

# Pico 180 puls TKG

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- GMAW pulsed welding and GMAW standard welding
- MMA welding and TIG lift arc welding
- Perfect for welding self-shielding flux cored wires
- Infinitely adjustable arc dynamics (choke effect)
- Synergic or manual welding operation
- Interval welding
- Portable and compact
- Wire spool diameter up to 200 mm
- IP23.



|                                   | 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 temperature |             | 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 %                                   |             |
| Drive rolls                       |             | 4                                      |             |
| Wire feed speed                   |             | Wire speed m/min, 1 m/min - 15 m/min   |             |
|                                   |             | Wire speed ipm, 39.37 ipm - 590.55 ipm |             |
| Dimensions machine, LxWxH in mm   |             | 559 x 276 x 340                        |             |
| Weight, machine                   |             | 16 kg                                  |             |