

DATA SHEET

Phoenix XQ 400 puls DW

090-005644-00001



- MIG/MAG inverter welding machine, pulse, with separate wire feeder
- Perfect MIG/MAG weld seams even with long welding leads
- Synergic control with one-knob operation



No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works

- With innovative EWM Synergic characteristics rootArc[®] XQ/rootArc[®] puls XQ, forceArc[®] XQ/forceArc[®] puls XQ, pulse/superPuls and Positionweld for aluminium
- 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
- Individually configurable programmes for each welding task (JOB)
- Adjustable start and end-crater functions
- Infinitely adjustable arc dynamics (choke effect)
- **Your benefits**
- 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
- Drive XQ / Drive XQ IC 200 with high-precision, powerful EWM eFeed 4-roll drive to reliably feed all solid and flux cored wires
- Energy-saving thanks to high efficiency and standby function
- Best suited for use with long hose packages
- Connection capability for remote control and function torch
- Easy, tool-free change of welding polarity
- Insulated wire space
- IP23 spray water protected
- Optional network connectivity with the ewm Xnet software via an integrated or external 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
- 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

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|-----------------------------------|--|
| Version | Phoenix XQ 400 puls D W R1 5m |
| Setting range for welding current | 5 A - 400 A |
| Duty cycle 40 °C | 400 A / 80 % 370 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 | 23.2 kVA |
| Power consumption Pi | 24 W |
| Wire feed speed | 0.5 m/min - 25 m/min 19.685 ipm - 984.253 ipm |
| Cooling capacity at 1 l/min. | 1500 W |
| Pump pressure | 3.5 bar |
| Tank capacity | 8 l |
| Protection classification | IP23 |
| Test mark | CE UK EAC S |
| EMC class | A |
| Dimensions (L x B x H) | 1150 mm x 678 mm x 972 mm 45.3 inch x 26.7 inch x 38.3 inch |
| Weight | 125.5 kg / 276.7 lbs |
| Standards | IEC 60974-1, -2 and -10 CL.A |

Configurations

| Item no. | Designation |
|------------------|--|
| 090-005644-00000 | Phoenix XQ 400 puls D. Multiprocess MIG/MAG pulse welding machine including all characteristics and welding processes, |
| 092-003303-00000 | OW F06W. Water cooling |
| 092-003306-00000 | OW Cover. No control |
| 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 |