



Phoenix XQ 400 Puls DW R1 VRD



The EWM Phoenix XQ 400 Puls is a modular inverter welding machine that offers MIG/MAG (standard and puls) with MMA, TIG and arc air gouging capabilities. This welder is ideal for medium to heavy duty applications that require higher output and productivity. To save time, this machine comes pre-programmed with perfect weld seams for high-alloy and low-alloy steels and aluminium in all material thicknesses and all positions. EWM patented processes (including Positionweld for aluminium) are also included for even better welding results.

- 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/stainless steel/aluminium.
- No need to purchase additional arc characteristics for different materials and positions – all characteristics for this machine type are included in the scope of delivery ex works.
- Non Synergic operation for manual setting of welding parameters is available.
- Drive XQ with high-precision, powerful EWM eFeed 4-roll drive to reliably feed all solid and flux cored wires.

The inbuilt VRD (voltage reduction device) is fully Australian Standards compliant to AS 1674-2 Category C Environment. This machine is backed by a three-year conditional warranty. EWM XQ series machines are Xnet ready for Welding 4.0. All you need is your gateway licence and software.



rootArc® XQ
rootArcPuls® XQ



forceArc® XQ
forceArcPuls® XQ



superPuls®



Positionweld
for aluminium

Specifications

Part No.	091-005644-00001		
	MIG/MAG	TIG	MMA
Setting range for welding current	5-400 A	5-400 A	5-400 A
Duty cycle at ambient temperature	100% 40°C	80% 370 A	400 A
No-load voltage (open circuit voltage)	82 V		
Mains frequency	50/60 Hz		
Mains voltage (tolerances)	3 × 380-400 V -25 % to +20 % / 3 x 25 A		
Recommended generator power	25 kVA		
Efficiency	90%		
Drive rolls	4 (37mm)		
Wire speed	0.5-25 m/min		
Wire feeder dimensions	660 x 280 x 380 mm		
Power source dimensions (L×W×H)	1150 × 678 × 972 mm		
Weight, machine	125.5 kg		
Weight, wire feeder	15 kg		
Protection classification	IP 23		
Insulation class	H		
Cooling output	1000 W (1L/min)*		
Tank capacity	8 L*		
Pump pressure	3.5 bar*		
Standards	IEC 60974-1; -2; -10 / CE / ES / EMC class A		

* Cooling unit optional extra (part no. 092-003492-00000)

Features

- Perfect MIG/MAG weld seams even with long welding leads
- Drive XQ with high-precision, powerful EWM eFeed 4-roll drive for solid and flux cored wires
- Synergic control with one-knob operation
- Energy-saving thanks to high efficiency and standby function
- Connection capability for remote control and function torch
- High-performance centrifugal pump and 8-litre coolant tank for excellent torch cooling (available as an optional extra)
- Optional network connectivity with ewm Xnet software via an integrated or external gateway
- PC interface for PC300 XQ software
- IP23 spray water protected.
- Easy, tool-free change of welding polarity.

Package includes

- Power source
- Wheel kit with single cylinder bracket
- Mains connection lead - 5m
- Drive 4 XQ wire feeder
- Intermediate hose package 10m
- Pivot support for the wire feeder
- Dust filter
- Pressure regulator
- Operating manual



Intermediate hose package



14-pol

Optional extras

- Water cooling unit part no. 092-003492-00000
- PM 401 G RD3 X 4m (control enabled/gas cooled torch) - Part no. 094-700002-00604
- PM 451 W RD3 X 4m (control enabled/water cooled torch) - Part no. 094-700004-00604

Service and warranty

Three-year conditional warranty covers parts and labour. Excludes torches and consumable items. Warranty will not apply if operating and service instructions are not followed or the product shows evidence of tampering.



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