

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

For more product information, videos and news, please visit our website at www.kemppi.com

Minarc Evo 150

Technical specifications

| Minarc Evo 150 | | |
|--|----------------------------|------------------------------------|
| Connection voltage | 1 ~ 50/60 Hz | 230 V ±15 % (AU 240 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 _{1max} | 19.7 A |
| | 100 % ED I _{1eff} | 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 | 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 | | 90 V (VRD 30 V, AU VRD 12 V) |
| 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 | | |

Ordering information

| Minarc Evo (includes earth- and welding cables) | | |
|---|-----|-------------|
| Minarc Evo 140 AU | | 61002140AU |
| Minarc Evo 150 | | 61002150 |
| Minarc Evo 150 AU | | 61002150AU |
| Minarc Evo 150 (Denmark) | | 61002150DK |
| Minarc Evo 150VRD | | 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 shield | | 9873047 |
| R10 Hand held remote control | 5 m | 6185409 |