

Studwelder drawn arc

AS2118

- robust welding current control
- proven transformer rectifier technology
- Current stepples adjustable

Features:

- ✓ proven performance components
- ✓ extra robust sheet metal housing 1,5mm for the construction site
- ✓ Program library for welding tasks
(Selection via diameter, material, welding process)
- ✓ User Program memory locations for storage
Frequent welding jobs
- ✓ Intuitive weld data menu
- ✓ Soft-touch operation, glove-compatible,
no danger from torn knobs
- ✓ resettable day counter

optional extensions:

- ✓ Protective gas controls
- ✓ CNC interface (welding programs are loaded from CNC)
- ✓ Automatic interface (direct connection of stud feeding equipment, automatic pistol feeder)
- ✓ Welding parameter monitoring (reference value comparison, current, time, storage on SD card)



Technische Daten:

procedure:
depending on equipment

drawn arc ignition: ceramic ring, short cycle,
shielding gas

Welding current

800- 1800 A stepples

Welding time

5-1500 ms

Welding range

2mm-M19 Bolt diameter

primary supply

400V +-10% 50/60Hz, CEE32 plug

fusing

63A slow

fault diagnosis

phase failure, excess temperature, magnet fail, control cable

cooling

temperature controlled cooling, cooling type F

dimensions

700x420x570 mm

weight

137kg



AS 2702

Welding guns

AS 2901 → Ceramic ring process without automatic length compensation

Ø2-12 mm

AS 2903 → Ceramic ring process with automatic length compensation

Ø2-12 mm

AS 2902 → Short-term procedure

Ø2-8 mm

AS 2702 → Ceramic ring process with automatic length compensation
and optional damping

Ø3-19 mm



www.bolzenschweissen.de

Made in Germany



AS Schweißtechnik GmbH Witten - Germany

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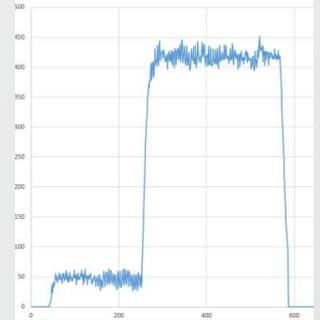
Drawn Arc - Features

- Weld data monitoring
- multiple accessories
- save in process

Welding parameter monitoring

Detect fluctuations in the welding process by process by monitoring the most important parameters, and reduce the risk of undetected faulty welds.

Voltage, current and optionally the path are logged for each weld, compared with the permissible reference and the result stored. The results can be exported to **SD card** and evaluated e.g. with Excel as a graph



Library

Menu-driven, you can select all necessary standard parameters for your welding task by material, process, diameter, etc. select. Depending on the device you get values for lift, current, time

Test cycle

You can set the lift without welding current. This the function of the gun mechanics can be set up save without danger

Weld guns



	AS 2901	AS 2902	AS 2702
Range: ceramic ferrule welding	M6-M12	-	M6-19
Range: shielding gas	M6-M10	M2-M8	M6-M12
Range: short cycle	2-M8	M2-M8	2-M12
insulation pins	✓	-	✓
shield gas control	optional	optional	optional
position transducer	-	-	optional
damper for studs >=16mm	-	-	optional
automatic length correction	-	-	✓

* für Stahl