

Technical Data

Connection voltage	1~ 50/60 Hz	230 V ±15 %
Rated power at max. current	35 % ED MMA	140 A/4.5 kVA
	35 % ED TIG	150 A/3.2 kVA
Supply current	28 % ED I _{1max}	19.7 A
	100 % ED I _{1eff}	10.0 A
Connection cable	H07RN-F	3G1.5 (1.5 mm ² , 3 m)
Fuse	type C	16A: 140A ED 35%
		10A: 140A ED 28%
Output 40°C	35 % ED MMA	140 A/25.6 V
	100 % ED MMA	100 A/24.0 V
	35 % ED TIG	150 A/16.0
	100 % ED TIG	110 A/14.4 V
Welding range	MMA	10 A/15 V...140 A/37 V
	TIG	10 A/1 V...150 A/36 V
No-load voltage; peak		13 V/VRD (90 V no VRD)
Idle power		17 W
Voltage steps		stepless
Power factor at 100% ED		0.99
Efficiency at 100% ED	MMA	82 %
Stick electrodes	∅	1.5...3.25 mm (some 4 mm)
External dimensions LxWxH	height with handle	361x139x267 mm
Weight	without connection cable	5.4 kg
	with connection cable	5.85 kg
Temperature class		B (130°C)
EMC class		A
Degree of protection		IP23S
Operating temperature range		-20...+40 °C
Storage temperature range		-40...+60 °C
Standards: IEC 60974-1, IEC 60974-10, IEC 61000-3-12		



Lightweight, compact and super portable.



Minarc Evo 140

Perfect for welding on mine sites



Outstanding welding performance

Every element of the Minarc Evo 140 is designed to meet the needs of the professional welder on the move. It delivers outstanding welding quality plus arc ignition.

Available for MMA and TIG processes, it combines maximum welding power with high-energy efficiency thanks to the integration of PFC and inverter power technologies.

Lightweight and flexible, the Minarc Evo 140 can be used with mains or generator power supplies as well as with long supply cables.

Large voltage reserves and automatic arc force control

These features provide excellent arc stability in all welding positions and for a wide range of electrode types, making sure you get quality welding results every time.

The large clear meter display

This makes accurate current setting simple and easy, and precise lift TIG ignition ensures high quality DC TIG welding. Connect Minarc Evo's remote control option and you can adjust welding parameters at a distance during welding, for the ultimate convenience and weld pool control.



Minarc Evo 140

Delivers safe, portable welding on mine sites

Purposely-designed for the mining environment

Built specifically for the mining environment, the Minarc Evo 140 VRD (Voltage Reduction Device) is portable, powerful and helps deliver safer welding in category A, B and C environments. It is perfect for repair and maintenance applications around the mine site.

With safety top of mind, the Minarc Evo 140 welding machine meets the Australian standard AS60974-1 and Mine Safety Standard MDG 25. Highly compliant with safety regulations, the Minarc Evo 140's integrated VRD has been tested to achieve lower than 35 open circuit volts within 300ms from peak load.

What's more, the Minarc Evo 140 features a VRD operational status light and fail to safe function in the event of VRD failure. It also has an electrical supply current (100% ED I_{eff}) of 10 amps and is protected by an IP23S environmental rating.

With the Minarc Evo 140, peace of mind is assured.



The Minarc Evo 140 in action.

Why Buy:

- Meets Australian standard AS60974-1 and Mine Safety Standard MDG 25
- Integrated VRD and VRD operational status light
- Fail to safe function in the event of VRD failure
- VRD achieves lower than 35 open circuit volts within 300ms from peak load
- Premium MMA welding performance and lift TIG technology
- Use with all types of electrodes (cellulose compatible)
- PFC technology for ultimate energy efficiency
- High current output and duty cycle
- Lightweight, portable and large, user-friendly graphical display
- Designed for use with long supply cables
- Suitable for mains network or generator use
- Optional remote control
- Kemppi 2+ warranty for parts and labour



The control panel interface.



Energy efficient