

# Classic **Minarc** 150

## Little giant of the MMA welding world



### + In brief

- Excellent welding quality and ignition dynamics
- Light weight, high power and duty
- Ready to weld packages

### + Applications

- Metal workshops
- Construction industry
- Agriculture
- Repair and maintenance

Minarc is a lightweight MMA welding machine ideal for use in workshop and site environments. Minarc tolerates large fluctuations of input voltage making it excellent in field conditions with long cables or supply generators. Designed with portability and outdoor use in mind, the Minarc has a durable casing, ease of carry with its shoulder strap and well-protected control knobs. Protection against overload, over voltage, humidity and dust ingress gives excellent reliability. TIG welding is made possible with the scratch-TIG function. The Minarc 150 is also available with a VRD function - lower open circuit voltage for welding in dangerous environments. Minarc 151 is designed to be used with 110V site transformers.

## Key features

The Minarc's superior arc performance is based on high voltage reserves and automatic Arc Force. These guarantee that the arc will stay stable in all positions, with any current and even with extra long cables up to 50m.

Automatic Hot Start gives perfect ignition in all conditions and the Anti Sticking function decreases the risk of the MMA electrode sticking to the base material.



**Lightweight,  
compact and super  
portable.**

## Technical brief

Minarc	150/151
Connection voltage	1~230 V (110 V for 151)
Output @ 35% duty cycle (40 °C)	140 A (MMA) 150 A (TIG)
MMA electrodes ø (mm)	1.5 – 3.25
Dimensions LxWxH (mm)	320 x 123 x 265
Weight (kg)	4.0/4.4

# Classic **Minarc** 150

## Technical specifications

<b>Minarc</b>		<b>150, (150 VRD)</b>	<b>151</b>
Connection voltage	1~, 50 /60 Hz	230 V ±15 %	110 V ±15 %
Rated power	35 % ED MMA	140 A/7.5 kVA	140 A
	50 % ED MMA	-	100 A
	100 % ED MMA	100 A/5.1 kVA	150 A
	35 % ED TIG	150 A/5.0 kVA	110 A
	50 % ED TIG	-	3G6 (2 m)
	100 % ED TIG	110 A/3.3 kVA	32 A
Connection cable	H07RN-F	3G2.5 (3.3 m)	10 A/20.5 V–140 A/ 25.6 V
Fuse, delayed		16 A	10 A/10.5 V – 150 A/15.6 V
Welding range	MMA	10 A/20.5 V–140 A/25.6 V	85 V
	TIG	10 A/10.5 V – 150 A/15.6 V	0.60
Plug type		Schuko	0.80
Open circuit voltage		85 V (30 V/VRD)	1.5–3.25
Power factor at max current		0.60	320 x 123 x 265
Efficiency at max current		80 %	4.4
Stick electrode	ø mm	1.5–3.25	1.5–3.25
External dimensions	L x W x H, mm	320 x 123 x 265	320 x 123 x 265
Weight	kg	4	4

## Ordering information

<b>Ordering codes</b>	<b>150, 151</b>
Minarc 150, incl. earthing and welding cable, connection cable with Schuko	6102150
Minarc 151, incl. earthing and welding cable, connection cable	6101151
Minarc 150 VRD, incl. earthing and welding cable, connection cable with Schuko	6102150VRD
<b>Accessories</b>	<b>150, 151</b>
Earthing cable	6184015
Welding cable	6184005
Carrying straps	9592162
TIG torch	6271432 (TTM 15 V)