




# DATA SHEET

## Picomig 355 puls TKM

090-005699-00502



- Multiprocess MIG/MAG pulse welding machine, compact, portable, Euro torch connector
- **Welding procedures and functions**
  - GMAW pulsed welding and GMAW standard welding
  - To find out more about our high-tech MIG/MAG arcs, please click on XQ-Process  
  - Significantly less spatter formation and therefore less finishing work, all thanks to the pulse function
  - GMAW pulse welding of aluminium and aluminium alloys
  - EWM forceArc/forceArc puls characteristics for unalloyed steel
  - EWM rootArc/rootArc puls characteristics for unalloyed steel
  - Characteristics for steel, CrNi, CuSi, aluminium and flux cored wires
  - MMA welding and TIG lift arc welding
  - Perfect for welding self-shielding flux cored wires
  - Infinitely adjustable arc dynamics (choke effect)
  - Non-latched/latched operation
  - Interval welding
  - Adjustable gas pre- and post-flow time
  - ewm Xnet also available via Xnet LAN/Wi-Fi gateway
- **“Crater fill” end-crater filling function can be selected directly using a push-button on the control:**
  - At the end of the welding process, the set welding current is automatically lowered so that potential end-craters in the weld seam can be filled. Lowering the welding current also prevents penetration and cracks in the weld seam and material
- **Your benefits**
  -  No need to purchase additional characteristics – all characteristics for this machine type are included in the scope of delivery ex works
  - Portable or can be carried on a trolley
  - Comprehensive job list
  - Choice of gas- or water-cooled operation
  - No additional mains connection required for cooling unit. Module power supply via welding machine
  - Connection capability for remote control
  - High-precision, powerful EWM eFeed 4-roll wire feed mechanism for secure feeding of all solid and flux cored wires
  - High open circuit voltage for excellent ignition characteristics
  - Energy-saving thanks to high efficiency and standby function
  - Easy, tool-free change of welding polarity
  - Insulated wire space
  - Delivery includes practical torch holder
  - 5 m mains supply lead
  - 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

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Version	Picomig 355 puls
Setting range for welding current	5 A - 350 A
Duty cycle 40 °C	350 A / 40 %
	300 A / 60 %
	270 A / 100 %
Open circuit voltage	79 V
Mains voltage (ex works)	3 x 400 V
Mains tolerances (ex works)	-25 % up to +20 %
Mains frequency	50 Hz / 60 Hz
Recommended generator power	18.8 kVA
Efficiency	88 %
Power consumption Pi	30 W
Factory-installed roll equipment	1,0-1,2 mm UNI / Steel
Spool diameter	D200/D300
Torch connection	Euro torch connector
Protection classification	IP23
Test mark	CE UK EAC S
EMC class	A
Dimensions (L x B x H)	636 mm x 298 mm x 482 mm
	25 inch x 11.7 inch x 19 inch
Weight	34.4 kg / 75.9 lbs
Standards	IEC 60974-1, -5 and -10 CL.A