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 Plus 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. 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.

- **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 Package

Don't wait - get started right away with the Food & Beverage Package. The package contains everything 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.

AN ITW COMPANY **ORBITALUM TOOLS GMBH** Josef-Schüttler-Str. 17 78224 Singen Germany Phone +49 (0) 77 31 792 - 0 Fax +49 (0) 77 31 792 - 524 tools@orbitalum.com



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
CODE	**854 000 001**
TECHNICAL SPEDIFICATIONS	
Control range	5 - 140 A
Welding current type	DC
Duty cycle	100 % - 140 A
Supply voltage (Supply voltage > 160 V)	1~ 110-230 V 50/60 Hz
Weight	15,6 Kg*
Dimensions (WxDxH)	264 x 540 x 376 mm (9.7 x 21.3 x 14.8 in)
IP standard	IP23S
Screen size	7"
Touch	●
Soft keys	●
Rotary knob	●
USB ports	2
Internal printer	Thermal

SCOPE OF DELIVERY	MOBILE WELDER
Shoulder strap MW	●
Power cable DE	●
Hose connection set	●
Quick Start Guide	●
General safety instructions welding power sources	●
Calibration certificate	●
FURTHER FEATURES	**MOBILE WELDER**
Wide Range input power range	●
Welding gas monitoring	●
Auto programming	●
Multi lingual	●
Metric and imperial measuring units	●
Multifunctional rotary control and soft keys	●
7" Touch Display	●
Welding proram manager	●
Welding program exchange via USB	●
Upgradeable	●

Available upgrade options:

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

- ORBICOOL MW (854 030 301)
- Software MW+ (854 030 321)
- Connectivity LAN/IoT/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
- Double pressure reducer
- Ground cable, see"Ground cable"
- Electrode grinders ESG
- USB WLAN stick