

Wikov designs, manufactures, supplies and services a full range of drive solutions for wind energy market. We offer reliable, light weight flexible pin gearboxes for the full spectrum of wind conditions – from 1 MW to 10 MW+. Our field-proven flexible pin arrangement saves significant costs and ensures high reliability of the complete drive train in your wind turbine.

Our success is based on the experience we have gained in our 130 years history, our international team of R&D specialists and our state of the art production technologies. These main pillars allow Wikov to engineer the best solution for you by maximizing functional and economical parameters of your application.

Wind Turbine Gearboxes

Reliable, Light Weight Flexible Pin Gearboxes for Wind Energy Market



Wikov Manufacturing Facility

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The Essence of Engineering

Reliable drive train solutions for all conditions, from onshore to offshore, from cold climate to hot climate, from 1 MW to 10 MW+



W2000DF – 2MW HCC/CCC version



D5000 – 5.5MW offshore



SL3000 – 3MW onshore/offshore



A5000 – 5.7MW offshore



W3000 – 3MW offshore



W2000spg – 2MW gearbox with integrated VRS unit



S3600 – 3.6MW offshore



VRS – stand-alone unit (1.5 - 5 MW)

Megawatt gearboxes (up to 3 MW)

- Integrated rotor shaft gear units
- Gearboxes with flanged input shaft
- Medium speed integrated drives (gearbox + generator)

Multi-megawatt offshore gearboxes (3 - 10 MW+)

- Specific offshore solutions
- Gearboxes with rotating casings
- Gearboxes with flanged input shaft
- Medium speed integrated drives (gearbox + generator)

Variable ratio system (VRS)

- Field proven product (5 years in operation)
- Integrated into main drive gearbox
- Stand-alone solution

Extreme condition solutions

- CCC (Cold Climate Conditions) in-house tested drive train
- HCC (Hot Climate Conditions) solution for desert areas

Wikov – The Essence of Engineering

Reliable, light weight and compact flexible pin gearboxes

- Flexible pin and differential split torque arrangement resulting in increased torque capacity while reducing size and weight
- Flexible pin arrangement ensures equal load distribution and compensates deflections

Rapid prototyping

Production capabilities from one unit to series production

Complete power range – from 1 MW to 10 MW+

In-house full load test facility including cold climate chamber

Third party certification such as GL DNV, Dewi OCC, and others

Gear manufacturing tradition since 1918

Aftermarket services including repairs, preventative maintenance, inspections and overhauls

WiGuard - remote condition monitoring system

Variable Ratio System (VRS)

- Standard synchronous generator
- No power electronics
- High voltage output
- Global grid code compliance