

# 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<sup>®</sup> XQ/rootArc<sup>®</sup> puls XQ, forceArc<sup>®</sup> XQ/forceArc<sup>®</sup> puls XQ, pulse/superPuls and Positionweld for aluminium
  - To find out more about our high-tech MIG/MAG arcs, please click on XQ-Process 
  - Synergic characteristics for MIG/MAG standard or pulsed welding for steel/CrNi/aluminium
  - Synergic characteristics for flux-cored wires
  - Non Synergic operation for manual setting of welding parameters
  - Also suitable for MMA welding, TIG welding and gouging
  - Individually configurable programs for JOBs (welding tasks)
  - 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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## Phoenix XQ 400 puls DW

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
Efficiency	90 %
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 <sup>2</sup> 5m. Mains connection lead, 5 m