

DATA SHEET

Tetrix XQ 500 puls DC W COMF3 5P

090-005672-00001



- Energy-saving thanks to high efficiency and standby function
- TIG DC inverter welding machine of the latest generation
- TIG DC and TIG pulse
- activArc® and spotArc®
- MMA, MMA pulse, MMA cel, MMA cel pulse
- Tried-and-tested Comfort 3.0 control with two easy-to-read 7-segment displays for simple and fast selection of the most important parameters
- 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

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|-----------------------------------|--|
| Version | Tetrix XQ 500 puls DC W COMF3 5P |
| 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 | 3 x 400 V |
| Tolerances | -25 % up to +20 % |
| Mains frequency | 50 Hz / 60 Hz |
| Recommended generator power | 26.2 kVA |
| Cooling capacity at 1 l/min. | 1500 W |
| Pump pressure | 3.5 bar |
| Tank capacity | 8 l |
| Protection classification | IP23 |
| Test mark | CE EAC UK CA 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 |
| 092-003349-00000 | OW MCord 6 mm ² 5m. Mains connection lead, 5 m |
| 092-004340-00000 | OW Comfort 3.0 DC. Comfort 3.0 DC control |
| 092-004344-00000 | OW 5POL. Welding torch control cable connection: Tuchel, 5-pole, compatible with EWM X technology |
| 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 |