

# W5200/750 (Wind World)

## Main data

Rated power: 750 kW  
Rotor diameter: 52 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Stall  
Swept area: 2123.7 m<sup>2</sup>  
Power density: 2.83 m<sup>2</sup>/kW  
Maximum speed: 22 rd/min  
Manufacturer: LM

## Tower

## Weights

Nacelle: 26 t  
Rotor + hub: 18 t  
Tower: 65 t  
Total: 109 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 65  
Manufacturer: Jahnel Kestermann

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 13,5 m/s  
Cut-off wind speed: 20 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 690 V  
Manufacturer: ABB