

Used & Refurbished Wind Turbine for sale

Unlocking the full value of the clean energy transition for our partners



WIND TURBINE

**ECOTECNIA
ECO 44**

POWER

600 kW

TOWER

45HH
Tubular Steel Tower

ROTOR

44 m



Technical Data

Blades:	3
Type:	Fixed pitch
Diameter:	44 m
Turning speed:	26.9 r.p.m . On: 4 m/s
Disengagement:	25 m/s
Multiplier:	Parallel shaft gearbox
Stages:	3
Generators:	2 three-phase induction generators
Number of poles:	4
Power:	2 x 320
Rotation speed:	1.500 r.p.m.
Orientation:	Windward active
Main Brake:	Aerodynamic
Disc brake:	Directly on the hub
Tower:	Tubular
Height:	45 and 55 metres




RepowerLab is a company that specializes in circular wind energy, focusing on the principles of reuse, repurpose, and recycle. As a full-service supplier in the field of pre-owned wind turbines, RepowerLab is involved in various aspects of the wind turbine lifecycle.

Here's a breakdown of the services provided by RepowerLab:

- **Buying:** RepowerLab purchases pre-owned wind turbines that are no longer in use or are being decommissioned. This allows them to acquire turbines for refurbishment and resale.
- **Decommissioning:** RepowerLab is involved in the decommissioning process of wind turbines. This includes dismantling and removing turbines from their original location.
- **Selling:** RepowerLab sells pre-owned wind turbines that have been refurbished and brought back to operational condition. These turbines can be purchased by individuals, businesses, or organizations looking to invest in renewable energy.
- **Installation:** RepowerLab offers installation services for the wind turbines they sell. They can assist in setting up the turbines at the desired location, ensuring proper installation and functionality.

By focusing on the circular economy principles of reuse, repurpose, and recycle, RepowerLab aims to contribute to the sustainability and efficient use of wind energy resources. Their services provide an opportunity for the continued use of wind turbines and the reduction of waste in the renewable energy sector.

Your advantages

-  **Cost-effective solution:** Used or reconditioned wind turbines offer a significantly reduced initial investment compared to traditional new turbine sales, while maintaining a solid LCOE.
-  **Reduced transport costs:** Used or refurbished wind turbines of legacy models provide further cost reductions, as transport and installation are cheaper due to optimized transport concepts (e.g. containerized transport solutions).
-  **Simple and cost-effective maintenance:** Maintenance is performed using standard tools and equipment in the installation and service industries, resulting in easy and cost-effective maintenance.

