


DATA SHEET

Tetrix XQ 500 puls AC/DC W EX 5P

090-005676-00002



- Energy-saving thanks to high efficiency and standby function
- TIG AC/DC inverter welding machine of the latest generation
- TIG AC/DC, TIG DC and TIG pulse
- activArc[®] and spotArc[®]
- MMA, MMA pulse, MMA cel, MMA cel pulse
- Expert 3.0 control with 7" high-resolution graphic display (no touchscreen) with plain text display for selecting all parameters and control customisation
- Temperature- and speed-controlled cooling fan – reduced contamination and less noise emissions as fan only runs when needed
- Connection capability for remote control and function torch
- Simple, tool-free reversal of the welding polarity
- Earth fault monitoring (PE protection)
- Splash-proof as per IP23
- 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
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- 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 AC/DC W Expert 3.0 5P R1 5m
Setting range for welding current	3 A - 500 A
Duty cycle 40 °C	500 A / 40 % 400 A / 80 % 370 A / 100 %
Open circuit voltage	82 V
Mains voltage	3 x 400 V
Tolerances	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	26.6 kVA
Cooling capacity at 1 l/min.	1500 W
Pump pressure	3.5 bar
Tank capacity	8 l
Protection classification	IP23
Test mark	
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	129.5 kg / 285.5 lbs
Standards	IEC 60974-1, -2, -3 and -10 CL.A

Configurations

Item no.	Designation
090-005676-00000	Tetrix XQ 500 puls AC/DC. TIG AC/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
092-003349-00000	OW MCord 6 mm ² 5m. Mains connection lead, 5 m
092-004338-00000	OW Expert 3.0. Expert 3.0 control
092-004344-00000	OW 5POL. Welding torch control cable connection: Tuchel, 5-pole, compatible with EWM X technology
092-004347-00000	OW 380-400V. Mains voltage 380-400 V !-cannot be modified retrospectively-!
092-004376-00000	OW NDGC F.06. No gas control

Item no.	Designation
092-004377-00000	OW N+1/7Pol BUS (F.06). No second 7-pole bus plug