

# Titan XQ 500 puls DW EX Wifi

090-005562-00024



WE ARE WELDING

XQ - Process


all in



- No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works
- MIG/MAG inverter welding machine, pulse, with separate wire feeder
- Perfect MIG/MAG weld seams, even with long welding leads thanks to patented\* Rapid Current Control technology (RCC)
- 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
- All-in – no extra charge:
- With innovative EWM Synergic characteristics rootArc® XQ/rootArc® puls XQ, coldArc® XQ/coldArc® puls XQ, forceArc® XQ/forceArc® puls XQ, wiredArc XQ/wiredArc puls XQ, pulse/superPuls and Positionweld
- With Synergic characteristics for GMAW standard or pulsed welding for steel/CrNi/aluminium
- Non Synergic operation for manual setting of welding parameters
- Suitable for MMA welding, TIG welding and gouging
- Equipment as delivered: Welding machine with Expert XQ 2.0 control and LAN/Wi-Fi gateway, including wheel kit with single cylinder bracket, water cooling, 5 m mains connection lead and 8-pole interface for bar code scanners
- Ready for ewm Xnet
- EX-XQ 2.0 control:
- Extensive range of control and settings options
- Plain text display for welding parameters and functions
- Quick change between innovative welding processes (without JOB switching)
- WPQR welding data assistant
- Calculation of T8/5 cooling time
- Welding data monitoring
- JOB favourites list
- USB interface
- Xbutton
- 16 pre-installed languages\*
- USB connection and access authorisation using Xbutton
- individually configurable programmes for each welding task (JOB)
- Adjustable start and end-crater functions
- Infinitely adjustable arc dynamics (choke effect)
- High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
- Energy-saving thanks to high efficiency and standby function
- Connection capability for remote control and function torch
- Easy, tool-free change of welding polarity
- Earth fault monitoring (PE protection)
- IP23 spray water protected
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- PC interface for PC300 XQ software
- Free WPQR package for certification up to and including EXC2 in accordance with EN 1090 and for welding of unalloyed steels up to and including S355

|                                   |                   |
|-----------------------------------|-------------------|
| Setting range for welding current | 5 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 % |

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|                              |   |
|------------------------------|---|
| Mains frequency              | 50 Hz / 60 Hz   |
| Recommended generator power  | 34 kVA  |
| Wire feed speed              | 0.5 m/min - 25 m/min<br>19.685 ipm - 984.253 ipm                                    |
| Cooling capacity at 1 l/min. | 1.5 kW  |
| Pump pressure                | 3.5 bar   |
| Tank capacity                | 8 l   |
| Protection classification    | IP23  |
| Safety marking               |  |
| EMC class                    | A   |
| Standards                    | IEC 60974-1, -2 and -10 CL.A  |