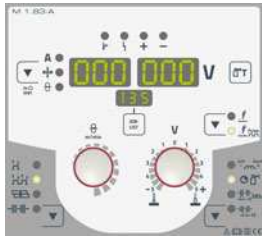


Picomig 180 puls TKG

/Pulse



M1.83-A



- Multiprocess inverter welding machine, pulse, with easy Synergic one-knob operation and integrated wire feeder
- GMAW pulsed welding
- GMAW standard welding
- Synergic or manual welding operation
- Synergic characteristics for steel, CrNi and aluminium
- 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
- Perfect for welding self-shielding flux cored wires
- Infinitely adjustable arc dynamics (choke effect)
- MMA welding
- Non-latched/latched operation
- Interval welding
- Adjustable gas pre-flows/post-flows
- Saves power through highly efficient performance
- TIG lift arc welding
- Robust casing suitable for construction site use
- 4-roll drive. Equipped for 0.8 mm + 1.0 mm steel wires
- Easy, tool-free change of welding polarity
- IP23 spray water protected
- Wire spool diameter up to 200 mm/D200
- Portable, compact
- 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
- **Overvoltage protection: No damage to machine caused if inadvertently connected to 400-V mains voltage**



Mains voltage (tolerances)	1 x 230 V (-40 % - +15 %)
Mains fuses (slow-blow)	1 x 16 A
Open circuit voltage	80 V
Setting range for welding current	5 A - 180 A
Duty cycle 40 °C	180 A / 25 %
	120 A / 60 %
	100 A / 100 %
cos φ	0.99
Efficiency	86 %
Dimensions LxWxH in mm	685 x 280 x 360
Weight	15.5 kg
Spool diameter	200 mm