



ODOR CONTROLLER

**V1250**

The first pure odor-binding machine on the market

**EmiControls.** We protect people around the world from emissions and fire.

At EmiControls, we offer custom-made solutions to fight fires, dust and odors – with the help of water mist. Thanks to their larger water surface, small drops of water achieve a far better effect than conventional measures.

Our in-depth know-how in mechanical engineering and, above all, in water atomization, has enabled unprecedented results in a wide variety of areas.

Safety in **firefighting** – whether for emergency services or structure – can be greatly increased thanks to water mist. It quickly deprives fires of energy and substantially increases the cooling effect.

In **dust control**, the fine drops of water combine with the dust particles, thus bringing them to the ground. The proper distribution of the drops is essential for optimal dust retention – and this we have perfected at EmiControls.

**Odor control** is already successfully used in composting and recycling plants. Water mist is combined with a natural additive that neutralizes odors.



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## V1250

### The first pure odor-binding machine on the market

V12so stands for a turbine that has been specially developed to combat odor. The nozzles produce a fine water mist which is distributed over a large area by means of a turbine. The dosing system mixes substances that avoid unpleasant odors. With a casting distance of 50 meters, disturbing odors can also be bound to large-scale plants.

Unlike other solutions available on the market (like biological filters, scrubber, Exhaust systems, etc.) the operating costs of the V12so are extremely low.

#### WHAT MAKES THE V1250 UNIQUE:

- › The neutralization of odors occurs via the introduction of the smallest chemical constituents, which enclose the smelly molecules, bring them to the ground and disintegrate them there
- › The V12so is characterized by low water consumption and high efficiency
- › The turbine is particularly quiet at 63 dB(A)

#### TYPICAL APPLICATION AREAS

Wherever unpleasant odors arise; for example in recycling yards, composting plants or landfills



## V1250 **ODOR** TECHNICAL SPECIFICATIONS

#### ELECTRICAL CHARACTERISTICS

Nominal voltage	V	400
Frequency	Hz	50
Rated current	A	23
Power connection	A	5x32
Turbine engine power	kW	11
Pump motor power	kW	0.75

#### SIZE

Length (on machine carrier)	mm	1,650
Width (on machine carrier)	mm	1,200
Height (on machine carrier)	mm	2,370
Length without steering (undercarriage)	mm	1,860
Length with steering (undercarriage)	mm	2,360
Width (at undercarriage)	mm	1,900
Height (at undercarriage)	mm	2,400

#### WEIGHT

On machine carrier	kg	470
On undercarriage without front wheel	kg	510
On undercarriage with front wheel	kg	550
Weight machine only	kg	390

#### VARIOUS

Operating temperature	°C	-5° to +45°
Turbine tilt	°	0° to +52°
Max. swivel angle	°	360°
Throwing distance (up to)	m	30-50
Sound pressure level LA	db(A)	63/60 at 20m
Tank additive	l	30

#### WATER

Water supply pressure (min.)	bar	3
Water filter	µm / 12,000mesh	
Water connection - 3/4 inch	GEKA®	
Working pressure	bar	70

#### ARRANGEMENT OF NOZZLES

Nozzle ring, nozzle 80µm	pcs.	12
Water flow	l/min	4