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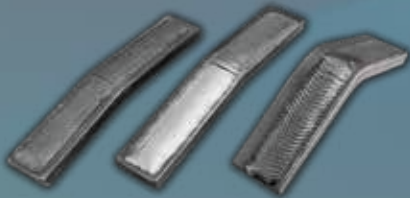
Engineering

Welding

Cutting

HARDFACING

PSI 400



Plasma Welding Inverter for PTA Welding

with 400 A and one or two flux feeders
Intuitive operation via graphic interface



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PSI 400



Plasma welding inverter PSI 400

Article no.:	.11.150.2002
Process:	PTA welding
Application:	<ul style="list-style-type: none"> • Automatic welding in combination with various guiding systems • Manual welding
Standard equipment:	Power source PSI 400 Torch connecting unit Flux feeder Touch panel External cooler Plasma welding torch Mains cable

Features

- Equipment for PTA welding with one or two flux feeders
- Pulsed mode up to 50 Hz
- Interval welding option
- Parameter entry via graphic interface on user panel RCT 01 with touch screen
- Program data backup by USB stick at touch panel possible
- Three operating levels from simple to complex:
 1. Entry of parameters pilot arc, main arc, gas and flux quantity
 2. Configuration of workflow (welding regime, gas and flux quantities, parameters for pulsed mode)
 3. Expert level with free programming of all parameters for maximum process control
- Live monitor with measured value display
- Job administration and job memory
- Electronic calibration of flux and gases as well as storage in the database
- Gas control by MFCs (mass flow controller)



Parameter entry via user panel

Options

- Torch selection
- Second flux feeder
- Remote control RC 01



Interfaces

- Analog/Digital
 - Modbus/TCP*
 - EtherCAT*
- *on request

Standards

EN 60974-1 (VDE 0544)
BGV D1 (VBG 15, UVV 26.0)



Kjellberg is certified acc. to
DIN EN ISO 9001

Technical Data	PSI 400
Mains voltage	3 x 400 V (± 10 %), 50 Hz
Connected load at 100 % duty cycle	21 kVA
Fuse, slow	32 A
Current	
• Pilot arc	4 - 160 A
• Pilot arc 100 % duty cycle	135 A 15.4 V
• Main arc	4 - 400 A
• Main arc 100 % duty cycle	400 A 41 V
Open circuit voltage, max. from the pilot/main arc	75/60 V
Protection class	IP 21
Flow rate plasma gas/shielding gas/flux feeding gas	0.3 - 15 l/min
Mass	189 kg
Dimensions L x W x H	985 x 570 x 1,185 mm

www.kjellberg.de

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