

**JAURE®**

# Power Transmission Solution

Reliable coupling technology



A Regal Brand

**REGAL**

# Jaure®

## Keep Your Equipment and Your Business Moving Forward

The whole world is on the move today. Everything from people and products to ideas and information. That means business has to be on the move as well. JAURE Power Transmission Solutions can help. We keep products - and businesses - moving forward. Whether it's helping to make sure that minerals are extracted, steel is transformed, cement or paper is manufactured, goods are hoisted and transported or energy is produced, our products and solutions help make your business go.

## The Regal advantage

JAURE and KOP-FLEX are the coupling brands of Power Transmission Solutions. We bring you almost a century of technology and engineering experience.

As a Regal brand, JAURE is part of one of the world's leading suppliers of innovation and insight, providing solutions to customers around the world. Backed by extraordinary technological capabilities and resources, we can deliver customized, competitively priced couplings and solutions that meet the unique needs of each of our customers.

We bring you almost a century of technology and engineering experience



# all over the world

## We know our business and we understand yours

JAURE® serves industries as diverse as our solutions themselves. We work closely with each market, to understand the day-to-day challenges and issues that each one faces. That means you get tailored solutions that bring innovation to every application.

## A global reach

We also offer unparalleled service and support anywhere in the world. A global supply chain and a worldwide distribution network lets JAURE help you manage parts and inventories more effectively. Our lean-manufacturing capabilities coupled with our combined engineering expertise and global facilities let us deliver the solutions you need – when and where you need them.

## The Power of People

The real innovation behind our products comes from our people. Our engineers study your unique industry challenges as thoroughly as their own areas of expertise. Meanwhile, our sales force and field-service personnel also work hard to understand the challenges of every customer, in every market place and industry. Finally, our customer service representatives are always ready and available to answer any questions, solve problems or deal with any issues.



The solutions you need  
when and where you require them

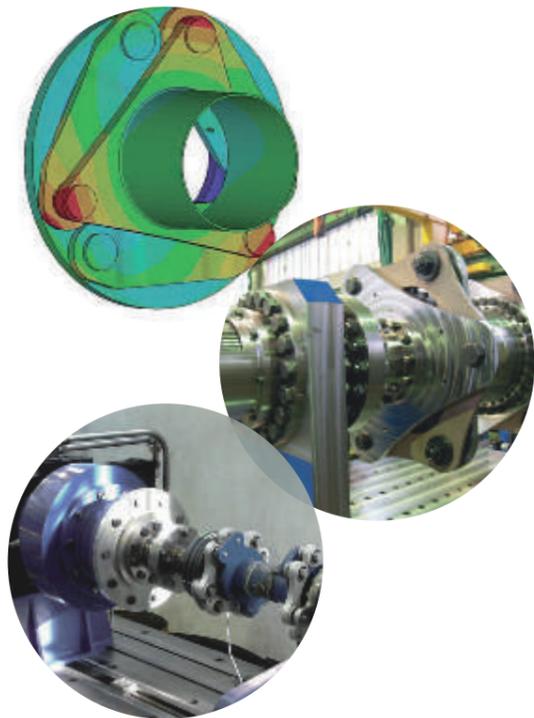
# technology & innovation

## R+D+i: Our compromise

JAURE® develops its products and technologies through innovation and continuous product improvement, bringing the highest possible value to our customers.

Due to our commitment for giving the best solution to our customers in the most demanding sectors like wind energy, marine and heavy industry, we are investing in new test benches and resources while collaborating with other technological centres, suppliers and universities.

JAURE has made significant improvements in its ability to innovate by building a worldwide virtual network of technical experts and by enhancing the New Product Development (NPD) roadmap with the Phase-Gate Process. Through a comprehensive in-house and external network, JAURE® has access to new trends and technologies.



JAURE has made significant improvements in its ability to innovate



general  
industry

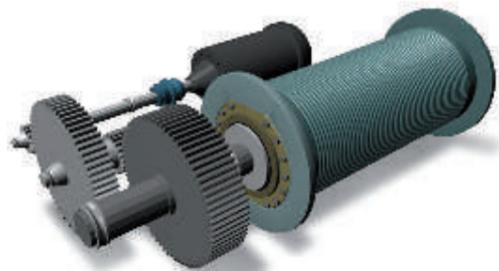
## The most complete solutions for all types of applications

JAURE® is considered a leading power transmission supplier and offers the broadest range of couplings available in the market nowadays:

- Crowned Gear couplings
- Barrel couplings
- Disc pack couplings
- Elastic couplings
- Elastic links
- Composite links
- Grid couplings
- Gear spindles
- Torque limiters
- Composite Shafts.
- High Performance KOP-FLEX® program
- Grease program

We have the optimum solution for the most demanding applications, such as the hoisting industry, pulp & paper, petrochemical, pump, machine tools, sugar industry, plastics & rubber, rail as well as test benches and many other drive systems. In fact, our products have been standardized for a large number of applications.

A reliable partner, well positioned to be your best coupling solution resource. Technological leadership can only be maintained with a commitment to highly skilled resources and investment. JAURE employs highly-qualified engineering personnel, which enables rapid new product development to continue along with custom design and made-to-order couplings. The global network of sales and service in our group gives JAURE the possibility to provide standard components in the fastest way and to give service to our customers throughout the world.



Quality, reliability and a  
high level of  
standardization

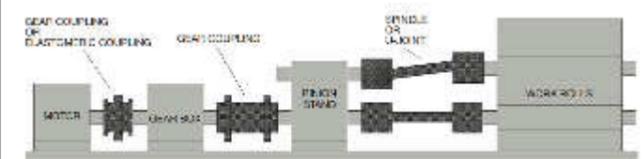


# metals & heavy industry

## Engineered to your needs

The most demanding metal works and heavy duty applications such as cement mills, mineral & mining demand JAURE® gear couplings & spindles. JAURE's close partnership to the customer, the knowledge of their needs and the resulting engineered to-order solutions achieve the high requirements of such special applications.

JAURE's wide range in size and type of couplings can be adapted to any kind of situation. No size and torque limits have been encountered yet. Research & development in the field of materials and treatments allow JAURE to have more compact and enduring solutions, being in the forefront of the industry.



Jaure's wide range in size and types of couplings can be adapted to any kind of application

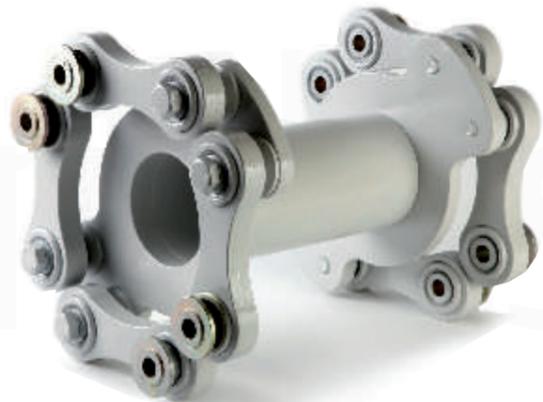


# wind industry

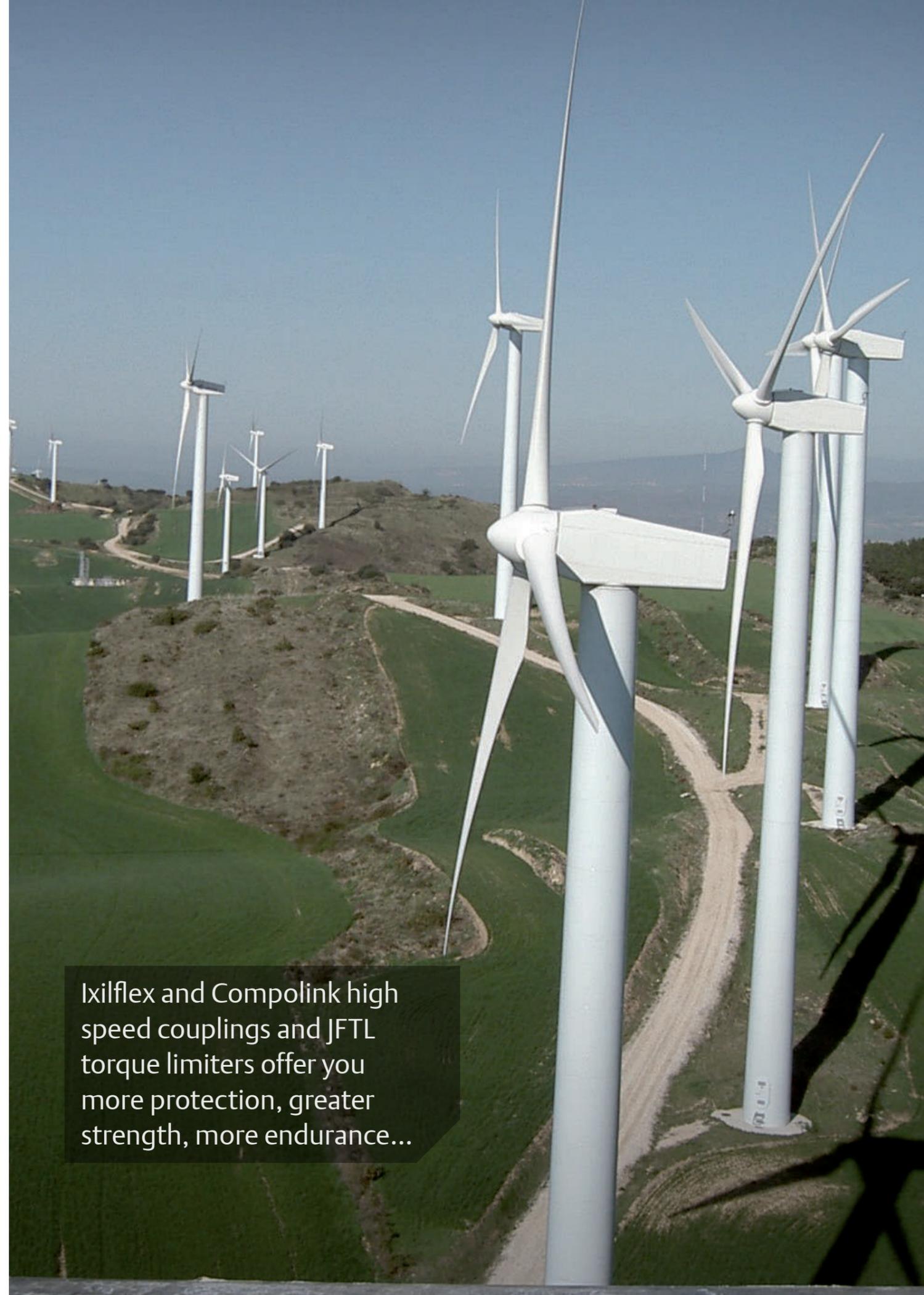
## Experience, reliability and global approach

For more than 20 years, JAURE® have been supplying high speed couplings, clamping sets, disc brakes and torque limiters for the wind industry all over the world.

Our engineers, in close cooperation with both our customers and engineering companies operating in the Wind industry, have developed latest generation coupling systems that respond to the most demanding requirements for the entire lifetime of any wind turbine from a few kW micro-machines to the biggest multi MW ones wherever they need to be installed either onshore and offshore. Ixilflex® and Compolink® high speed couplings and JFTL torque limiters offer you more protection, greater strength, more endurance, easy assembly and less maintenance always looking for optimum lifecycle cost for all your projects.



Ixilflex and Compolink high speed couplings and JFTL torque limiters offer you more protection, greater strength, more endurance...



# marine

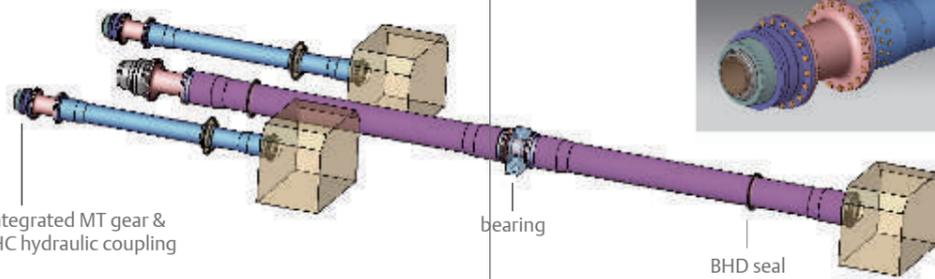
## Innovative solutions

Merchant, yacht, navy and offshore vessels are equipped with JAURE® marine drives.

An extensive product portfolio includes: Marine tyle “MT” compact gear, maintenance free LAMIDISC® disc pack, elastic IXILFLEX® for high misalignment, steel or JCFs composite shaftlines, JHC hydraulic-fit coupling.

Other components are offered such as bulkhead seals, bearings, highly-elastic couplings, brake systems enabling us to provide complete package solutions with no limitation in size, that markets, such as main propulsion & manoeuvring of vessels, winches/deck machinery or dredging industry might require.

All our marine products are supplied with the approval of prestigious companies, such as ABS, DNV, LRS, GL, KR, BV, etc. DNV Type Approvals are additionally available for our customers both for JAURE® gear and disc pack coupling.



We design and supply class approved complete system solutions for marine drives





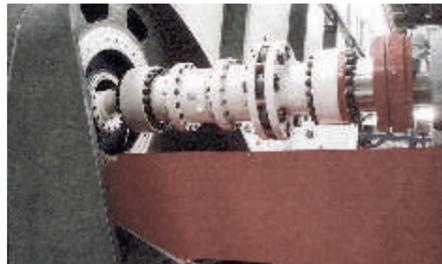
Product Brand Name	MT	LAMIDISC®	TCB / TCB-S	AL-S / AL-SD / ALD	RECORD®	JAUFLEX®	IXILFLEX®	COMPOLINK®	JFTL TORQUE LIMITER	JCS	JHC
Type and Description	Gear	Disk Pack	Barrel (Drump Type)	Gear Spindles	Grid / Spring Type	Elastic	Elastic Link	Composite Link	Torque Limiter	Composite Shafts	Hydraulic Fit (Shaft Couplings)

Industry Application

Metals & Heavy duty	•	•	•	•	•	•			•		•
Minerals & Mills	•	•	•		•	•			•		•
Crane & Hoisting	•	•	•		•	•			•		
Pulp & Paper	•	•			•	•	•	•		•	
Petrochemical / Oil & Gas	•	•			•	•		•		•	
Cooling Towers		•						•		•	
Machine Tools		•				•		•		•	
Marine	•	•				•	•	•	•	•	•
Wind Turbines		•			•	•	•	•	•	•	•
Test Benches	•	•					•	•		•	•
Railway	•	•					•	•	•		



Special safety heavy duty gas nitrided gears



LAMIDISC® Safety coupling on test bench Incl. SAFESET® (SAFESET® from VOITH TURBO)



Type Approvals (Marine & Wind)



Carbon Fibre Shaft combined with LAMIDISC® coupling



Torque monitoring on wind turbines



Double-gear couplings for railway

# Kop-Flex® & Jaure® manufacturing program

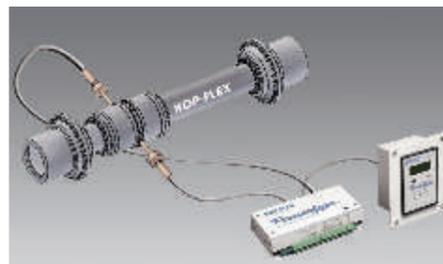
power transmissions solutions - couplings



Product Brand Name	MAX-C®	HIGH PERFORMANCE PROGRAM			KOPFLEX GREASE	SERVICE
Type and Description	Heavy duty elastic coupling	GEAR	DISC	DIAPHRAGM	Gear coupling / spindle grease	Repair & maintenance program

## Industry Application

Metals & Heavy duty	●				●	●
Minerals & Mills	●				●	●
Crane & Hoisting	●				●	●
Pulp & Paper					●	●
Petrochemical / Oil & Gas	●	●	●	●	●	●
Cooling Towers					●	●
Machine Tools					●	●
Marine	●	●	●	●	●	●
Wind Turbines	●				●	●
Test Benches	●	●	●	●	●	●
Railway	●	●			●	●



Powerlign® Torque Monitoring



High Performance Solutions

# Global Presence

## Manufacturing facilities & Engineering Centers

JAURE® & KOP-FLEX® engineered couplings are designed, manufactured, sold and serviced worldwide, with service provided from specification right through to installation.

All JAURE & KOP-FLEX facilities around the globe are state of the art, with access to a large and experienced engineering staff focused on providing solutions for our customers' requirements.

A dedicated global sales and service team assists you to find the best choice and manage all your coupling needs.



JAURE®. Zizurkil, Spain



Pune, India



Apodaca, Mexico



Nove Mesto, Slovakia



Rexdale/ Toronto, Canada



Zhangzhou, China



KOP-FLEX®. Baltimore, USA



# JAURE®

Regal Beloit Spain S.A  
Ernio bidea, s/n  
20159 ZIZURKIL  
(Gipuzkoa) SPAIN

Phone: +34 943 69 00 54  
Fax: +34 943 69 02 95

[www.RegalPTS.com/jaure](http://www.RegalPTS.com/jaure)

#### APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal-Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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