



## TBi Dusty Mobile Fume Extraction Unit

- Reduction of harmful substances
- Mobile or stationary use
- Filtration of ultra fine respirable dust (< 0.1 µm)



**Suitable for alveolar dust**  
Filtration efficiency  
> 99.9% of all particles  
< 0.4 µm

### Ordering information

TBi Dusty mobile fume extraction unit 200P101040  
(incl. 5 m extraction hose)

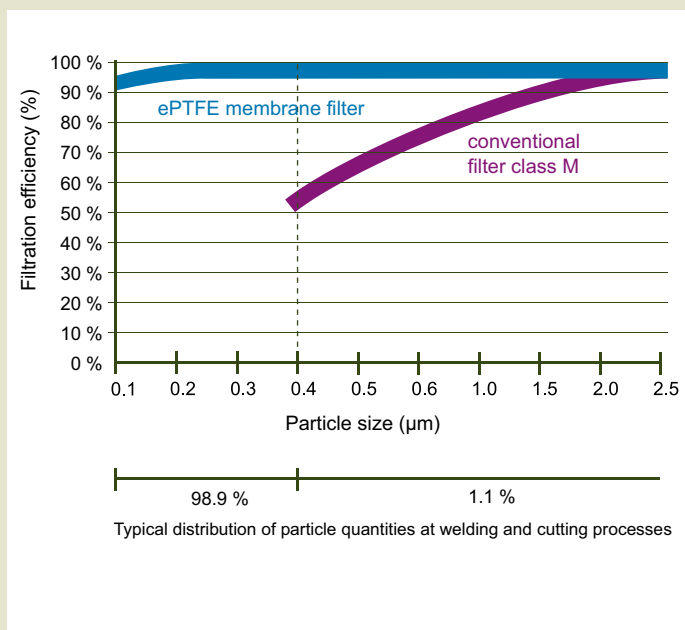
### Technical data

#### TBi Dusty mobile fume extraction unit

Extraction capacity	340 m <sup>3</sup> /h, infinitely adjustable
Differential pressure	18.100 Pa (statical)
Filtration efficiency	> 99.9 % of all particles < 0.4 µm
Noise level	74 dB (A)
Supply voltage	230 V / 50 Hz, other voltages on request
Current drain	8.7 A max.
Motor capacity	1.6 kW
Dimensions (LxWxH)	300 x 300 x 690 mm
Weight	21.0 kg



## Mode of operation



The TBi Dusty is used for the extraction of welding fumes. The harmful particulate substances are aspirated through the extraction nozzle of a torch or another collection element and are carried by the air stream into the filter unit. The particles adhere to the surface of the filter cartridge and are collected in a reservoir. The cleaned air is returned into the surroundings. If necessary, the filter cartridge can easily be cleaned by hand with compressed air.

The unit has a high quality ePTFE membrane filter with a convincingly high filtration efficiency for extremely small alveolar particles. Thus possible health risks can be reduced.

As to the low weight and the compact shape, the TBi Dusty can be used flexibly and universally and it can be easily moved between different sites.

## Applications

- Mobile extraction of welding fumes at varying locations (e.g. body construction, container construction)
- Working in closed areas or difficult to access locations without a fixed extraction device
- Welding of long seams without having to manually position an extraction funnel



## An optimal supplement to TBi Fume Extraction Torches

In practice, many tasks can't be done with a fixed extraction device. This is often the case when you have different welding jobs on large work pieces without a clearly defined work place. In these cases, the use of our extraction torch together with the mobile extraction unit is the preferred option.

TBi Industries present you a considerable variety of torches. Therefore, you can always find the right torch type for you regarding capacity and size of the torch.



TBi 7W E2