



Small, robust and lightweight

– the ideal MMA power packs for construction sites!



MMA welding



TIG welding
Liftarc ignition

HIGHLIGHTS

- Latest inverter technology simplest possible transport due to compact design and low weight (4.8kg)
- **PICO 162 MV** - Universal usage due to automatic modification for country-specific mains voltages (115V/ 230V)
- Ensured functionality and safety even after being dropped or knocked due to intelligent casing design and robust plastics
- 100 % suitable for construction site usage due to safe operation on long mains leads (up to 50m) and on generators
- Problem-free operation using electrodes up to 4 mm from basic to rutile/cellulose due to excellent ignition and welding properties
- Intelligent casing design with optimised air guidance for longer duty cycle and ventilation control for less contamination in the machine.

AREA OF APPLICATION

- Repair of construction and agricultural machinery, machines, systems, etc.
- Coated electrodes (rutile, rutile-/basic, basic, rutile/cellulose)
- Unalloyed, low-alloy and high-alloy steels



ACCESSORIES

Robust case with machine and MMA welding site equipment

- PICO 162 power source
- Electrode holder
- Work piece lead
- Hand shield for welding
- Slag hammer
- Steel brush



Welding current socket adapter, 16/25 to 35 mm²



TECHNICAL DATA



| Welding machine | PICO 162 | | | | PICO 162 MV | | | | | | | |
|--|--------------------------|-------|------------|-------|-------------------------|-------|------------|-------|-------------------------|-------|------------|-------|
| | 230V | | | | 115V | | | | 230V | | | |
| Mains voltage | MMA | | TIG | | MMA | | TIG | | MMA | | TIG | |
| Setting range Welding current | 10 A-150 A | | 10 A-160 A | | 10 A-110 A | | 10 A-120 A | | 10 A-150 A | | 10 A-160 A | |
| Duty cycle (dc) at ambient temperature | 20 °C | 40 °C | 20 °C | 40 °C | 20 °C | 40 °C | 20 °C | 40 °C | 20 °C | 40 °C | 20 °C | 40 °C |
| | 30 % dc | - | - | - | 160A | - | - | - | - | - | - | - |
| 35 % dc | - | 150A | - | - | - | 110A | - | - | - | 150A | - | - |
| 40 % dc | - | - | - | - | 110A | - | - | - | - | - | - | - |
| 45 % dc | - | - | 160A | - | - | - | - | - | - | - | 160A | - |
| 50 % dc | 150A | - | - | - | - | - | - | - | 150A | - | - | - |
| 60 % dc | - | 120A | - | 130A | 90A | 90A | 120A | 120A | - | 120A | - | 130A |
| 100 % dc | 120A | 100A | 120A | 100A | 80A | 80A | 110A | 100A | 120A | 100A | 120A | 100A |
| Open circuit voltage | 105V | | | | 105V | | | | | | | |
| Mains voltage (tolerances) | 1 x 230V (-40 % - +15 %) | | | | 1x 115V (-15% bis +15%) | | | | 1x 230V (-20% bis +15%) | | | |
| | 1 x 240V (-40% - +10%) | | | | 1x 110V (-15% bis +20%) | | | | 1x 240V (-20% bis +10%) | | | |
| Mains frequency | 50/60 Hz | | | | 50/60 Hz | | | | | | | |
| Mains fuse (slow-blow safety fuse) | 1 x 16 A | | | | 1 x 25 A | | | | 1 x 16 A | | | |
| Max. connected load | 6 kVA | | | | 6 kVA | | | | 6 kVA | | | |
| Recommended generator rating | 8,1 kVA | | | | 8,1 kVA | | | | 8,1 kVA | | | |
| Dimensions L x W x H [mm] | 365 x 116 x 224 | | | | 365 x 116 x 224 | | | | | | | |
| Weight approx. | 4,8 kg | | | | 5,1 kg | | | | | | | |