

Ready to Weld-Package

Welding tubes by hand can be grueling. With the Mobile Welder, you can weld them in a simple to use, but highly automated way. It's an orbital welding device, specifically designed for highly portable, field welding applications in the area of thin-walled stainless steel tubes, that makes your work easier.



With the Ready to Weld-Package you get everything you need for orbital welding: Mobile Welder, MH 4.5 weld head and all connection lines and hoses. Automated tube welding is possible for anyone, anywhere!

Why you should invest in orbital welding

Orbital welding has become indispensable in many industries. Whether in the food and beverage industry or in railing construction, the demands on weld seams are high. High-quality weld seams are always and everywhere a prerequisite, which not only comply with the high hygiene standards, but also contribute to the reliability and cost-effectiveness of the equipment. Orbital welding is a mechanized TIG welding process in which an arc is passed around a stationary tube. The result is a high quality welded joint. Take the step towards orbital welding together with us and prepare yourself optimally for the growing needs of the markets.

Orbital welding made easy

With the Mobile Welder, orbital welding has never been easier. The Mobile Welder is a portable orbital welding power source specially developed for modern tube construction. It has a lightweight and compact design and can be easily transported at a weight of approx. 15 kg. The Mobile Welder impresses with its simple and intuitive operation and is equipped with a rotary knob, a touch display and soft keys. The clear and focused menu navigation allows you to create a welding pro-

gram in just a few steps and then start the welding process. The Mobile Welder is equipped with all the important functions needed for orbital welding. Together with the open MH 4.5 weld head, you can weld orbitally easily and flexibly. In addition, a remote control is integrated in the handle of the head, so that all welding-related functions can be operated directly from the weld head.

Your inexpensive entry

The Ready to Weld-Package consists of the Mobile Welder, the MH 4.5 weld head and all the necessary connecting lines and hoses. The Ready to Weld-Package is not only delivered ready to weld, but also offers a price advantage over the individual components and makes entry into orbital welding particularly attractive.

The best of both worlds

To make it as easy as possible for you to get started with orbital welding, the Mobile Welder offers a manual welding mode in addition to an orbital welding mode. Switching the user interface between orbital and manual welding is very straightforward and can be done at any time. The manual welding mode is possible in combination with a TIG hand torch. 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. Ultimately, an additional manual power source can be dispensed with. The Mobile Welder offers the ideal 2-in-1 solution.

The Mobile Welder grows with your challenges

The MH 3.0 and MH 6.6 weld heads can be connected to the Mobile Welder for additional tube dimensions. With optional upgrade options available, the Mobile Welder is always able to grow with your challenges, should, for example, the requirements and areas of application of the welding work change.

Are you interested? Arrange a demo appointment with us and convince yourself of the advantages of the Mobile Welder.

Further information

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Ready to Weld-Package consisting of Mobile Welder and MH 4.5 weld head.

READY TO WELD-PACKAGE

Ready to Weld-Package

ITEM	VERSION	CODE
READY TO WELD-PACKAGE	MOBILE WELDER + MH 4.5 WELD HEAD	854 001 001

SCOPE OF DELIVERY	READY TO WELD-PACKAGE
Mobile Welder	●
Shoulder strap MW	●
Power cable DE	●
Hose connection set	●
Quick Start Guide	●
MH 4.5 weld head	●
Transport box	●
Consumables/ set of tools	●

MH 4.5 reduction jaws 20 - 40 mm (0.787 - 1.575 in)	●
MH 4.5 reduction jaws 40 - 80 mm (1.575 - 3.150 in)	●
Ground cable	●
Control line	●
Operating instructions with spare parts list	●



Shapely and practical case with carrying handle and shoulder strap.

MOBILE WELDER

MOBILE WELDER

ORBITAL WELDING POWER SOURCE	
TECHNICAL SPECIFICATIONS	
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

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 program manager	●
Welding program exchange via USB	●
Upgradeable	●

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



Interface
Orbital welding

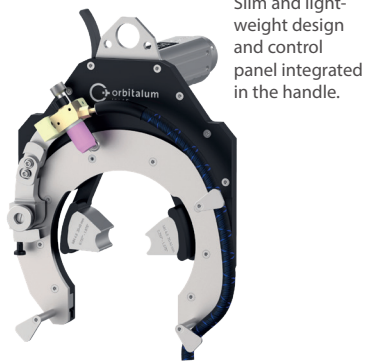
Interface
Manual welding

MH 4.5 WELD HEAD

OPEN ORBITAL WELD HEAD	
TECHNICAL SPECIFICATIONS	
Application area	20 - 114,30 mm (0.787 - 4.500 in)
Electrode lengths	30 - 55 mm (1.181 - 2.165 in)
Machine weight including power/gas cable	5,56 Kg (12.13 lbs)
Power/gas hose length	7,0 m (23.0 ft)

FURTHER FEATURES	MH 4.5
Electrode angle adjustment	●
Electrode gap spacer	●
Infinitely variable adjustable clamping system	●
Swiveling torch body	●
Integrated control panel	●
Safety eyelet	●
Torch arm bracket adjustable	●
Torch fine-tuning	●
Torch arm latch	●

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MH 4.5 WELD HEAD

Slim and light-weight design and control panel integrated in the handle.

Suitable accessories (optionally available):

- Gas-cooled TIG manual torch MW
- Upgrade options
- Bar code/QR code scanner
- Hose package extension
- ORBmax residual oxygen meter
- Double pressure reducer

Upgrade options:

It is possible to expand the functionality of the Mobile Welder at any time via upgrade options.

Detailed information about our upgrade options can be found here:



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