

# DATA SHEET

## Phoenix XQ 350 puls DW

090-005643-00001



- 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

Version	Phoenix XQ 350 puls D W R1 5m
Setting range for welding current	5 A - 350 A
Duty cycle 40 °C	350 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	18.8 kVA
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
090-005643-00000	Phoenix XQ 350 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