

**Windturbineservice BV**  
**Staalwijk 2-b**  
**8251 JX Dronten**  
**Netherlands**  
**Phone: +31 321 316042**  
**[www.windturbineservice.com](http://www.windturbineservice.com)**

## Details Vestas V39-500 kW

Fully overhauled with 5-year warranty



### General data:

- ✓ Manufacturer: Vestas
- ✓ Rated power: 500 kW
- ✓ Rotor diameter: 39 m
- ✓ Maximum tip height: 59.7 m
- ✓ Offshore model: no
- ✓ Swept area: 1.195 m<sup>2</sup>
- ✓ Power density1: 418.4 W/m<sup>2</sup>
- ✓ Power density2: 2.4 m<sup>2</sup>/kW
- ✓ Number of blades: 3
- ✓ Power control: Pitch

### Rotor:

- ✓ Minimum rotor speed: 15 rd/min
- ✓ Maximum rotor speed: 30 rd/min
- ✓ Cut-in wind speed: 4 m/s
- ✓ Rated wind speed: 17 m/s
- ✓ Cut-off wind speed: 25 m/s

### Gearbox:

- ✓ Gear box: spur/planetary
- ✓ Gear ratio: 1 : 50

### Generator:

- ✓ Asynchronous
- ✓ Gridconnected: Thyristor
- ✓ Voltage: 690V

### Tower:

- ✓ Minimum hub height 40 m

### Warranty after revision:

- ✓ 10 years

### Power Curve:

