

*The air purifiers*

# dustoo basic version



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## Description

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## TEKA Dustoo – Mobile High-Vacuum Extraction Unit (Base Version incl. Hose, 5m + Round Nozzle)

### Maximum Efficiency in Welding Fume Extraction – Compact, Powerful & Mobile

The **TEKA Dustoo** is the ideal solution for businesses that require a reliable and powerful extraction system for welding fumes and fine dust. This mobile high-vacuum extraction unit is specifically designed for use with welding torches that have integrated extraction. Thanks to its compact design and robust construction, it is perfect for workshops, production facilities, and industrial applications.

With a **stepless speed control**, the suction power can be precisely adjusted to specific requirements. The **two high-pressure turbines** ensure strong extraction performance, while the integrated cartridge filter system operates on the principle of **surface filtration**. This means that dust particles accumulate on the filter cartridge rather than penetrating the material, significantly extending the filter's service life.

Another highlight is the **automatic filter cleaning**, which minimizes maintenance effort and maximizes the efficiency of the extraction unit. The collected dust is stored in a practical dust collection tray, allowing for easy and clean disposal.

### Why Choose TEKA Dustoo? – Your Benefits at a Glance

- **High Extraction Performance** – Two powerful high-pressure turbines enable an air volume flow of up to 340 m<sup>3</sup>/h.
- **Individually Adjustable** – Stepless speed control via potentiometer for precise adjustment.
- **Efficient Surface Filtration** – Prevents particles from penetrating the filter material and extends filter life.
- **Automatic Filter Monitoring** – Indicates when a filter change is required at a certain pressure level.
- **Easy Dust Disposal** – Collected dust can be quickly and conveniently emptied from the dust collection tray.
- **Compact and Mobile** – Portable and wheeled design for maximum workplace flexibility.
- **Robust Design** – Housing made of sturdy steel sheet with durable powder coating.
- **Low Noise Operation** – At only 74 dB(A), relatively quiet for a powerful high-vacuum extraction unit.

### Scope of Delivery & Commissioning

The **TEKA Dustoo** is delivered **plug-and-play** and is ready for immediate use. The scope of delivery includes:

- TEKA Dustoo High-Vacuum Extraction Unit (Base Version)
- Flexible Suction Hose (5m length)
- Round Nozzle for Precise Extraction
- Cold Device Cable

### Who is TEKA Dustoo Suitable For?

- **Welding shops and workshops** requiring a flexible and powerful extraction solution.
- **Metal processing companies** looking to protect their workplaces from fine dust and welding fumes.
- **Industry & Craft** to comply with workplace safety regulations.
- **Vehicle construction, mechanical engineering, and metal structures** where welding is a daily task.

### Order Now & Ensure Clean Air in the Workplace!

**Top TEKA Quality** – Developed and manufactured by TEKA Extraction and Disposal Technology GmbH, your expert for professional extraction technology.

**Fast Delivery** – Directly from Germany.

## Properties

Blower type:	Kohleläufer
Intake manifold (mm):	2x NW 50
Main filter quantity:	1
Volumetric flow (m <sup>3</sup> /h):	340

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**Properties**

<b>max. pressure (Pa):</b>	20.000
<b>Engine power (kW):</b>	1,6
<b>Supply voltage (V):</b>	230
<b>Connection frequency (Hz):</b>	50
<b>Current consumption (A):</b>	6,8
<b>Current type:</b>	1PH+N+PE
<b>Filter class:</b>	Filterpatrone: D: 218 mm: Länge: 305 mm mit PTFE Membran
<b>Length (mm):</b>	305
<b>Sound level (dB(A)):</b>	74
<b>Weight (kg):</b>	25
<b>Width (mm):</b>	330
<b>Depth (mm):</b>	340
<b>Height (mm):</b>	875
<b>Colour:</b>	RAL 7016