The quietest dust controller in the world – Manual Version

The V12s Basic is – like the V12s main model – a real all-rounder: thanks to its low noise emission, it can be used in city centers and inhabited areas without any problems. The turbine has two speed levels, which makes it possible to spray the fine water mist at ranges of 25 to over 65 meters. It is compact, easy to transport and extremely flexible in use, such as the main model of the V12s – only with manual swing and tilting adjustment.

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WHAT MAKES THE V12S BASIC UNIQUE:

- The V12s Basic is very flexible and versatile in use, as it is low-noise and has different throwing distances.
- The compact size of the turbine facilitates transport and repositioning.
- With a noise emission of 60/63 db(A), the V12s Basic is the quietest dust controller in the world.
- It is available both on a undercarriage and on a pallet,
- and offers many other options for complete personalization of the machine (such as heating, submersible pump, electric swing, remote control, etc.).

TYPICAL APPLICATIONS

The V12s Basic is ideal for work in city centers or areas where the noise level needs to be kept low, industry, demolition, all types of opencast mining, recycling plants, material storage, loading facilities, landfills and wood processing.

ELECTRICAL CHARACTERISTICS

Nominal voltage	V	400
Frequency	Hz	50
Nominal current	A	32
Power connection	A	5x32
Nominal power – turbine	kW	3* / 11
Nominal power – pump	kW	4

SIZE

Length (on machine carrier)	mm	1,700
Width (on machine carrier)	mm	1,145
Height (on machine carrier)	mm	1,985
Length without steering (undercarriage)	mm	2,255
Length with steering (undercarriage)	mm	2,710
Width (on undercarriage)	mm	1,795
Height (on undercarriage)	mm	2,150

WEIGHT

On machine carrier	kg	600
On undercarriage with front wheel	kg	660

VARIOUS

Operating temperature	°C	0° to +30°
with cooling and heating	°C	-10° to +40°
Turbine tilt	°	0° to +50°
Swing (manual)	°	360°
Throwing distance (up to)	m	25 – 35* / 50 – 65
Sound pressure level LA	db(A)	60* / 63 at 20 m

WATER

Water flow	l/min	110
Water supply pressure	bar	2 – 5
Water filter		49 µm / 100 mesh
Water connection – 2 inches		Camlock
optional		"C" Storz
optional		UNI 45

ARRANGEMENT OF NOZZLES

Nozzle head, external ring	pcs.	12
Nozzle head, internal ring	pcs.	18

* AT REDUCED SPEED