



Minarc Evo 180

Wherever your work takes you

- Premium welding performance
- Use with all electrode types
- Use with long supply cables
- PFC technology for ultimate energy efficiency
- High current output and duty cycle
- Lightweight and portable
- Robust and durable
- Precise lift TIG technology
- Mains network or generator use
- Optional remote control
- Designed and manufactured in Finland
- 3 year warranty

Applications

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

More powerful and affordable than ever before

The little MMA giant is back, stronger than ever. Minarc Evo 180 is the latest MMA model from the popular Minarc Evo family. It has all the great qualities of its predecessor, and then some. Upgraded, improved and more powerful, it serves the agile welder better than ever with greater welding capacity.

Outstanding welding performance is no overstatement. Every element of Minarc Evo 180 is designed to meet the needs of professional welders on the move. Where size, weight and welding quality are concerned, there is no equal.

Ideal for site use, you can use Minarc Evo 180 from mains or generator power supplies, even with extra long supply cables. Minarc Evo is easy to carry, so you can normally take everything you need in one journey.

Large voltage reserves and automatic arc force control 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 and clear meter display makes accurate current setting simple and easy, and precise lift TIG ignition ensures high quality DC TIG welding. Connect a remote control unit and you can adjust welding parameters at distance during welding, for ultimate convenience and weld pool control.





Lightweight, compact and super portable

VALUE FEATURES



LIGHTWEIGHT 5,85 KG

Easy to carry anywhere.



PROFESSIONAL PERFORMANCE

Portable, powerful, capable

Technical specifications

Minarc Evo 180		
Connection voltage	1~ 50/60 Hz	230 V ±15 % (AU 240 V ± 15 %)
Rated power at max. current	30 % ED MMA	170 A / 5.7 kVA
	35 % ED TIG	180 A / 4.0 kVA
Output (40 °C) MMA	30 % ED	170 A / 26.8 V (140AU: 28 % ED 140A / 25.6 V)
	60 % ED	140 A / 25.6 V
	100 % ED	115 A / 24.6 V (140 AU: 80 A/23.2 V)
Output (40 °C) TIG	35 % ED	180 A / 17.2 V
	60 % ED	150 A / 15 V
	100 % ED	130 A / 15.2 V
Open circuit voltage		90 V (VRD 30 V; AU VRD 12 V)
Power factor at 100 % ED		0,99
Efficiency at 100 % ED (MMA)		84 %
Stick electrodes	∅	1.5...4 mm
External dimensions	L x W x H	361 x 139 x 267 mm
Weight (with connection cable)		5.85 kg
EMC class		A
Norms IEC 60974-1, -10, IEC 61000-3-12		

Ordering information

Minarc Evo 180 (incl. earth return and welding cables (3 m) and shoulder strap)		
Minarc Evo 180		61002180
Minarc Evo 140 AU*		61002140AU
Minarc Evo 180 AU*		61002180AU
Minarc Evo 180 VRD		61002180VRD
Earth return cable	5 m, 16 mm ²	6184015
Welding cable	5 m, 16 mm ²	6184005
Shoulder strap		9592163
Optional: TIG torch Flexlite TX 163 GVD94	4 m	TX163GVD94
R10 Hand held remote control	5 m	6185409

*The AU model is for the Australian and New Zealand markets. They have different mains plugs.