



# tower design

## wind turbine tower

The Proven wind turbine tower has been specifically designed to withstand the stresses and strains generated by the Proven wind turbine.

- Proven track record in extreme conditions
- Designed to withstand maximum side forces at turbine head height
- Supports weight of turbine head
- Minimal resonance within turbine operating frequency
- Low natural frequency of oscillation



1 Tower installation  
2 Strong tubular construction  
3 Cast base plate detailing  
4,5 Tower and turbine in situ



Model	Head weight	Max side force	Operating RPM range
WT600 (600 Watt)	70kg	2,500N	250 - 500rpm
WT2500 (2.5kW)	190kg	5,000N	75 - 350rpm
WT6000 (6kW)	539kg	10,000N	100 - 220rpm
WT15000 (15kW)	1000kg	30,000N	70 - 150rpm

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