DATA SHEET

Tetrix XQ 500 puls DC W EX 8P

090-005672-00004



- Energy-saving thanks to high efficiency and standby function
- TIG DC inverter welding machine of the latest generation
- Expert 3.0 control with 7" high-resolution graphic display (no touchscreen) with plain text display for selecting all parameters and control customisation
- **Welding procedures and functions**
  - TIG DC and TIG pulse
  - activArc® and spotArc®
  - MMA, MMA pulse, MMA cel, MMA cel pulse
  - To find out more about our high-tech TIG arcs, please click on TIG-Process
- **Your benefits**
  - Connection capability for remote control and function torch
  - flexFit casing system: Many accessory parts and options can be fixed to the welding machine using conventional slot nuts
  - LED information bar: Indicates the current operating status
  - Splash-proof as per IP23
  - Temperature- and speed-controlled cooling fan – reduced contamination and less noise emissions as fan only runs when needed
  - Simple, tool-free reversal of the welding polarity
  - Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
  - Earth fault monitoring (PE protection)
  - PC interface for PC300 XQ software
  - The high 1500 W cooling capacity, high-performance centrifugal pump and 8-litre coolant tank make for excellent torch cooling, resulting in cost savings on consumables

Version	Tetrix XQ 500 puls DC W Expert 3.0 8P R1 5m
Setting range for welding current	3 A - 500 A
Duty cycle 40 °C	500 A / 80 %
	470 A / 100 %
Open circuit voltage	82 V
Mains voltage (ex works)	3 x 380 V - 400 V
Mains voltage (possible)	3 x 440 V - 460 V
Mains voltage (possible)	3 x 480 V - 500 V
Mains tolerances (ex works)	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	25.5 kVA
Efficiency	90 %
Power consumption Pi	27 W
Cooling capacity at 1 l/min.	1500 W
Pump pressure	3.5 bar
Tank capacity	8 l
Protection classification	IP23
Test mark	CE UKCA EAC S
EMC class	A
Dimensions (L x B x H)	1152 mm x 686 mm x 976 mm
	45.4 inch x 27 inch x 38.4 inch
Weight	128.5 kg / 283.3 lbs
Standards	IEC 60974-1, -2, -3 and -10 CL.A

Configurations

Item no.	Designation
090-005672-00000	Tetrix XQ 500 puls DC. TIG DC pulse welding machine including all characteristics and functions, demodular
092-003303-00000	OW F06W. Water cooling
092-003316-00000	OW F06R1. Wheel kit with single cylinder mount

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Item no.	Designation
092-003349-00000	OW MCord 6 mm² 5m. Mains connection lead, 5 m
092-004338-00000	OW Expert 3.0. Expert 3.0 control
092-004345-00000	OW 8POL. Welding torch control cable connection: Burndy, 8-pole
092-004376-00000	OW NDGC F.06. No gas control
092-004377-00000	OW N+1/7Pol BUS (F.06). No second 7-pole bus plug

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