

GREATEST FLEXIBILITY INDOORS AND OUTDOORS

UNLIMITED WELDING WITH THE MOBILE MICORSTICK 160 AND ITS BATTERY PACK

Müller Montagen GmbH, headquartered in Kradolf, Switzerland, specialises in construction and industrial installations. On the ground or at dizzying heights, the team around owner Lars Müller active throughout Switzerland and beyond. Its tasks are diverse, ranging from welding of a staircase railing in a mountain cottage to welding of and on cranes or roofs. The Lorch MicorStick 160 with its two-component system of welding source and battery pack makes the company extremely flexible in everyday welding while optimising the welding properties. The MicorStick's low weight of only 4.9 kilograms and a battery pack of 6 kilograms, along with a practical carrying system make the system is easy to transport even across long distances. It can be stowed safely and securely as well. The self-sufficient battery-powered welding unit also eliminates the annoying search for power outlets and time-consuming cable routing. The

Duo solution has another advantage, as the MicorStick 160 can be operated on the 230 V lighting mains or a generator as well as by battery.

OVERVIEW

MÜLLER MONTAGEN GMBH

- Kradolf, Switzerland
- 3 employees
- Construction and industrial installations
- www.muellermontagen.ch



State-of-the-art inverter technology gives the MicorStick optimal welding properties. An automatic hot start ensures perfect ignition while the anti-stick system reliably prevents sticking of the electrode.



Easy transport: The MicorStick duo (4.9 kg) and battery pack (6.0 kg) combine to a weight just below 11 kilograms. Many a travelling backpack weighs more than this.



Adaptive hot start, anti-stick system, arc-force control

EFFICIENT WELDING FEATURES IN THE SMALLEST SPACE

Even though it is only 34 × 13 × 21 centimetres large, the MicorStick 160 stands out with an extremely stable arc and excellent ignition properties. Vertical down welds may be completed perfectly reliably and at the very best quality with cellulose electrodes. Innovative electronic technology installed in the MicorStick ensures excellent welding properties. State-of-the-art inverter technology, an automatic adaptive hot start to ensure perfect igni-

tion are part of the state-of-the-art welding technology, as is an anti-stick system that prevents the electrode from sticking. Arc-force control supports welding while ensuring increased arc stability at an optimised material transition. As a result, the MicorStick also ignites reliably and stably on the generator or on long lines.



"With the MicorStick, I don't have to unroll any cables, can start welding immediately and am completely independent on the construction site."

– Lars Müller, owner

FACTS

- Maximum flexibility thanks to two independent components: MicorStick welding source and Mobile Power battery pack
- Welding unit weighs only 4.9 kilos and can be operated on the mains supply
- State-of-the-art inverter technology guarantees optimum welding properties
- Battery pack can be transported with the available Weld Backpack or separately
- With several MicorSticks: one battery can be used for several devices (e.g. for assembly teams)
- Only 300 watts supply power: can also be used with small 230V generators and even with mains supply from solar island systems possible
- Welding times can be easily extended by using additional battery sets

