

Mobile Welder

The entry-level model among the orbital welding power sources - the Mobile Welder. The portable orbital welding power source impresses with intuitive and simple operation and is equipped with all relevant functions required for orbital welding. The Mobile Welder enables automated welding of tubes for anyone and anywhere.



The Mobile Welder is a portable orbital welding power source designed specifically for tube construction in the area of thin-walled stainless steel tubes. It is ideally suited for use on construction sites and enables the usual high and consistent quality of orbital welding even in hard-to-reach work areas.

Lightweight and robust construction

The Mobile Welder is equipped with a carrying handle and shoulder strap and can be easily transported with a weight of approx. 15 kg. In addition, it convinces with a compact design.

Intuitive and simple operation

The Mobile Welder has the same intuitive operating concept as the Smart Welder series and is therefore equipped with a rotary dial, a touch display and soft keys. Clear and focused menu navigation allows the operator to create a welding program in just a few steps and then start the welding process. He is supported in this by the integrated auto-programming function. The Mobile Welder is equipped with all the important functions required for orbital welding. Together with our open, gas-cooled orbital welding heads, orbital welding can be carried out very easily and flexibly.

Manual TIG welding

The use of a "manual welding mode" is also possible in combination with a TIG hand torch, thus extending the application possibilities of the Mobile Welder. Tacking work can be carried out flexibly and manual welding can be carried out easily in places that are difficult to access with orbital welding heads (see "TIG manual torch for Mobile Welder" on page 107). The simple and flexible changeover of the user interface between orbital and manual welding eliminates the need for an additional manual power source. The Mobile Welder offers the ideal 2-in-1 solution.

Upgrade options

It is possible to expand the Mobile Welder's range of functions at any time via upgrade options, should, for example, the requirements and areas of application of the welding work change. These upgrade options are available:

- **UPGRADE - ORBICOOL MW:** If the external cooling unit ORBICOOL MW is connected to the Mobile Welder, liquid-cooled welding heads can be operated in addition to gas-cooled welding heads.

Simple and intuitive - operable with minimal training and training effort



Portable - lightweight and ready for any task and any location



2-in-1 - orbital and manual welding in one device



Upgradeable - the range of functions grows with the requirements



NEW. Mobile Welder

- **UPGRADE - Software MW+:** With the software upgrade, a wide range of smart functions is available, such as welding data logging and digital welding gas management.

With these two upgrade options, the Mobile Welder is able to evolve into a Mobile Welder OC Plus and grow with the challenges.

Food & Beverage Packageage

Don't wait - get started right away with the Food & Beverage Packageage. The package contains every-thing needed for orbital welding: Mobile Welder, open MH welding head, and all the necessary connecting cables and hoses. In addition, the package offers an attractive price advantage over the individual components.



Shapely and practical case with carrying handle and shoulder strap.

Mobile Welder



Foldable protective cover for display and controls.



Interface
Orbital welding



Interface
Manual welding



Gas-cooled TIG manual torch MW with 6 m hose package (optional)

Orbital welding power source




Mobile Welder

ITEM	VERSION	CODE	MACHINE WEIGHT KG
Mobile Welder	1~ 110-230 V 50/60 Hz	854 000 001	15,60

WELDING POWER SOURCE	MOBILE WELDER	SCOPE OF DELIVERY	MOBILE WELDER
CODE	854 000 001	Shoulder strap MW	●
TECHNICAL SPECIFICATIONS		Power cable DE	●
Control range	5 - 140 A	Hose connection set	●
Welding current type	DC	Quick Start Guide	●
Duty cycle	100 % - 140 A	General safety instructions welding power sources	●
Supply voltage (Supply voltage > 160 V)	1~ 110-230 V 50/60 Hz	Calibration certificate	●
Weight	15,6 Kg*	FURTHER FEATURES	
Dimensions (WxDxH)	264 x 540 x 376 mm (9,7 x 21,3 x 14,8 in)	Wide Range input power range	●
IP standard	IP23S	Welding gas monitoring	●
Screen size	7"	Auto programming	●
Touch	●	Multi lingual	●
Soft keys	●	Metric and imperial measuring units	●
Rotary knob	●	Multifunctional rotary control and soft keys	●
USB ports	2	7" Touch Display	●
Internal printer	Thermal	Welding program manager	●
		Welding program exchange via USB	●
		Upgradeable	●

The technical data are non-binding. They do not contain any assurance of properties.

Available upgrade options:

-  ORBICOOL MW (854 030 301)
-  Software MW+ (854 030 321)
-  Connectivity LAN/IO/VNC (850 080 001)*

*Requires upgrade option software MW+.

Detailed information on our upgrade options can be found on our home page at

<https://www.orbitalum.com/en/products/product-details/mobile-welder.html>



Suitable accessories (optionally available):

- Gas-cooled TIG manual torch MW
- Upgrade options
- Bar code/QR code scanner
- ORBmax residual oxygen meter
- Double pressure reducer
- Ground cable, see "Massekabel"
- Electrode grinders ESG
- USB WLAN stick