



# RN7AS Antifreeze Tower

## GENER WIND MACHINE - VOLVO V1

OPTIMAL PROTECTION AREA > UP TO 7.5 HECTARES



### \* TOWER > GENER WIND MACHINE

LENGTH / DIAMETER	10.50 metres / Ø 51 cm
WEIGHT	1300 Kg
MATERIAL	8 mm Galvanised Steel
VIBRATION SENSOR	Integrated
ANEMOMETER	Standard > Better protection against wind gusts
SOLAR PANEL	Standard > For maintenance purposes, recharge the battery when the panel is not used
ACCESS	Trap doors for transmission maintenance
DECCELERATORS	SUPERIOR: rotation completes in 4m30s INFERIOR: centrifuge clutch - 10-inch diameter
* WARRANTY	10 years (except for the clutch)



### \* TWO-BLADE PROPELLER > GENER WIND MACHINE

MATERIAL	Composite fibreglass materials
MODELLING	In a 3D virtual environment
STABILITY	Dynamic balance for oscillations
PROPELLER LENGTH	6 metres
ROTATIONAL SPEED	585 rot/min



### \* ENCLOSURE > GENER WIND MACHINE

ACCESS	Easy access on all sides of the engine via 4 doors and a security locking system
MATERIAL	Galvanised sheet-metal, thickness between 1.5 and 3 mm
PAINTING	Powder coating via electrostatic spraying
RESISTANCE	<b>extreme conditions</b>
TANK	740 litres, located under the engine. Locked against vandalism
OPTION	Connected alarm (SMS) + siren



### \* ENGINE > VOLVO PENTA TAD541-VE

ENGINE	4 cylinders - 5.0 litres / electronic control / Liquid cooling
INJECTION	Direct Injection - Diesel Common Rail
TORQUE	810 Nm / 1800-2200 rotations per minute
POWER	constant: <b>V1 &gt; 175 HP</b> (129 KW)
CONSUMPTION	26 l/h
COUNTRY OF ORIGIN	Made in France, Lyon

### \* OPERATION SYSTEM > DEEPSEA



START / STOP	Automatic / The user adjusts the starting temperature
LCD screen	Parameter control while the engine is running User interface in French
TEMPERATURE SENSORS	<b>Lower</b> , at the ground level + <b>Upper</b> , in the upper part of the tower
TRACING / CONTROL	Remote diagnosis via smartphone or PC (SIM card subscription)

[WWW.WIND-MACHINE.COM](http://WWW.WIND-MACHINE.COM)