

XQ - Process

all in



- MIG/MAG inverter welding machine, pulse, with integrated wire feeder and HP-XQ control
- Perfect MIG/MAG weld seams, even with long welding leads thanks to patented\* Rapid Current Control technology (RCC)
- flexFit casing system: Many accessory parts and options can be fixed to the welding machine using customary slot nuts
- LED information bar: indicates the current operating status
- **Equipment as delivered:** welding machine, including wheel kit with single cylinder bracket, water cooling and 5 m mains connection lead
- **All-in – no extra charge:**
- With innovative EWM Synergic characteristics rootArc® XQ/rootArc® puls XQ, coldArc® XQ/coldArc® puls XQ, forceArc® XQ/forceArc® puls XQ, wiredArc XQ/wiredArc puls XQ, pulse/superPuls and Positionweld
- 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
- 16 individually configurable programmes for each welding task (JOB)
- Infinitely adjustable arc dynamics (choke effect)
- Adjustable start and end-crater functions
- High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
- Energy-saving thanks to high efficiency and standby function
- Easy, tool-free change of welding polarity
- Earth fault monitoring (PE protection)
- IP23 spray water protected
- Connection capability for remote control and PM function torch
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- 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
- \* EP 1 563 938, EP 1 944 115, EP 0 743 126, EP 1 726 359, EP 1 640 100

	MIG/MAG	MMA	TIG
Setting range for welding current	5 A - 350 A		
Duty cycle at ambient t.e	40 °C		
80 %	350 A		
100 %	320 A		
Open circuit voltage	82 V		
Mains frequency	50 Hz / 60 Hz		
Mains fuses (slow-blow)	3 x 20 A		
Mains voltage (tolerances)	3 x 400 V (-25 % - +20 %)		
Max. connected load	14.3 kVA	15.4 kVA	10.9 kVA
Recommended generator power	19.3 kVA	20.8 kVA	14.7 kVA
cos φ	0.99		
Efficiency	88 %		
Dimensions machine, LxWxH in mm	1152 x 686 x 976		
Weight, machine	131 kg		
EMC class	A		
Insulation class	H		
Protection classification	IP23		

Approvals

S sign , CE sign , EAC sign

Standards

IEC 60974-1, -2, -5 and -10 CL.A