

# Phoenix XQ 350 puls DW R1

090-005643-00001

XQ - Process


all in



- MIG/MAG inverter welding machine, pulse, with separate wire feeder
- Perfect MIG/MAG weld seams even with long welding leads
- 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
- With Synergic characteristics for GMAW standard or pulsed welding for steel/CrNi/aluminium
- Suitable for MMA welding, TIG welding and gouging
- 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
- Non Synergic operation for manual setting of welding parameters
- Individually configurable programmes for each welding task (JOB)
- Drive XQ with high-precision, powerful EWM eFeed 4-roll drive to reliably feed all solid and flux cored wires
- Equipment as supplied: Welding machine, including wheel kit with single cylinder bracket, water cooling and 5 m mains connection lead
- Synergic control with one-knob operation
- Adjustable start and end-crater functions
- Infinitely adjustable arc dynamics (choke effect)
- 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 the ewm Xnet software via an integrated or external gateway
- PC interface for PC300 XQ software
- The 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

Setting range for welding current	5 A - 350 A
Duty cycle 40 °C	350 A / 100 %
Open circuit voltage	82 V
Mains voltage	-25 %
	-25 %
	-25 %
Mains frequency	50 Hz / 60 Hz
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.	1000 W
Pump pressure	3.5 bar
Tank capacity	8 l

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Protection classification	IP23
Safety marking	
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
Standards	IEC 60974-1, -2 and -10 CL.A