

The Complete Solution

Generators

Gearboxes

Generator Repairs

Gearbox Refurbishment

Lubricants

Bearings and Couplings

Condition Monitoring

Filtration Systems

Consumables



windpower

renewable solutions

The Complete Solution

Wind Energy is the future - we are at the beginning of a development that will radically change the global energy scene.

windpower renewable solutions Limited, working closely with all major component and lubrication manufacturers, are at the forefront of this extraordinary evolution, offering a total maintenance support service to the global wind industry.

Through associated partners, windpower renewable solutions Limited have the facility to offer replacement **generators** and **gearboxes**, as well as full strip, inspect, report and repair capabilities. Our partners have their own in-house technical and design departments where specific failures can be analysed and a number of modifications can be made to increase efficiency and running times.

windpower renewable solutions Limited are one of the leading distributors of **lubricants** and **greases** for the wind energy industry offering an exceptional service to customers who require quality lubricants from approved sources such as Castrol, Mobil and Klüber.

windpower renewable solutions Limited are a single source for a comprehensive range of proven, high performance, low friction **bearings**: spherical, cylindrical or tapered roller bearings; full compliment cylindrical roller bearings; deep groove ball bearings; four-point contact bearings; insulated bearings; and hybrid bearings with ceramic rolling elements.

windpower renewable solutions are Sole Distributor in the UK and Ireland for GasTOPS' **MetalSCAN**, an inductive based oil debris monitoring system which is able to detect early damage of the gearbox months before there is a risk of total failure.

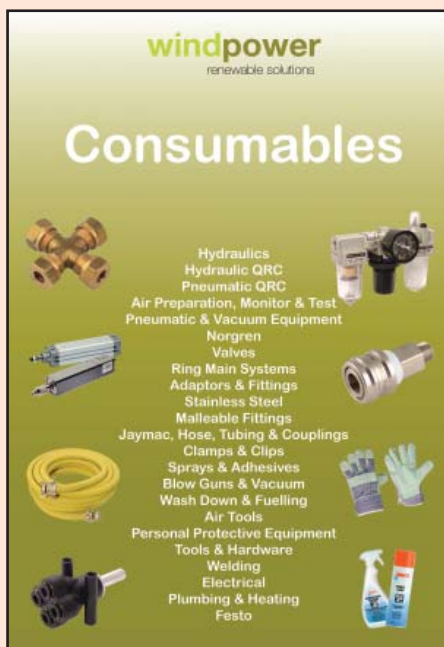
HYDAC products and solutions can be found in thousands of wind energy systems worldwide: Complete systems and **filtration** concepts for lubrication and **hydraulics** as well as **cooling systems** for gear drives and generators. Reliable technology, high quality standards and extensive testing and inspection procedures guarantee the efficiency of HYDAC system solutions.

Morgan Carbon products deliver the right solution for optimising wind turbine performances: **brushes and brush gears** in many standard or special designs; **power slip rings** for rotary performance, built to handle many diverse environmental conditions; **fibre optics** for pitch control; **Aegis WTG** - safely channels harmful shaft voltages to ground, thus protecting wind turbine generators from catastrophic bearing failures.

Founding Member



windpower renewable solutions Limited are a founding member of the **Global Wind Alliance**, an association of global experts in the operation and maintenance of wind farms, bringing together some of the finest components manufacturers and experienced engineers from the wind industry and beyond under one alliance.



With over 75,000 line items available from the latest Consumables catalogue, windpower renewable solutions Limited can offer quality products and quality brands on a prompt delivery.



We hold extensive stocks of bearings which tend to be on long lead times.



We will not only source and supply the complete range of spare parts and consumables, but will store everything for our customers until the items are required to be delivered to site. Just in time.

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Over the last years we have developed an innovative products and service offering, based on our ethos of customer service and value for money initiatives.















Working closely with our manufacturing partners, we are able to offer a total maintenance support service to the windpower industry.

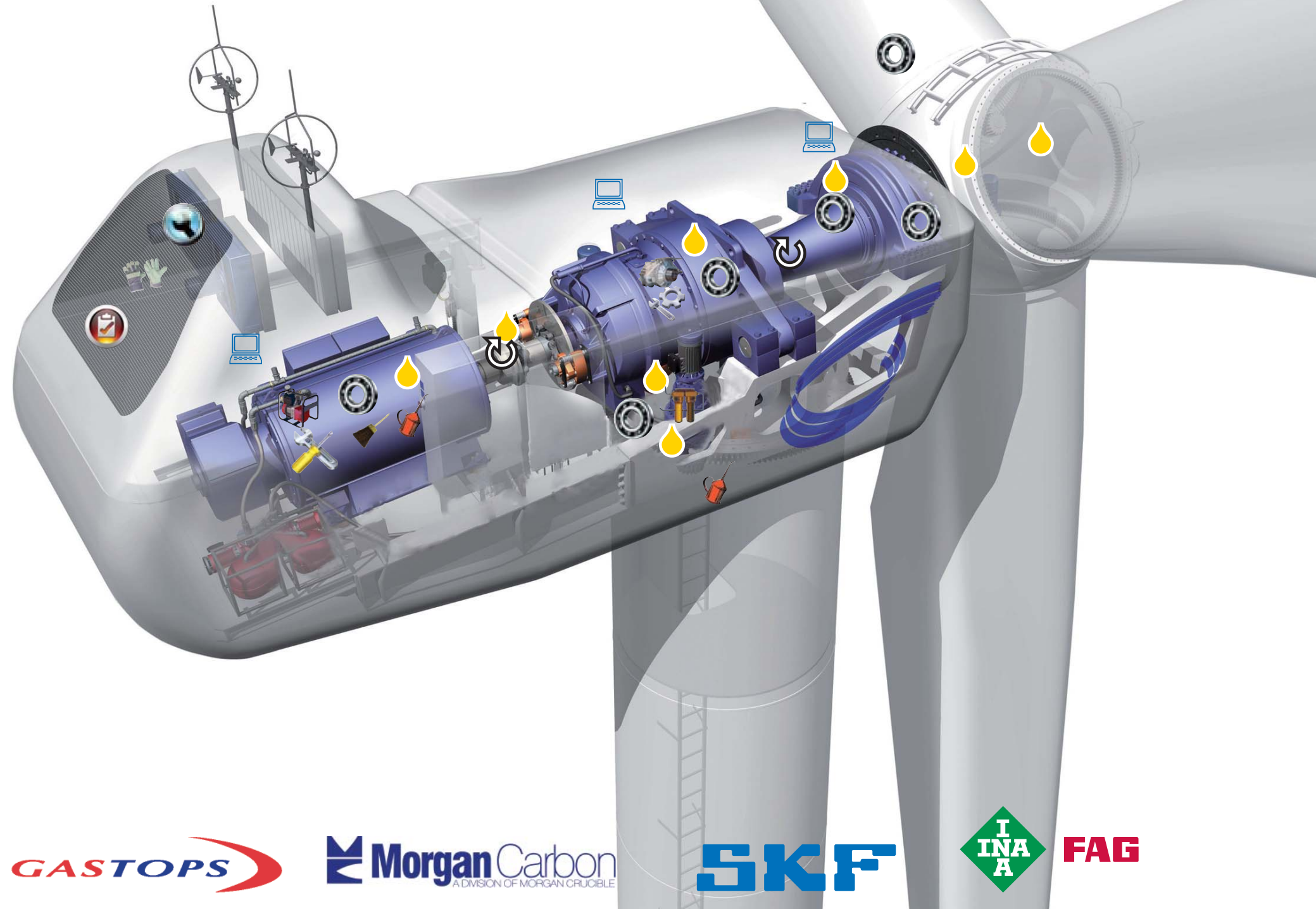
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Products and Services for Wind Turbines

As Authorised Distributors for some of the world's best-known manufacturers windpower renewable solutions Ltd. can offer consistent quality products and associated services.

-  Gearboxes
-  Gearbox Refurbishment
-  Generators
-  Generator Repairs
-  Lubricants
-  Bearings
-  Couplings
-  Condition Monitoring
-  Filtration Systems
-  Electrical Carbon Brushes
-  Oil and Grease Lubricating Systems
-  Operation and Maintenance
-  Consumables
-  Complete Service



Castrol focuses on all lubrication areas of a wind turbine, using proven applications expertise and globally available products to support all lubrication needs.

HYDAC is one of the leading suppliers of cooling and filter systems, hydraulic systems and pitch control cylinders for wind turbines.

The Proactive benefits of GASTOPS' **MetalSCAN** include not only more accurate and reliable condition assessment results, but also reduced implementation costs and less dependence on expensive expert analysis services. MetalSCAN delivers a direct measurement of the mechanical health of your rotating components by quantifying damage.

The partnership between windpower renewable solutions Limited and the world's leading bearing manufacturers **SKF** and **INA/FAG** succeeds because total customer satisfaction and added product value are at the foundation of their working ethic. windpower renewable solutions Limited are the only Niche Market Distributor for **INA/FAG** products in the world.