

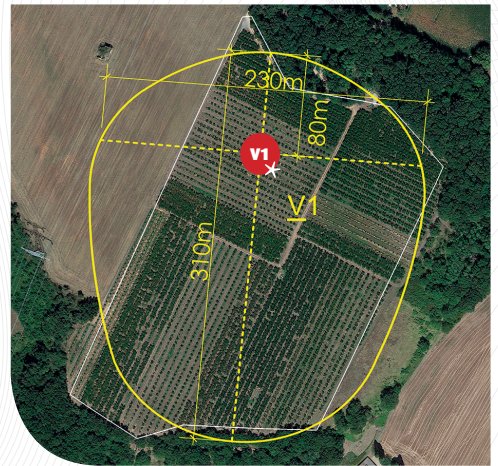


**WIND-MACHINE.COM**

RN7AS Group

# Fixed Antifreeze Tower

## V1-V1F Folding



PROTECTION ZONE

7,5 ha

5

4

3,5

3

1,5

V1 F - Folding Tower

**VOLVO PENTA** **V1**  
**V1F**

**ENGINE > VOLVO PENTA**

**DIESEL 175 HP** (129 KW)

TAD541-VE - 4 cylinders - 5.0 litres.

**TORQUE / POWER > 810 Nm/1800-2200 Tpm**

**INJECTION > Direct - Diesel Common Rail.**

Electronic control / Liquid cooling.

**TANK > 740 litres** (under the engine)

Locked against vandalism.

**CONSUMPTION: > 26 l/h.**

Made in France.

### TOWER

8 mm Galvanised Steel >

**ACCESS >**

**LENGTH > 10,50 metres**

**DIAMETER > Ø 51 cm - WEIGHT > 1300 Kg**

**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).

**DECELERATORS >**

**SUPERIOR:** rotation completes in 4m30s

**INFERIOR:** centrifuge clutch - 10-inch diameter.

**WARRANTY >**

**10 years** (except for the clutch).

### 2 or 4 BLADE PROPELLER

Carbon fiber >

**ROTATIONAL SPEED >**

**LENGTH > From 5.40 to 5.70 metres.**

585 rot/min.

**MODELLING >**

In a 3D virtual environment.

**STABILITY >**

Dynamic balance for oscillations.

**4 BLADE PROPELLERS >**

**- 50 % NOISE POLLUTION**

### ENCLOSURE

Galvanised sheet-metal 1,5 - 3 mm

**RESISTANCE >**

**ACCESS > Easy access on all sides of the engine**  
via 4 doors and a **security locking system.**

**Extreme conditions.**

**OPTION >**

Connected alarm (SMS) + siren.

### OPERATION SYSTEM

**DEEPEA**

**START / STOP >**

Automatic.

The user adjusts the starting temperature.

**LCD SCREEN >**

Parameter control while the engine is running.

**TEMPERATURE SENSORS >**

**Lower,** at the ground level

**+ Upper,** in the upper part of the tower

Remote diagnosis via smartphone or PC  
(SIM card subscription).

**TRACING / CONTROL >**



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\* Theoretical layout under the influence of air mass, with positive thermal inversion, air humidity of 75%, non-dry soils, without winds, with sufficient heating, within the limit of a white frost of -2.5°C. This document has only an indicative and non-contractual informative value, not engaging the responsibility of RN7AS, nor the results obtained. 2022-07 / UK - FD