

Minarc Evo 150

Little giants of the welding world



In brief

- Premium welding performance
- Use with all electrode types
- PFC technology for ultimate energy efficiency
- Designed for use with long supply cables
- High current output and duty cycle
- Lightweight and portable
- Precise lift TIG technology
- Mains network or generator use
- Optional remote control
- Kemppi 2+ warranty for parts and labour



Applications

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



Energy efficient

Key features

Outstanding welding performance is no overstatement. Every element of Minarc Evo 150 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 150 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 Minarc Evo's remote control option and you can adjust welding parameters at distance during welding, for the ultimate convenience and weld pool control.



Lightweight, compact and super portable



Quality welding, wherever work takes you

Minarc Evo 150

Technical specifications

Minarc Evo 150

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	35 % ED I _{I max}	19.7 A
	100 % ED I _{I eff}	12.9 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) MMA	35 % ED	140 A/25.6 V
	100 % ED	100 A/24.0 V
Output (40 °C) TIG	35 % ED	150 A/16.0
	100 % ED	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		90 V (VRD 30 V)
Idle power		17 W
Voltage steps		stepless
Power factor at 100 % ED		0.99
Efficiency at 100 % ED	MMA	82 %
Stick electrodes	Ø	1.5 – 3.25 mm, and 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		

Ordering information

Minarc Evo 150

Minarc Evo 150 welding machine	(includes earth return and welding cables)	61002150
Minarc Evo 150 welding machine (Denmark)	(includes earth return and welding cables)	61002150DK
Minarc Evo 150VRD welding machine	(includes earth return and welding cables)	61002150VRD
Earth return cable and clamp		6184015
Welding cable and electrode holder		6184005
Carrying strap		9592163
Optional: TIG torch TTM15V	4 m	6271432
BETA 90X electronic welding helmet		9873047
R10 hand held remote control	5 m	6185409