



English



NEW

## Dust control units

400V-series



**DEHACO**

*DEHACO. The best equipment for a new beginning...*







## Dehaco Tera 400V series

# Champions in dust control

Using a dust control unit is the perfect solution for quickly collecting dust during demolition and renovation activities. The technology is based on a targeted distribution of fine water spray to which dust particles adhere.

### Low maintenance Demto-Rotor®

The Demto-Rotor® used from the Tera 15 onwards is also standard on the 400V series and does away with the disadvantages of conventional nozzles, such as clogging due to limescale particles and dirt in the water. Lime particles cannot settle in the Demto-Rotor® nozzle.



### Applications

The applications vary, the most well-known being dust control in demolition and renovation work. They are also used in post-fire extinguishing to prevent the release of asbestos particles, in recycling, in the transshipment of bulk goods or in waste processing for the benefit of odour control.

### All-in-one solution Tera GT series

Are you looking for an all-in-one solution, a completely independent machine that is able to work under all conditions? If so, we heartily recommend our Tera 60 GT series!

The GT series is independent of power and water supply. If required, the machine can be connected to the local water supply.

The Tera 60 GT series is available in three versions:

#### GTM

Generator, Tank and Mobile all terrain undercarriage

#### GTX

Just as complete as the GTM, only without the all terrain undercarriage.

#### TX

Same as the GTX, except that this type is supplied without the all terrain undercarriage and without a Dehaco generator. However, you can use a generator of your own to make the unit fully self supporting.

# Tera 60 Dust control units



## Mounting standard



421 kg



lxbxh  
1541x1071x1422 mm

## Skid



707 kg



lxbxh  
1800x1400x2397 mm



### Improved airflow

More efficient, less power consumption and better throw

### Electric height adjustment

Standard

### Improved performance

### Raised frame

### Improved electrical box

Better resistance to high temperatures

### Skid

Easier to transport and attach machines



### Suitable for fixed installations

Indoor and outdoor

### Free-standing electrical box

The Tera can be controlled from a remote location





### Combi Skid

1577 kg  
lxbxh  
2500x1990x2397 mm



### GTM

2385 kg  
lxbxh  
4370x2250x2410mm



### GTX

2150 kg  
lxbxh  
3020x2250x2100mm



### TX

1575 kg  
lxbxh  
3020x2250x1574mm

#### Technical specifications

#### TERA 60

Maximum throw at position 3 "Power Boost"	mtr	60
Maximum throw at position 2 "Eco-Boost" / 1 "Eco"	mtr	55 /45
Water consumption	ltr	0 - 4500
Optimal water supply pressure (min-max)	bar	3,0 (0,1 - 6,0)
<b>Water connection</b>		Storz C52
Power consumption at position 3 "Power Boost"	kW	12,0 (500 ltr/h) 16,0 (4500 ltr/h)
Power consumption at position 2 "Eco Boost"	kW	8,0 (500 ltr/h) 12,0 (4500 ltr/h)
Power consumption at position 1 "Eco"	kW	6,0 (500 ltr/h) 10,0 (4500 ltr/h)
Required voltage	V	400
Required amperage	A	32
Rotation adjustment		0 - 335°
Height adjustment angle (+50°/-25°)		75°
Demto-Rotor® Technology		●
Electrical rotation adjustment (swivel adjustment included)		●
Electrical height adjustment		●
Control panel made with switches		●
Water consumption gauge (throttling valve included)		●
Remote control		○
UVC water disinfection system		○
Cable 25 metres 32A		○



### Generator

The powerful FG Wilson generator is equipped with a Perkins engine. This engine has low fuel consumption and maintenance intervals of 500 hours.

Global support and designed to operate in ambient temperatures up to 55°C.

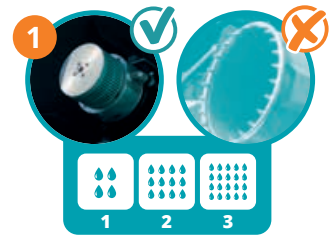
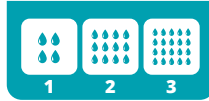
Power 25kVA / 20kW

- Standard
- Option
- Not possible

### 1 Demto-Rotor® Technology

The Demto-Rotor® makes it possible to adjust water consumption as well as drop size:

- Position 1: Coarse drop size
- Position 2: Medium drop size
- Position 3: Fine drop size



### 2 Electrical height adjustment

The Tera is made with an electrical height adjustment from +50 to -25°.

### 3 Transport lock

This lock ensures a stable construction between cone and frame, as a result of which rotation is no longer possible during transport.

### 4 Electrical rotation

The Tera is made with electrical rotation (335°). The swivel angle for automatic rotation can be easily adjusted via the control panel.

### 5 Crane hooks

The Tera is provided with four crane hooks mounted on the undercarriage.

### 6 Fork holes

### 7 Adjustable support legs

### 8 Cone

The cone ensures an ideal air flow and speed, resulting in an optimal performance. Thanks to the construction of the Demto-Rotor®, all spray is thrown out from the centre of the cone.

### 9 Double axle all terrain undercarriage

### 10 Step

### 11 Smart Fan

The fan was specially developed for the Tera series and perfectly fits the cone.

Thanks to the three positions, the correct throw can be set at all times while performing the work:

- Position 1: ECO
- Position 2: ECO BOOST
- Position 3: POWER BOOST

In the lower positions "ECO" and/or "ECO BOOST", the power consumption is 20 to 40% lower.

Noise is reduced by means of special strips applied on the fan blades.





## 12 Control panel

Lockable control panel with switches for all functions.

## 13 Dehaco ECO Power generator

The powerful FG Wilson generator is recessed in the frame. With a capacity of 25 kVA, 400 V, 50 Hz, this generator is excellently suitable to allow the Tera 60 to run at full power.

## 14 2200 litre water tank

Tank made of galvanised steel with a 2200 litre capacity. Provided with manhole for water inlet including receptacle screen, a floater at the water filling point and a lift pump.

## 15 Drain tap water (2x)

The two water drain points are positioned next to each other to be able to store the entire machine free from frost.

## Optioneel

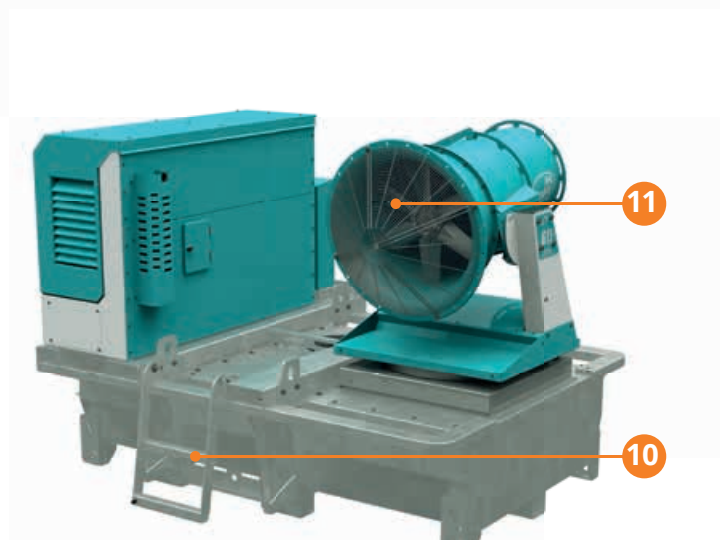
### Remote control

All models can be combined with a remote control allowing the most important features to be operated from a distance.



### UVC6000 water decontamination system for Tera 60

Dit systeem is een beheersmodule tegen mogelijke bacteriën in het water, zoals legionella. Het systeem is voorzien van een UV-lamp en een bedieningspaneel waar men alle benodigde informatie kan aflezen.





# Dehaco Products



**Hydraulic Attachments**



**Dust control products**



**Safety Products**

Please contact your dealer for more information:



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