

# 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.



**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

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. 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.

### Ready to Weld package

Don't wait - get started right away with the Ready to Weld 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.



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 | <b>854 000 001</b> | 15,60             |

| WELDING POWER SOURCE                    | MOBILE WELDER                             | SCOPE OF DELIVERY                            | MOBILE WELDER |
|-----------------------------------------|-------------------------------------------|----------------------------------------------|---------------|
| <b>CODE</b>                             | <b>854 000 001</b>                        | Shoulder strap MW                            | ●             |
| <b>TECHNICAL SPECIFICATIONS</b>         |                                           | Power cable DE                               | ●             |
| Control range                           | 5 - 140 A                                 | Hose connection set                          | ●             |
| Welding current type                    | DC                                        | Quick Start Guide                            | ●             |
| Duty cycle                              | 100 % - 140 A                             | <b>FURTHER FEATURES</b>                      |               |
| Supply voltage (Supply voltage > 160 V) | 1~ 110-230 V 50/60 Hz                     | Wide Range input power range                 | ●             |
| Weight                                  | 15,6 Kg*                                  | Welding gas monitoring                       | ●             |
| Dimensions (WxDxH)                      | 264 x 540 x 376 mm (9.7 x 21.3 x 14.8 in) | Auto programming                             | ●             |
| IP standard                             | IP23S                                     | Multi lingual                                | ●             |
| Screen size                             | 7"                                        | Metric and imperial measuring units          | ●             |
| Touch                                   | ●                                         | Multifunctional rotary control and soft keys | ●             |
| Soft keys                               | ●                                         | 7" Touch Display                             | ●             |
| Rotary knob                             | ●                                         | Welding program manager                      | ●             |
| USB ports                               | 2                                         | Welding program exchange via USB             | ●             |
| Internal printer                        | Thermal                                   | Upgradeable                                  | ●             |

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

### Available upgrade options:

- ORBICOOL MW
- Software MW+
- Connectivity LAN/IoT/VNC\*

\*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