Plasma welding in perfection

- High reproducibility, through the digital control of all parameters
- Versatile: Micro plastics welding, plasma soft arc welding, plasma keyhole welding, (plasma powder coat welding)
- The use of coded burners prevents malfunctions, as well as their overload (damage)
- Standard built-in mass flow controllers allow a stable gas flow
- Large selection of plasma torches available

Type		F 300 P
Main voltage (± 10 %)		3 x 400 V / 50–60 Hz
Actual power output max		14,5 kVA
Welding current		0,5–300 A
Welding voltage		10–37 V
Welding current / Duty cycle	100 %	300 A (10 min / 40°C)
Safety class / Cooling system		IP 23 / F
Switching steps		infinitely
Dimensions L x B x H		710 x 395 x 835 mm
Weight		95 kg

Standard equipment
Plasma gas/protective gas; Gaspreflow/postflow; upslope; downslope; Crater filler; Spot welding; Memory for 100 jobs; Arc start method high frequency, pulse welding, cold wire, data recording

Cooling unit
External heat exchanger

Art. No.	Description
0004-04-0043	WB-F300P Plasma welding power source
	Cooling unit, on request
0043-04-0002	Special coolant (10 l)
PTW-1001	Plasma welding torch PTW-1001
0050-04-0011	Earth cable, 70 mm², 5 m, 600 A, with clamp and DIX plug
0070-05-0002	CEE plug 5-pin, 32 A
SELB-000001	Pre-assembly

Precise gas flow

OTC's built-in electronic gas regulators ensure an improvement of the plasma arc stability and allow a gas-slope to close the keyhole.

Digital gas counter

Cold wire feeder system TPN02