

# MD70 (Jacobs)

## Main data

Rated power: 1500 kW

Rotor diameter: 70 m

Old model

Class: IEC I/II

Offshore model: no

## Rotor

Number of blades: 3

Type: Pitch

Swept area: 3848.5 m<sup>2</sup>

Power density: 2.57 m<sup>2</sup>/kW

Maximum speed: 19 rd/min

## Tower

Minimum hub height: 65 m

Maximum hub height: 85 m

## Weights

Nacelle: 56 t

Rotor + hub: 33 t

## Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 94

## Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC DF

Number: 1

Maximum speed: 1800 rd/min

Voltage: 690 V