

# HW50 780 kW (Hewind)

## Main data

Rated power: 780 kW  
Rotor diameter: 50 m  
Available  
Class: IEC Ia  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Stall  
Swept area: 1963.5 m<sup>2</sup>  
Power density: 2.52 m<sup>2</sup>/kW  
Maximum speed: 22 rd/min

## Tower

Minimum hub height: 50 m  
Maximum hub height: 50 m

## Weights

Nacelle: 24 t  
Rotor + hub: 24 t  
Tower: 49 t  
Total: 97 t

## Gearbox

Gearbox: yes  
Gear ratio: 70

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Voltage: 690 V