



Operating instructions

(Translation of the original operating instructions)

Work surface attachment for the TEKA filter unit „filtoo“ / „AirToo“





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1 Description of the system elements / Technical data



Pos.1	Rear panel
Pos.2	Side panel
Pos.3	Perforated plate
Pos.4	Application point for the earth of the welding apparatus
Pos.5	Handle to fold up the work surface
Pos.6	TEKA filter unit „filtoo“ / „AirToo“
Supporting surface	approx. 1100 x 700 mm
Bearing capacity of the supporting surface	max. 30 kg <i>(remove all material from the supporting surface before moving the filter unit)</i>

2 Preface

Congratulations on purchasing the filter system from TEKA.

Please observe the following for a successful use of the filter system:



Please read these instructions before operating the system, and observe the safety precautions to avoid injury!

Store this manual in a safe place! These instructions are to be regarded as a component of the product!

Adhere to all product notes!

Observe the manufacturer's instructions. Contact the manufacturer in case of any uncertainty.

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We thank you for your confidence in us and wish you every success.

3 Intended use

The work surface attachment - mounted to the filter unit „filtoo“ / „AirToo“ - serves as a support for workpieces that are ground or welded. The dust or smoke particles produced during the processing can be extracted at the same time by the filter unit „filtoo“ / „AirToo“. The extraction of the particles takes place through the perforated plate of the supporting surface.



Improper use of the work surface attachment can damage parts of it and may result in health hazards!

The work surface attachment must only be used in conjunction with the filter unit „filtoo“ / „AirToo“ and the dust pre-separator "STAVO". Please also note the intended use of the filter unit „filtoo“ / „AirToo“. Also refer to the indications concerning the bearing capacity of the device in the technical data (see chapter 1).

4 Safety instructions / foreseeable misuse

The work surface attachment is designed according to the state of the art and the recognised safety regulations. Nevertheless, its use may create health hazards. Therefore, read and follow the safety instructions before using the product.



Do not use the work surface attachment if any components are defective, missing or damaged. Please also note the safety instructions of the filter unit „filtoo“ / „AirToo“. A defective condition of the unit may lead to health hazards.

Check the orderly condition of the system before switching on. Please refer to the information in this manual.

5 Commissioning



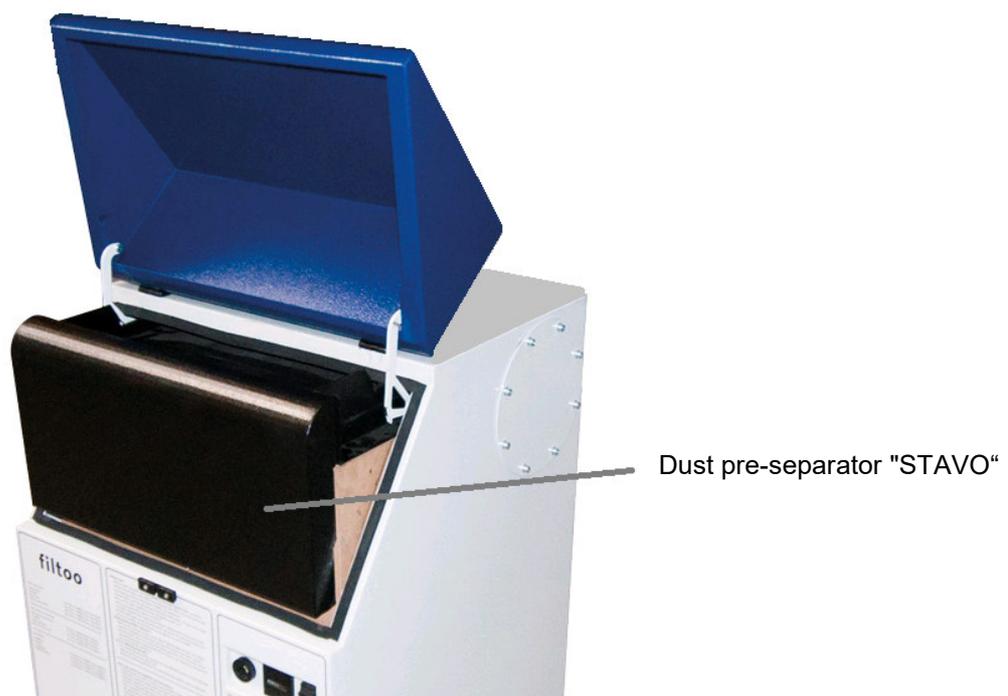
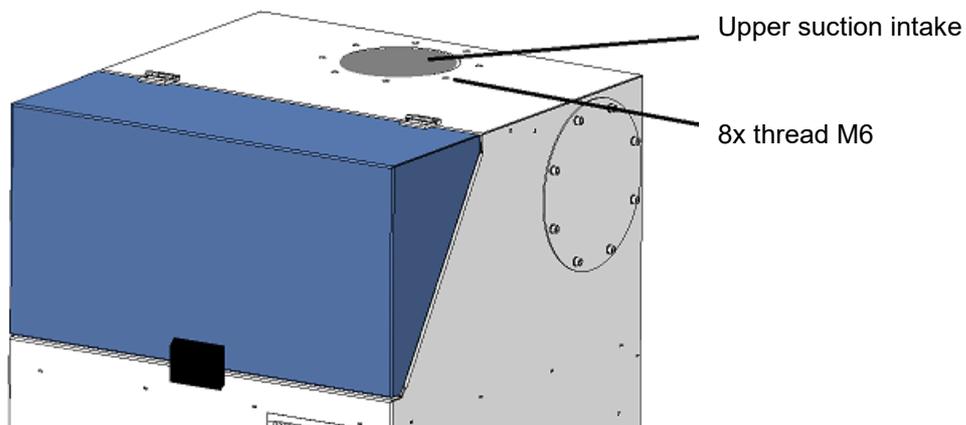
WARNING A start-up of the system in an inappropriate condition can lead to dangers to limb.

Before the system start-up the commissioning measures described in this chapter must be completed.

5.1 Preparing the „filtoo“ / „AirToo“

In order to correctly mount the work surface attachment, the upper suction intake at the „filtoo“ / „AirToo“ must be open which means that the intake must not be closed with a cover plate. The 8 threads M6 will be needed later for the mounting of the work surface attachment.

Make sure that the facility for the dust pre-separator "STAVO" is installed in the filter section of the „filtoo“ / „AirToo“.

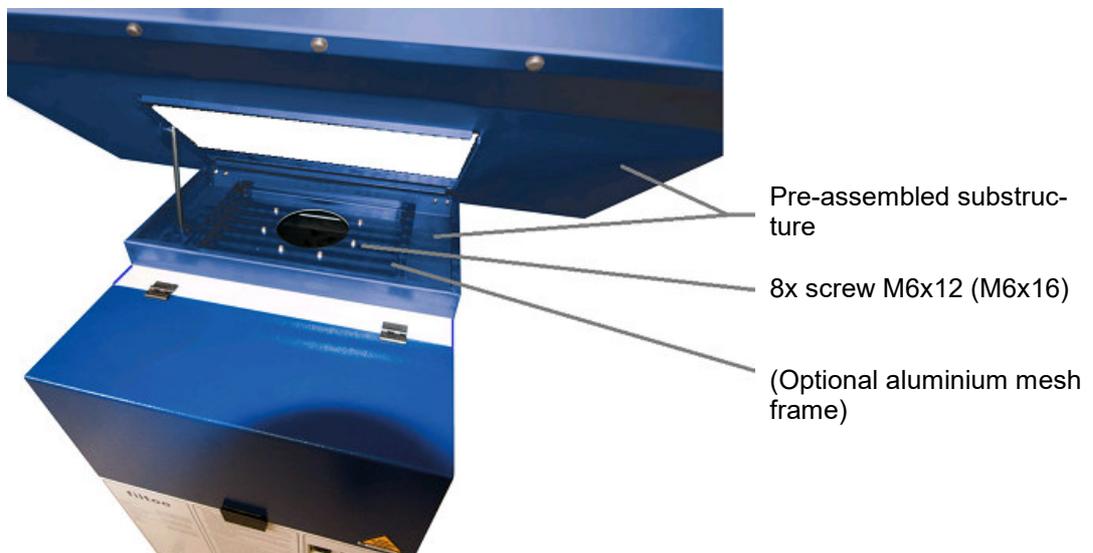


5.2 Mounting the substructure

The substructure is delivered as a pre-assembled unit. Attach the substructure on the „filtoo“ / „AirToo“ by using the 8 screws M6x12 and the 8 threads of the „filtoo“ / „AirToo“. Please find the mounting position in the figure.

NOTICE The work surface attachment can optionally be equipped with an additional aluminium mesh filter.

In this case the frame of the aluminium mesh filter must be mounted during the assembly. Therefore, use the 8 longer screws M6x16.



5.3 Optional aluminium mesh filter

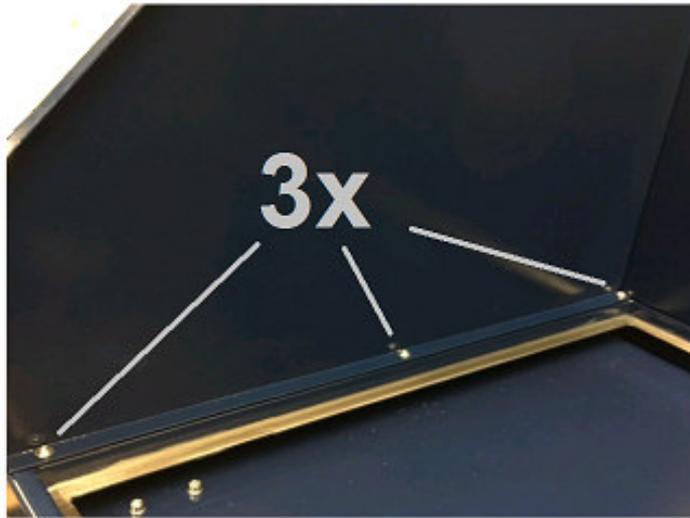
NOTICE The work surface attachment can optionally be equipped with an additional aluminium mesh filter.

In this case fold up the work surface and insert the aluminium mesh filter into the frame.



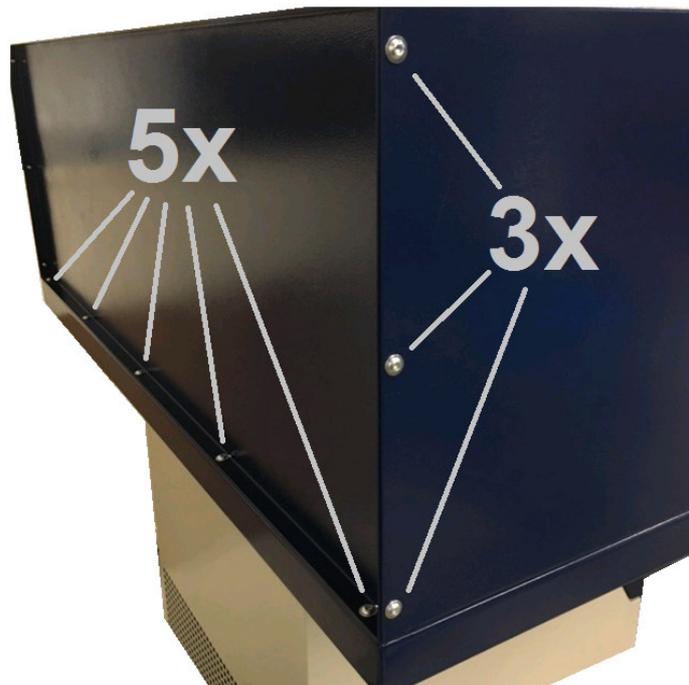
5.4 Mounting the side panels

Mount the side panels with 3 screws M6x12 each on the attachment.



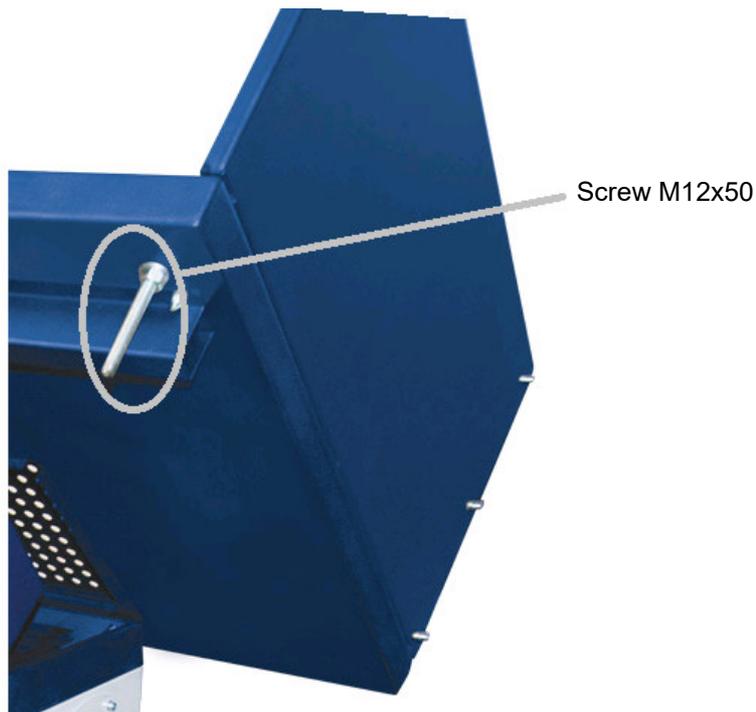
5.5 Mounting the rear panel

Mount the rear panel with 5 screws M6x12 on the attachment. In addition, the rear panel must be attached on both sides with 3 screws M6x12 each to the side panels.



5.6 Mounting the screw M12x50

Mount the screw M12x50 to the bore intended for this purpose. Please find the mounting position of the screw in the figure. The screw can be used as an application point for the earth of the welding apparatus in case of later welding applications.



5.7 Inserting the perforated plate

Insert the perforated plate into the device.



6 Maintenance

The device must be cleaned occasionally due to the deposit of coarse dust particles. The cleaning interval depends on the respective operating conditions and can therefore not be determined beforehand.



WARNING Work on the open system entails the risk of accidental restart the system. This poses a danger to limb.

When cleaning and servicing equipment during the replacement of parts, the filter unit must be disconnected from the power supply and secured against restart.

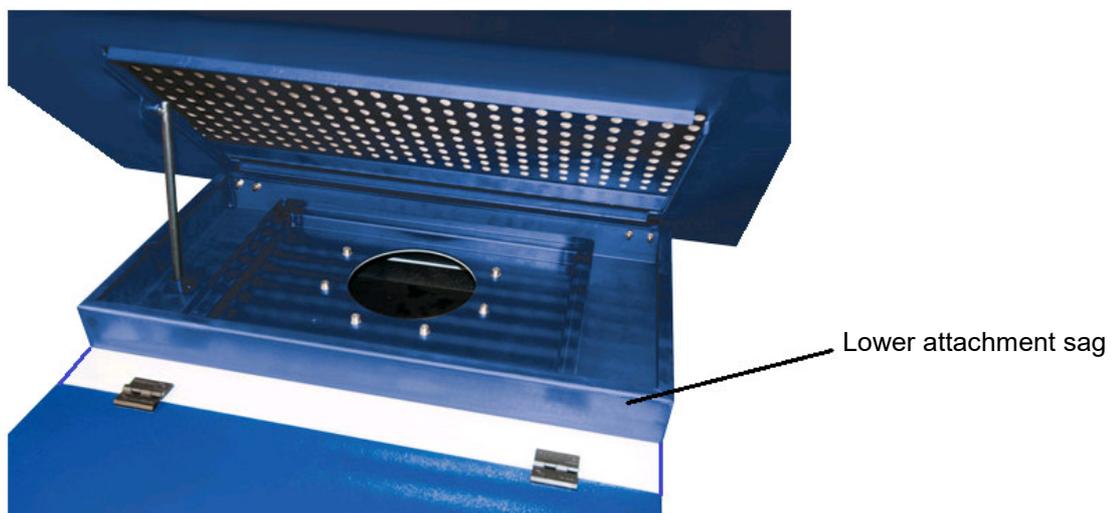
6.1 Cleaning the upper attachment sag

Remove the perforated plate. Clean the inside of the upper attachment sag, for example with an industrial vacuum cleaner or a suitable cloth.



6.2 Cleaning the lower attachment sag

Fold the work surface upwards. Clean the inside of the lower attachment sag, for example with an industrial vacuum cleaner or a suitable cloth.



6.3 Cleaning / replacing the optional aluminium mesh filter

NOTICE If your work surface attachment is equipped with an optional aluminium mesh filter, this must be cleaned occasionally as well.

The cleaning interval depends on the respective operating conditions and can therefore not be determined beforehand.

Fold the work surface upwards and remove the aluminium mesh filter. It can now be cleaned with a steam ejector and optionally with a suitable cleaning agent added.

CAUTION When cleaning with a steam ejector or another humid cleaning method the aluminium mesh filter must not be reinserted while being humid.

The aluminium mesh filter must be kept out to dry for at least one week.

If the aluminium mesh filter is saturated in a way that the extraction capacity of the filter unit is affected even after a cleaning of the aluminium mesh filter, the aluminium mesh filter must be replaced (see spare part list). Remove the aluminium mesh filter from the device and insert the new aluminium mesh filter.

NOTICE Only use TEKA spare filters!



6.4 Replacing the filter at the filter unit „filtoo“ / „AirToo“

If a replacement of the filter at the filter unit „filtoo“ / „AirToo“ is necessary, fold the work surface upwards to be able to open the service door of the „filtoo“ / „AirToo“.



7 Spare part list

Description:

Expansion set for Aluminium mesh filter
(1x Aluminium mesh frame, 1x Aluminium mesh filter 400x288x15, 10 layers)

Aluminium mesh filter 400x288x15, 10 layers

Article n°:

978018

978017