

	Technical description	2030462EN Rev. 00/2022-11-30
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## 4.2 Towers

Towers	TS112-00	TS142-00	TCS179-00
Hub height*	112.0 m	142.0 m	179.0 m
Tower type	Tubular steel tower		Hybrid tower
Wind class	IEC B DIBt B	IEC S	IEC S DIBt S
Surface finish	Color system coating		**

\* Includes foundation height above ground level

\*\* Steel section: Color system coating; Concrete part: Fair-faced concrete

## 4.3 Rotor and rotor blades

Rotor	
Rotor diameter	175.0 m
Swept area	24053 m <sup>2</sup>
Nominal power/area	259 W/m <sup>2</sup>
Rotor shaft inclination angle	5 °
Blade cone angle	5.5 °

Rotor blade	
Material	fiber glass and carbon fiber reinforced plastic
Total length	85.7 m

Rotor hub	
Material of the rotor hub body	Casting
Material spinner	glass-fiber reinforced plastic

## 4.4 Nacelle

Nacelle	
Support structure	welded steel structure
Cladding	glass-fiber reinforced plastic
Machine frame	Casting
Generator frame	welded steel construction