



MobiARC 160/160 mobil.

Full power up to 160 A welding current!



Merkle MobiARC 160.

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The new Merkle MobiARC 160 has been designed and built on inverter based technology; this guarantees the best requirements for optimum welding parameters.

Whether for welding work with a customer, in the service industry or in your own workshop: MobiARC 160 always offers you full welding power up to 160 A using the standard single phase supply of 230 V. Fine details such as the Protec rubber edge protection, the large 50 mm² professional connectors or the optimal handling thanks to the carry/shoulder strap, this machine offers a professional configuration in a compact format!



Continuous control

Continuous control of the welding current up to 160 A.



Protec edge protection

Extra protection through the rubber edge protection system.



Professional connection sockets

Large professional sockets for the employment of Merkle standard accessories.



Optimal handling

Maximum mobility thanks to the carry/shoulder strap provided.

Technical data

MobiARC 160 MobiARC 160 mobil

Power supply	1 x 230 V, 50/60 Hz
Frequency	50 - 60 Hz
Continuous power (MMA/TIG)	3.7 kVA / 2.8 kVA
Continuous current (MMA/TIG)	16 A / 12 A
Stick electrodes	1.5 - 3.25 mm
Open circuit voltage	64 V
Welding voltage	20.6 - 26.4 V
Welding current	15 - 160 A
Duty cycle 30 % (10 min)	150 A (20 °C)
Duty cycle 60 % (10 min)	100 A (20 °C) 90 A (40 °C)
Duty cycle 100 %	90 A (20 °C) 80 A (40 °C)
Protection class	IP 23
Operation modes	MMA/stick electrode, TIG (DC) lift/TIG
Norm	EN 60974-1 „S“ / CE
Sockets 50 mm ²	earth lead, electrode cable
Weight MobiARC 160	5.8 kg
Weight MobiARC 160 mobil	12 kg
Dimensions (l x w x h)	
MobiARC 160	330 x 140 x 230 mm
MobiARC 160 mobil	436 x 222 x 385 mm

Technical modifications reserved.

Functionality and easy operation

- Professional power in a compact format: ideal for all quick welding jobs.
- Modern inverter technology ensures optimal welding parameters every time.
- Continuous welding current adjustment.
- Small, light, handy and portable, the weight is only 5.8 kg.
- The Merkle quality seal of approval at an amazingly low price.
- Made in Germany.



MobiARC 160 mobil.

With integrated storage system!

Everybody knows the transportation problem during the daily job on assembly work or welding at the customers. Even though the welding machine is compact, until today no conclusive solution exists for the accessories.

Merkle offers with the new MobiARC 160 mobil a surprisingly logic product concept. Instead of storing machine and accessories in separate boxes, Merkle uses the housing as a clever storage system for earth and electrode cable, hand shield, gloves, slag hammer and electrodes.



Safe transportation and easy operation

The operation panel is well protected by a stable metal cover.



Space for everything

Cables, hand shield, slag hammer, and electrodes are stored compact.



Technology

Leading technology for MMA/stick electrode and TIG welding.



Functionality and easy operation

- With integrated storage system.
- A lot of space for the welding accessories.
- Professional power in a compact format. Perfect for the quick welding job.
- Robust and easy to handle.
- Inverter technology for perfect welding performance.
- Continuous setting of the current.
- Made in Germany.



Create your future successfully.

With Merkle. Your specialist for welding units, welding machines, torches and intelligent automation systems. With own subsidiaries and Merkle dealers in Germany, Europe and many other countries throughout the world.

Welcome to Merkle.

- MIG/MAG Welding Units
- Synergic Pulse Welding Units
- TIG Welding Units
- MMA / Stick Electrode Welding Units
- Plasma Welding and Cutting Units
- Turntables and Roller Drive Units
- Welding and Cutting Torches
- Automation Components and Solutions
- Merkle Robotics

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