84'; 25 mm <sup>2</sup> , SK 50  | 4.8 m / 15.75'; 35 mm <sup>2</sup> , SK 50   | 4.8 m / 15.75'; 35 mm <sup>2</sup> , SK 50  | 5 or 10 m / 16.40' or 32.81'; 35 mm <sup>2</sup> , SK 50  |
| <b>IP Code</b>                         | IP 20  | IP 20  | IP 20   | IP 20   |
| <b>Workplace noise level</b>           | Up to 90 dB (A) may occur during welding   | Up to 90 dB (A) may occur during welding   | Up to 90 dB (A) may occur during welding  | Up to 90 dB (A) may occur during welding  |
| <b>Dimension LxWxH (without cable)</b> | 190 x 40 x 140 mm / 7.48" x 1.57" x 5.51"  | 190 x 40 x 140 mm / 7.48" x 1.57" x 5.51"  | 200 x 65 x 140 mm / 7.87" x 2.56" x 5.51"   | 200 x 65 x 140 mm / 7.87" x 2.56" x 5.51"   |
| <b>Weight (without cable)</b>          | 0.7 kg / 1.54 lbs  | 0.8 kg / 1.76 lbs  | 0.8 kg / 1.76 lbs   | 0.8 kg / 1.76 lbs   |



#### Order No.

- <sup>1)</sup> 92-20-281 (PPR-2/SC)  
<sup>2)</sup> 92-20-283 (PSS-1/SC)

92-40-018 (Accessories CD M3 to M8)

#### Order No.

- <sup>3)</sup> 93-20-276 (PPR-2/SC)  
<sup>4)</sup> 93-20-277 (PSS-1/SC)

92-40-018 (Accessories CD M3 to M8)

#### Order No.

- <sup>5)</sup> 93-20-274 (Gas)  
<sup>6)</sup> 93-20-275 (Keramik)

93-40-114 (Accessories for shielding gas; M6 to M12)  
93-41-012 (Accessories for ceramic; M6 to M12)

#### Order No.

- <sup>7)</sup> 93-20-260 (excluding leg assembly, 5 m cable length)

93-40-022 (leg assembly ceramic)  
93-40-021 (leg assembly shielding gas)

<sup>8)</sup> 93-20-26010 (excluding leg assembly, 10 m cable length)  
93-40-066 (leg assembly PSI-3, from l = 75 mm up to l = 280 mm)

#### Legend

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

 Mild steel  Stainless steel  Aluminium \*) \*) only with shielding gas