



Picomig 180 Puls





The versatile and hardworking *EWM Picomig 180 Puls* is ideal for light industrial use in tough environments such as construction sites. This compact and portable machine is easily transportable from workshop to job sites. It offers three full-scale welding processes (MIG/MAG Standard, MMA and Liftarc TIG) and allows you the ability to program welding tasks to save precious time.

The *EWM Picomig 180 Puls* is perfect for welding with self-shielded fluxcored wires and its pulse welding feature allows for superior results when working with stainless steel and aluminium. Fully generator compatible, with high mains voltage tolerance range between -40% and +15%, this machine has a four-roll drive and is equipped for 0.8 mm and 1.0 mm steel wires.

The *EWM Picomig 180 Puls* is a great investment for the serious welder and is backed by a three-year conditional warranty.



Specifications

Part no.	091-005545-00532		
Mains voltage (tolerances)	1× 230 V (-40% to +15%)		
Frequency	50/60 Hz		
Mains fuse (safety fuse, slow-blow)	16 A		
	MIG/MAG	TIG	MMA
Current setting range	5-180 A	5-180 A	5-150 A
Open circuit voltage	20.2-26.0 V	10.2-16.4 V	10.2-16.4 V
Duty cycle at 40°C	25%	180 A	—
	30%	—	180 A
	35%	—	150 A
	60%	120 A	140 A
	100%	100 A	100 A
No-load voltage (open circuit voltage)	80 V	80 V	80 V
Mains connection lead	H07RN-F3G2,5		
Maximum connected load	5.9 kVA	4.4 kVA	5.5 kVA
Recommended generator rating	8 kVA		
cos φ/efficiency	0.99/86%		
Ambient temperature	-25°C to +40°C		
Machine cooling/torch cooling	Fan (AF)/gas		
Noise level	<70 dB(A)		
Workpiece lead (minimum)	25 mm ²		
Insulation class	H		
Protection classification	IP 23		
Spool diameter	Standardised wire spools up to 200 mm		
Wire feed speed	1 m/min to 5 m/min		
Standard roll installation	0.8/1.0 mm for steel wire		
Drive type	4 rolls (37 mm)		
Weight	16.0 kg		
Dimensions (L×W×H)	559×276×340 mm		
Torch connection	Euro torch connector		
Standards	IEC 60974-1; -5, -10 /  /  / EAC		

Package includes

- Power source
- MT221G 3M EZA M6 torch
- Work return lead
- Gas nozzle
- Regulator and gas hose
- Operating manual

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.