

The quietest dust controller in the world

The specially developed turbine is particularly quiet with a noise emission of 60/63 dB(A) within a radius of 20 meters. The turbine has two levels of speed, so it is flexible enough to spray fine water mist from 25 to 65 meters. Thanks to a sophisticated valve technology, the amount of water can be controlled by remote control on three different levels. Water flow is 16 – 100 l/min.



WHAT MAKES THE V12S UNIQUE:

- › The V12s is compact (facilitates transport) and impresses with its quick pivoting.
- › Two different speed levels: the custom engine for the V12s can run at 3kW (range: up to 35m) and at 11kW (range: up to 65 m)
- › Easily accessible and quick to clean water filter
- › Available as well as All in One Solution (incl. generator and water tank)

TYPICAL APPLICATION AREAS

Ideal for work in city centers or areas where noise levels must be kept to a minimum, industrial uses, demolition, all types of open-pit operations, 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	1,820
Width (on machine carrier)	mm	1,145
Height (on machine carrier)	mm	1,885
Length without steering (undercarriage)	mm	2,225
Length with steering (undercarriage)	mm	2,885
Width (on undercarriage)	mm	1,795
Height (on undercarriage)	mm	2,035

WEIGHT

On machine carrier	kg	600
On undercarriage with front wheel	kg	660
Weight of machine only	kg	450

VARIOUS

Operating temperature	°C	0° to +30°
with cooling and heating	°C	-10° to +40°
Turbine tilt	°	-18° to +40°
Swing (automatic)	°	350°
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	16 – 100
Water supply pressure	bar	2 – 5
Water filter		125 µm / 120 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