



## TBi Extract

### Welding Fume Extraction Unit

#### Advantages of the system

- ✓ Welding fumes will be extracted directly at their source
- ✓ Small space requirement due to compact design
- ✓ Powerful extraction turbine
- ✓ Integrated compressed air cleaning nozzle
- ✓ Cleanable permanent filter cartridge (dust class M)
- ✓ Can be used with any welding machine
- ✓ Suitable for gas and water cooled torches
- ✓ On-torch remote control with TBi Extract module
- ✓ IFA test certificate W3 for high-alloy metals and steels

#### Technical specifications

Motor capacity	1.0 kW
Frequency	50 Hz
Voltage	230 V
Pre-fuse	C16 A
Protection class	IP 54
Max. air volume flow	200 m <sup>3</sup> /h
Max. vacuum	19.000 Pa
Connector diameter	Ø 50 mm
Dimensions (LxWxH)	630 x 210 x 590 mm
Weight	24 kg
Sound emission	71 dB[A]
Number of filters	1
Filter type	FP
Filter surface	0.8 m <sup>2</sup>
Filter material	H13

#### Remote Control with TBi Extract module



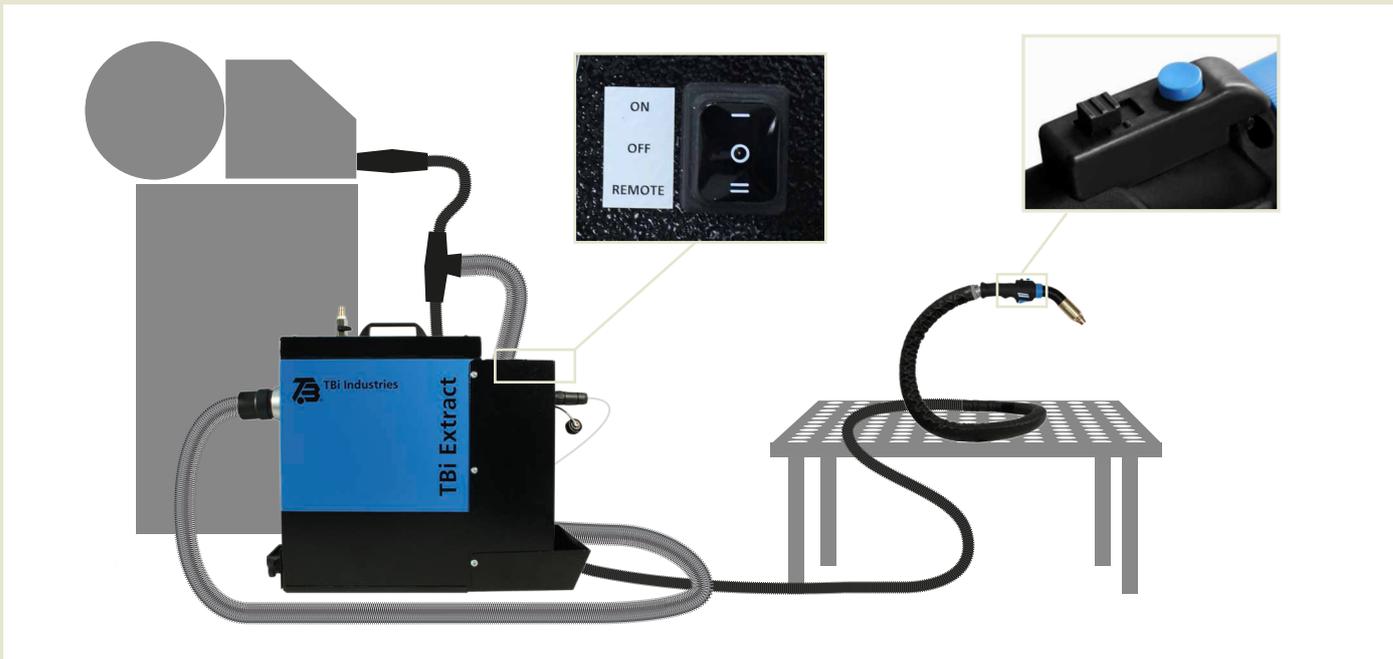
The TBi Extract torch module allows the full remote control of the extraction unit directly at the torch. The extraction can be paused for a short time during welding using the pushbutton. In this way, cavities can be avoided in corners.

#### Ordering information

Part no.	Description
200P101060	TBi Extract fume extraction unit
200P101061	Filter cartridge TBi Extract
200P101062 *	Exhaust box TBi Extract
200P101063 *	Extraction hose cpl. 3 m TBi Extract
200P102060 *	Connection piece TBi Extract
369P406000 *	Hose clamp 40-60 mm TBi Extract
→ TBi torches	<u>see catalog TBi Fume extraction torches</u>

\* Not included in the scope of delivery, please order separately!

## Diagram of the system



### TBi Extract fume extraction unit

The TBi Extract fume extraction unit, which can also be operated lying on its side, is compact, portable, low-noise and powerful. Designed for direct connection to our TBi Fume extraction torches, the welding fumes are extracted right at the point of source.

The permanent filter cartridge can be cleaned manually in the device using compressed air. This keeps operating costs low. The integrated dust collection drawer enables the quick and simple disposal of the collected material.

The TBi Extract is designed for one extraction point and ideal for all types of welding fume extraction where flexibility is required. The full remote control, start/stop and temporary lowering for critical welding positions can be done by a TBi Fume extraction torch and the new TBi Extract modul. Alternatively, the TBi Extract can also be controlled directly by an external switch.

### Special features



#### TBi Extract module

The TBi Extract torch module allows the full remote control of the extraction unit directly at the torch.



#### TBi Extract pressure gauge

By filtering the welding fumes, solids clog the filter cartridge. The pressure in the TBi Extract fume extraction unit is measured and indicates, when the filter needs to be cleaned



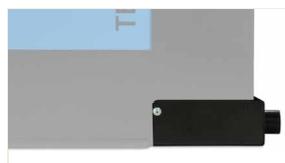
#### Connection to the TBi Fume extraction torch

The TBi Extract unit is connected directly to the TBi Fume extraction torch with the extraction hose. The T-connection is rotatable.



#### Dust collection drawer

Easy disposal of the extracted solids by removing and emptying the drawer.



#### Exhaust box

Connection to discharge the filtered air to the outside. Connection diameter: Ø 49 mm.