

# Vestas V25 – 200kW Wind Turbine For Sale

**-IMMEDIATELY AVAILABLE-**

- **Sold to: First Come - First Served!**
- **Price On Request**
- **Only Sensible Offers Considered!**
- **Dismantling & Loading truck available – Ask for price**



## Technical Specification:

**Type:** Vestas V25/200kW

**Rotor diameter:** 25m

**Generator:** 200kW & 30kW

**Power regulation:** Pitch

**Hub height:** 30m

**Frequency:** 50Hz

**Voltage:** 3 x 400V

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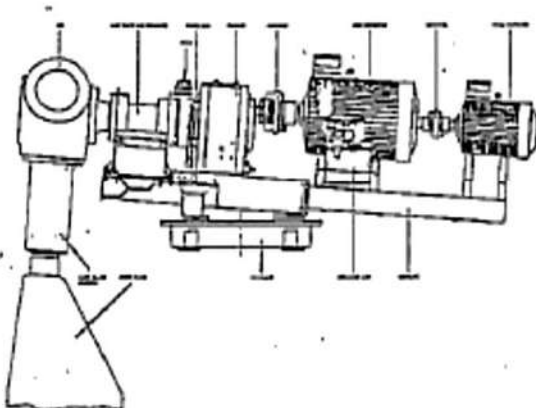


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VESTAS V-25/200 kW - GENERATORENDATEN

	HAUPT-GENERATOR	SCHWACHWIND-GENERATOR
Hersteller:	Siemens/ASEA/AEG	Siemens/ASEA/AEG
Typ/Asynchron:	355	250
effektive Abgabe kW (Spitzenwert)	200 kW	30 kW
Stromabgabe A	345 A	58 A
Spannung	400 V AC	400 V AC
Frequenz	50 Hz	50 Hz
Cos Phi	0,85	0,75
Kupplung	Dreieck	Dreieck
Isolationsklasse	F	F
Schutzklasse	IP 54	IP 54
Wicklungsschutz	PT 100	PT 100
Drehzahl	1.012 UpM	775 UpM
Wellendurchmesser	100 mm	75 mm
Phasenkompensierung montierter, reaktiver Effekt	60 kVAR	22,5 kVAR
Aufgenommener, reaktiver Effekt bei 50 Hz und Belastung		
100 %	108 kVAR	28 kVAR
75 %	85 kVAR	25 kVAR
50 %	72 kVAR	23 kVAR
25 %	63 kVAR	22 kVAR
Resultierende Cos Phi	0,93	
Resultierender Strom	310 A	



Technische Abteilung  
TA-tu

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Type	Cone-shaped, tubular tower
Accessories	Foundation section, casting template, and foundation drawings
Surface	Coated, white
Height	28.7 m
Manufacturer	Roug

<b>Generators</b>		
	<b>Large</b>	<b>Small</b>
Type	Asynchronous	Asynchronous
Output	200 kW	30 kW/36 kW
Current	345 A/287 A	58 A
Voltage	400 V AC/ 440 V AC	400 V AC/ 480 V AC
Frequency	50 HZ/60 HZ	50 HZ/60 HZ
Cos phi	0.85	0.75
Coupling	Triangle	Triangle
Insulation classification	F	F
Protection classification	IP 54	IP 54
Temperature classification	PT 100	PT 100
r.p.m.	1012 r.p.m./ 1215 r.p.m.	775 r.p.m./ 929 r.p.m.
Shaft diameter	100 mm	75 mm
Manufacturer	Siemens/ASEA/AEG or similar	

<b>Phase compensation</b>		
Installed reactive output	60 KVAr/75 KVAr	22.5 KVAr/25 KVAr
Consumed reactive output - at 50 HZ and load	100% 108/129 KVAr 75% 85/100 KVAr 50% 72/ 91 KVAr 25% 63/ 87 KVAr	28/34 KVAr 25/30 KVAr 23/27 KVAr 22/25 KVAr
Resulting Cos phi	0.93/0.96	
Resulting current	310 A/250 A	

<b>Gear</b>	
Type	Two-speed
Ratio	1.23/1.27
Nominal effect	350 kW
Oil volume	40 l
Manufacturer	FLENDER, or similar

<b>Yawing system</b>	
Type	Active yawing
Control	Windvane
Speed	1 degree/sec.

<b>Yawing motor</b>	
Type	Asynchronous braking motor
Rotation speed	1450 r.p.m./1750 r.p.m.
Nominal output	0.75 kW
Manufacturer	ASEA, or similar

<b>Yawing gear</b>	
Type	Toothed wheel/planet
Nominal moment	550 Nm
Manufacturer	BONFIGLIOLI, or similar

<b>Windvane</b>	
Type	Optoelectrical
Manufacturer	VESTAS

<b>Anemometer</b>	
Type	Optoelectrical
Manufacturer	VESTAS

<b>Hydraulic unit</b>	
Type	Gear pump
Capacity	4.5 l/min at 70 bar
Max. system pressure	50 bar
Oil volume	30 l
Manufacturer	VICKERS SYSTEMS

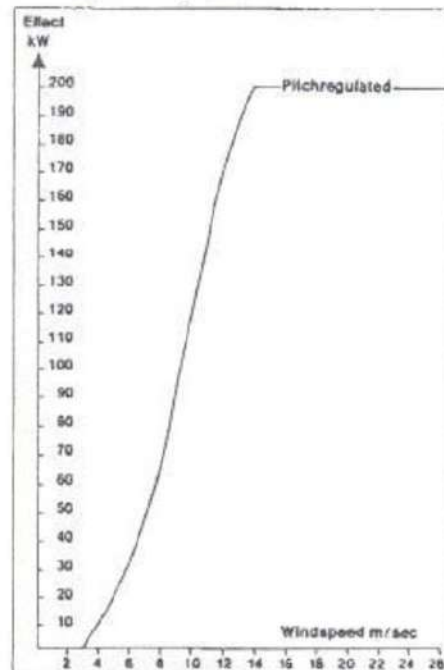
<b>Control unit</b>	
Type	Microprocessor
Manufacturer	VESTAS/ACS

<b>Weight</b>	
Tubular tower	11000 kg
Lattice tower	7000 kg
Machine	7100 kg
Rotor	3200 kg

Due to continuous product development and enhancement of VESTAS' products the above specifications are subject to change without notice.

## 10. Power curve

The below theoretical power curve is based on an air density of 1.23 kg/cu.m.



## 11. Delivery

Delivery does not include foundation, which must be vast by the purchaser, or connection to the utility grid according to the below instructions. Vestas can offer supervision at site.

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