

# Titan XQ 500 puls DW EX LAN

090-005562-00018



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 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 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