

## Picomig 180 Synergic TKG

090-005546-00502



- Multiprocess inverter welding machine with easy Synergic one-knob operation and integrated wire feed mechanism
- GMAW standard welding
- Synergic characteristics for steel, CrNi and aluminium
- MMA 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
- Portable, compact
- Saves power through highly efficient performance
- Robust casing suitable for construction site use
- 4-Rollen-Swissfeed-Antrieb. Ausgerüstet für 0,8 mm + 1,0 mm Stahldrähte
- Easy, tool-free change of welding polarity
- IP23 spray water protected
- Wire spool diameter up to 200 mm/D200
- 3.5 m mains supply lead with 16 A shock-proof plug
- Mains connection 230 V/16 A
- High mains voltage tolerance +15%/-40% and therefore fully generator-compatible
- 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
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**

	MIG/MAG	MMA	TIG
Setting range for welding current	5 A - 180 A	5 A - 150 A	5 A - 180 A
Duty cycle at ambient t.e	40 °C		
25 %	180 A	–	–
30 %	–	–	180 A
35 %	–	150 A	–
60 %	120 A	110 A	140 A
100 %	100 A		120 A
Open circuit voltage	80 V		
Mains frequency	50 Hz / 60 Hz		
Mains fuses (slow-blow)	1 x 16 A		
Mains voltage (tolerances)	1 x 230 V (-40 % - +15 %)		
Max. connected load	5.9 kVA	5.5 kVA	–
Recommended generator power	8 kVA	7.4 kVA	–
cos φ	0.99		
Efficiency	86 %		
Dimensions machine, LxWxH in mm	559 x 276 x 340		
Weight, machine	16 kg		
Insulation class	H		