



### 'Weld Anywhere' tool for MMA and scratch TIG use

The Minarc family offers a lightweight MMA welding machine ideal for use in workshop and on-site welding environments. These machines tolerate large fluctuations in input voltage, making them an excellent solution for field conditions with long cables or supply generators. Designed with portability and outdoor use in mind, Minarc machines have a durable casing, are easy to carry with an ergonomic shoulder strap, and have well-protected control knobs. Protection against overload, excess voltage, humidity, and dust ingress yields excellent reliability. TIG welding is made possible with the scratch-TIG function. The Minarc 150 is available with a VRD function as well – offering lower open-circuit voltage for welding in dangerous environments. The Minarc 151 is designed for on-site use with 110-volt transformers.

The Minarc family's superior arc performance stems from high voltage reserves and automatic arc force control. These guarantee that the arc stays stable in all positions, with any current and even with extra-long cables, of up to 50 m. The 'Automatic Hot Start' function provides perfect ignition in all conditions. The U/I-welding characteristic curve has been reformulated; the application for this anti-sticking function is to manage the risk of the MMA electrode sticking to the base material.

The Minarc range covers 150-amp single-phase machines

#### ■ Benefits

- 'Weld Anywhere'
  - Rugged construction and mobility – works with generators and long supply cables
- Superior arc performance
  - Wide range of electrodes, including cellulosic electrodes

#### ■ Technical Data

| Minarc               | 150                                    |
|----------------------|--|
| Mains voltage        | 1ph 230 V $\pm$ 15%                    |
| Rated power          | 35% ED MMA 140 A                       |
|                      | 100% ED MMA 100 A                      |
|                      | 35% ED TIG 150 A                       |
|                      | 100% ED TIG 110 A                      |
| Connection cable     | 3 x 2.5 mm <sup>2</sup> , length 3.3 m |
| Fuse, delayed        | 16A                                    |
| Welding range        | MMA 10 A / 20.5 V...140 A / 25.6 V     |
| Plug                 | Schuko                                 |
| Open circuit voltage | 85V                                    |
| Stick electrodes     | $\varnothing$ 1.5...3.25 mm            |
| External dimensions  | L x W x H 320 x 123 x 265 mm           |
| Weight               | 4 kg                                   |