

N1000 1MW  
Wind Turbine



Utility Scale  
Community Focus



nordicwindpower.com

Simple,  
Light-Weight Design

Low Drive  
Train Loading

Demonstrated  
Reliability

Proven  
Track Record

Low Upfront Costs

High Reliability

Low Maintenance

Predictability

## The N1000 1MW two-bladed wind turbine is your choice for lowest total cost of energy

### Proven and Innovative

Revolutionary flexible design enabled by the two-bladed system dissipates loads resulting from turbulence and wind shear without adding material and weight. Proven N1000 technology based on more than 13 years (140,000 hours) of operation with exceptional reliability and trouble-free drive train performance.

### Easy Installation and Low Maintenance:

- More straightforward site construction requirements
- Less material needed for foundation
- Use of smaller, more available crane
- Only 4 truck shipments and 3 crane picks
- Ground assembly of nacelle/blades is safer and more efficient
- Fewer components with reduced complexity
- Affordable, customer-oriented service options

### Ideally Suited for Smaller Wind Projects, Including:

- Community Wind
- On-Site Generation
- Small Wind Farms



Installing nacelle and blades in one pick.

**Advanced Weather Station**  
With superior instrumentation

**Torque Tube**  
Maintains gearbox and generator alignment

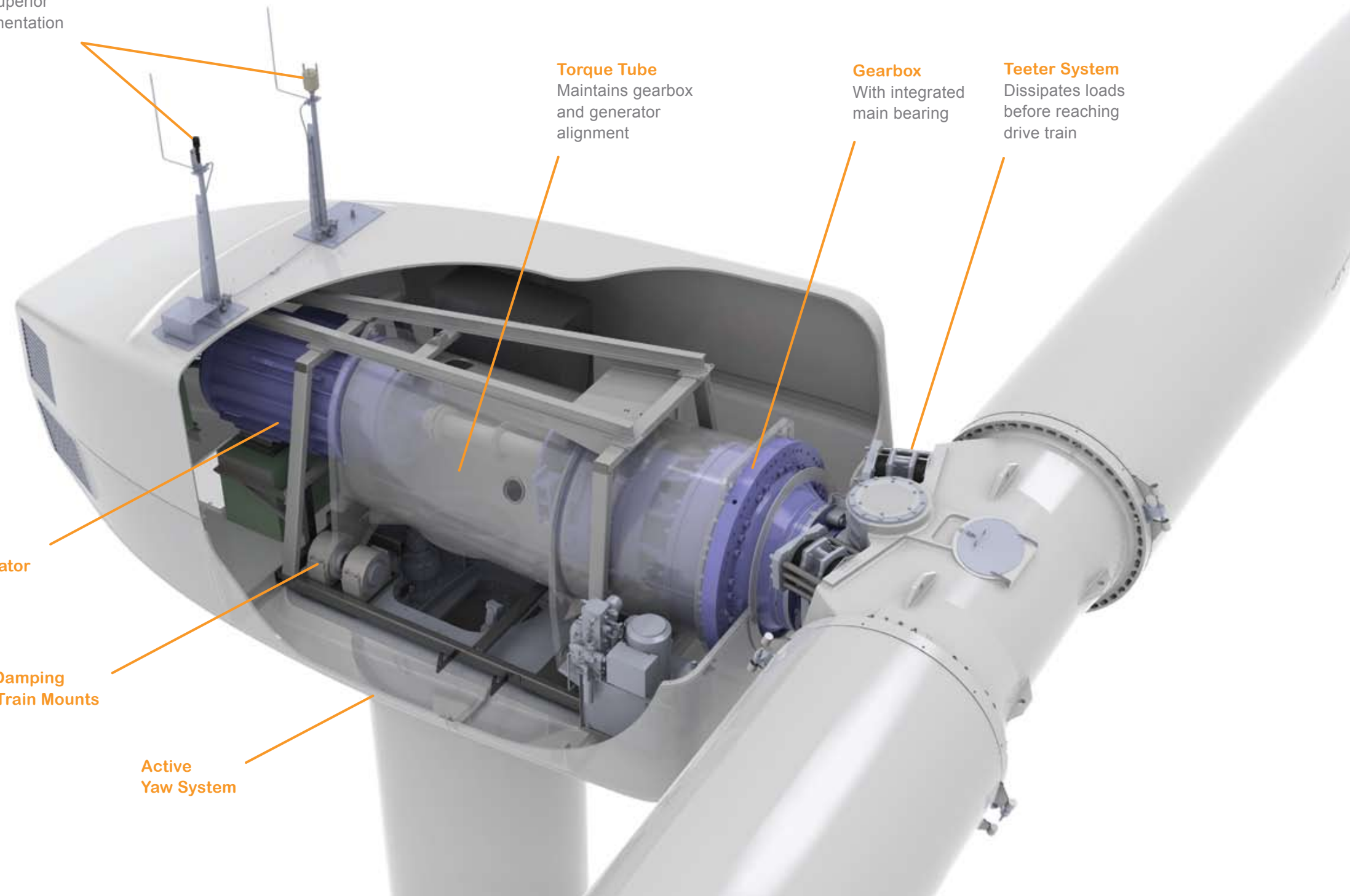
**Gearbox**  
With integrated main bearing

**Teeter System**  
Dissipates loads before reaching drive train

**Generator**

**Load Damping Drive Train Mounts**

**Active Yaw System**



## General

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Rated Power	1000 kW
Design Class	IEC Class IIIb
Rotor Diameter	59 m
Control Principle	Stall

## Gearbox

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Type	2 Planetary & 1 Stage Helical
Gear Ratio	1:81

## Generator

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Type	4-Pole Induction, Air Cooled
Voltage / Frequency	690V 50 / 60Hz

## Tower

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Hub Height	70 m
Sections	2

## Control System

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Distributed Control System	Bachmann M-1 PLC, DEIF AGC-3
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## Noise Level

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Less than 104 dB(A) at 8 m/sec

## Weights

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Nacelle/Hub	43 t
Blades (2)	4.2 t ea.
Tower	63 t

t = *metric tons*

For more detailed information, see the N1000 Specifications Sheet.



US Company, with corporate offices in Berkeley, CA,  
manufacturing in Pocatello, ID, and engineering design in Bristol, UK.

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