

# MOBILE WELDER OC PLUS

Consistently high quality of the welded seams independently of the point of use -

The Mobile Welder OC Plus is the first portable orbital welding power source by Orbitalum Tools which can be used in mobile as well as stationary situations. The power source is based on the established Smart Welder Orbimat 180 SW and convinces with its compact and rugged design.



**Simple and intuitive**  
can be operated with minimum training and instruction requirements ✓

**Portable** - lightweight and ready for any tasks and any location ✓

**Modular** - flexible and with a wide range of applications through extendable components ✓

NEW.

MOBILE WELDER OC PLUS

+

**The Mobile Welder OC Plus is the first portable orbital power welding source by Orbitalum Tools which has been developed specifically for pipeline installations. The Mobile Welder OC Plus allows the usual high and consistent quality of the orbital welding to be maintained even in work areas which are difficult to access.**

#### Light and rugged construction

The light and rugged construction is equipped with state-of-the-art information and communications technology and is based on the strengths of the ORBIMAT 180 SW (OM 180 SW) - our established Smart Welder.

#### Intuitive and easy operation

Furthermore the Mobile Welder OC Plus convinces with its easy handling and with minimum training and instruction require-

ments.

The Mobile Welder OC Plus is based on the same software platform as our OM 180 SW. This allows immediate transition of trained personnel and furthermore makes seamless program exchange between the machines possible.

#### Cooling unit ORBICOOL MW

The Mobile Welder OC Plus is delivered together with the cooling unit ORBICOOL MW which is connected with just a few simple steps and thus can be used in mobile and stationary situations in manufacturing with the efficiency of liquid-cooled weld heads.

#### Manual TIG welding

The usage of a "Manual welding mode" is also possible in combination with a TIG manual welding torch thus extending the application possibilities in order to perform flexible tacking work and to easily produce

manual welding connections with orbital welding heads at inaccessible parts - one power source for all challenges in modern pipeline manufacturing.



MOBILE WELDER OC PLUS  
Front and rear view



Elegant and practical housing with carrier handle and shoulder strap.

MOBILE WELDER OC PLUS



The liquid cooling system keeps connected welding tongs and heads constantly at the right temperature.



Hinged protective cover for display and control elements.



Interface  
Orbital welding



Interface  
Manual welding



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

## Orbital welding power supply

### MOBILE WELDER OC PLUS

ITEM	VERSION	CODE	MACHINE WEIGHT KG
MOBILE WELDER OC PLUS	1~ 110-230 V 50/60 Hz	<b>854 000 011</b>	21.00

WELDING POWER SOURCE	MOBILE WELDER OC PLUS
<b>CODE</b>	<b>854 000 011</b>
<b>TECHNICAL SPECIFICATIONS</b>	
Control range	5 - 180 A
Welding current type	DC
Duty cycle	60% - 180 A 100% - 140 A
Supply voltage (Supply voltage > 160 V)	1~ 110-230 V 50/60 Hz
Weight	20.9 kg*
Dimensions (W x D x H)	273 x 546 x 513 mm (10.8 x 21.5 x 20.2 in)
IP standard	IP23S
Screen size	7"
Touch	●
Soft keys	●
Rotary knob	●
Gas flow sensor	●
Cooling liquid sensor	●**
USB ports	2
LAN	●
Internal printer	Thermal
<b>SCOPE OF DELIVERY</b>	<b>MOBILE WELDER OC PLUS</b>
ORBICOOL MW	●
Connection line MW-OCMW	●
Cooling liquid OCL-30 3.5 l/118.3 fl oz	●
Shoulder strap MW	●
Power cable DE	●
Hose connection set	●
Operating instructions	●
Spare parts list	●

FURTHER FEATURES	MOBILE WELDER OC PLUS
Wide Range input power range	●
Cooling liquid and welding gas monitoring	●
Fully digital welding gas management	●
Auto programming	●
Welding data logging	●
Multi lingual	●
Metric and imperial measuring units	●
User levels	●
Access control	●
LAN/IoT/VNC Ready	●

Technical specifications are non-binding.  
They do not constitute any assurance of properties.

\* = Without cooling liquid

\*\* = In external cooling unit

### Suitable accessories (optionally available):

- Gas-cooled TIG manual welding torch MW
- Connectivity upgrade LAN/IoT/VNC
- Bar code/QR code scanner SW
- ORBmax residual oxygen meter
- Double pressure reducer
- Ground cable