



Protection
up to
6.5 ha

FIXED
K10
10,60 METERS



● PROPELLER

V Blade Type

Composition : High-strength fiberglass monoblock

Length: 5.60 metres

Rotation: 560 Rpm (Optimal motor power)

Volume of air produced: 109 000 m³/min.

Propeller drive shaft inclination: 6°

● TOWER | TUBE

Height: 10.60 metres

Construction type: Cylindrical

Diameter: Ø 510 mm

Material thickness: 8 mm

Material type: Galvanised steel

Paint properties: Galvanised immersion

● TRANSMISSION

Training line: Two-part

Balancing: Dynamic for vibration-free operation

Maintenance: Access hatch

Clutch: Centrifugal

● CASES

Gearbox (Tower base): Reduction ratio 2.25

Gearbox (top of tower): Reduction ratio 1.2

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● MOTOR > VOLVO PENTA

VOLVO - TAD 541

Type : Tier III / Electronic control

Cylinders: 4 / 5.13 litres

Power: 129 kW / 175 hp

Nominal speed: 2200 rpm

Maximum torque: 810 Nm

Fuel: Diesel / Engine compatible with clean fuels HVO - B100

Consumption: between 18 and 20 litres/hour

Tank: 400 litres

● MONITORING/CONTROL (Compliant with Directive 4.0)

Application : AGROFROST Climate Solution

Automatic start: Standard

Remote control: via computer or smartphone

Temperature probes:

- Low for autostart
- High for measuring the temperature of the inversion layer

Safety: Anemometer / Vibration sensor / Flash lamp / Alarm (optional)

Solar panel: 24 volts / 215 W / 10 A

● TOWER BASE / FIXING

Thickness of sheet metal where the tower is connected: 30 mm

Number of connecting screws: 4

Bolt diameter: Ø M27