

Phoenix 355 Progress puls MM TDM

090-005320-00502

MULTIMATRIX



- Modular MIG/MAG inverter welding machine, pulse, with separate wire feeder; choice between drive 4X EX, drive 4X HP or drive 4X LP
- **Welding procedures and functions**
- Equipped at no extra charge with EWM Synergic characteristics for forceArc, forceArc puls, rootArc, rootArc puls and superPuls
- Equipped at no extra charge with Synergic characteristics for GMAW welding of steel/CrNi/aluminium
- Suitable for MMA welding, TIG welding and gouging at no extra charge
- 16 individually configurable programmes for each welding task (JOB)
- Infinitely adjustable arc dynamics (choke effect)
- Adjustable start and end-crater functions
- Synergic or manual welding operation
- **Your benefits**
- Gas-cooled or optionally water-cooled with cool 50 cooling unit
- High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
- Equipped with 1.0–1.2 mm UNI rolls for low to high-alloy steel
- 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 function torch
- Optional network connectivity with ewm Xnet software via LAN or WiFi gateway
- PC interface for PC300 XQ software
- Excellent torch cooling, resulting in cost savings on consumables due to high-performance centrifugal pump and 5-litre water tank (cool50 cooling unit)
- 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

	MIG/MAG	MMA	TIG
Setting range for welding current	5 A - 350 A		–
Duty cycle at ambient t.e	40 °C		
60 %	350 A		
100 %	300 A		
Open circuit voltage	79 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	13.9 kVA	15 kVA	10.6 kVA
Recommended generator power	18.8 kVA	20.3 kVA	14.3 kVA
cos φ	0.99		
Efficiency	88 %		
Dimensions machine, LxWxH in mm	625 x 298 x 531		
Weight, machine	41 kg		
EMC class	A		
Insulation class	H		
Protection class	IP23		
Approvals	S sign , CE sign , EAC sign		
Standards	IEC 60974-1 and -10 CL.A		