

# 74 (Ecotecnia)

## Main data

Rated power: 1670 kW  
Rotor diameter: 74 m  
Old model  
Class: IEC IIa  
Offshore model: no  
Commissioning: 2003

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 4300.8 m<sup>2</sup>  
Power density: 2.58 m<sup>2</sup>/kW  
Maximum speed: 19 rd/min  
Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 60 m  
Maximum hub height: 80 m

## Weights

Nacelle: 63 t  
Rotor + hub: 18 t  
Tower: 126 t  
Total: 207 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 94,63  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 13 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1950 rd/min  
Voltage: 690 V

