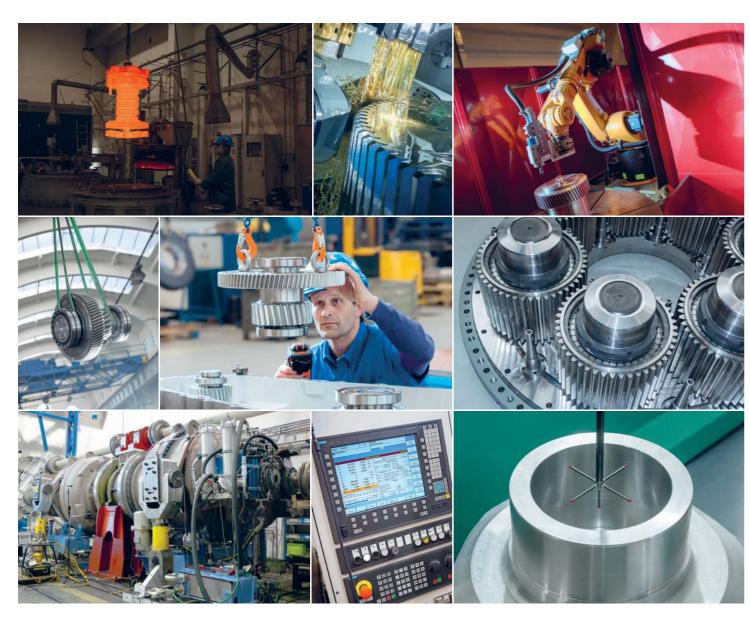
Wikov designs, manufactures, supplies and services a full range of drive solutions for wind energy market. We offer reliable, light weight flexible pin gearboxes for the full spectrum of wind condtions — from 1 MW to 10 MW+. Our field-proven flexible pin arrangement saves significant costs and ensures 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 techologies. These main pillars allow Wikov to engineer the best solution for you by maximizing functional and economical parameters of your application.



Wikov Manufacturing Facility

Contac

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Wind Turbine Gearboxes

Reliable, Light Weight Flexible Pin Gearboxes for Wind Energy Market





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+

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 Condtitions) solution for desert areas



W2000DF - 2MW HCC/CCC version



SL3000 - 3MW onshore/offshore



W3000 - 3MW offshore



S3600 - 3.6MW offshore



D5000 - 5.5MW offshore



A5000 - 5.7MW offshore



W2000spg – 2MW gearbox with integrated VRS unit



VRS - stand-alone unit (1.5 - 5 MW)

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