RINGSPANN®

Power Transmission
Clamping Fixtures
Remote Control Systems

Your benefit is our motivation

Headquarters
Bad Homburg, Germany

Founded
1944

Subsidiaries
18

Manufacturing plants
8

Employees
500

Customers
> 6,000 a year

Product range
Power Transmission
Clamping Fixtures
Remote Control Systems

Company profile
Innovative achievements have made RINGSPANN a leading manufacturer for Power Transmission Components, Clamping Fixtures and Remote Control Systems. Many well-known companies from the machine building, the material handling, the energy as well as the aerospace industries successfully work with RINGSPANN. With more than 75 years' experience in development, design and manufacturing, we are experts in intelligent technical solutions.

From our headquarters in Bad Homburg, Germany, 500 employees in 18 international companies provide personal service onsite and ensure speedy and reliable delivery. Manufacturing plants in the most important regions of the world make flexible and customer-orientated production possible.

Customer service is close to our heart; we want you to continue to choose RINGSPANN.

RINGSPANN GmbH, Germany
Headquarter and Plant Freewheels

RINGSPANN GmbH, Germany
Plant Brakes, Couplings and Clamping Fixtures

RINGSPANN RCS GmbH, Germany
Plant Remote Control Systems

RINGSPANN Benelux B.V., Netherlands

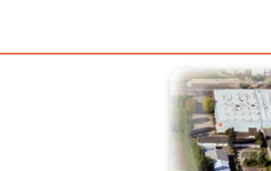
RINGSPANN Nordic AB, Sweden

RINGSPANN Austria GmbH, Austria

RINGSPANN (U.K.) LTD., Great Britain

RINGSPANN AG, Switzerland

SIAM-RINGSPANN S.A., France



RINGSPANN IBERICA S.A., Spain

RINGSPANN Bosanska Krupa d.o.o.,
Bosnia and Herzegovina

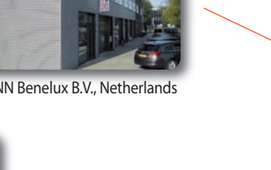
RINGSPANN Italia S.r.l., Italy

RINGSPANN Power Transmission
(Tianjin) Co., Ltd., China

RINGSPANN Korea Ltd.,
South Korea

RINGSPANN Singapore Pte. Ltd.,
Singapore

RINGSPANN Australia Pty Ltd,
Australia



RINGSPANN CORPORATION, USA

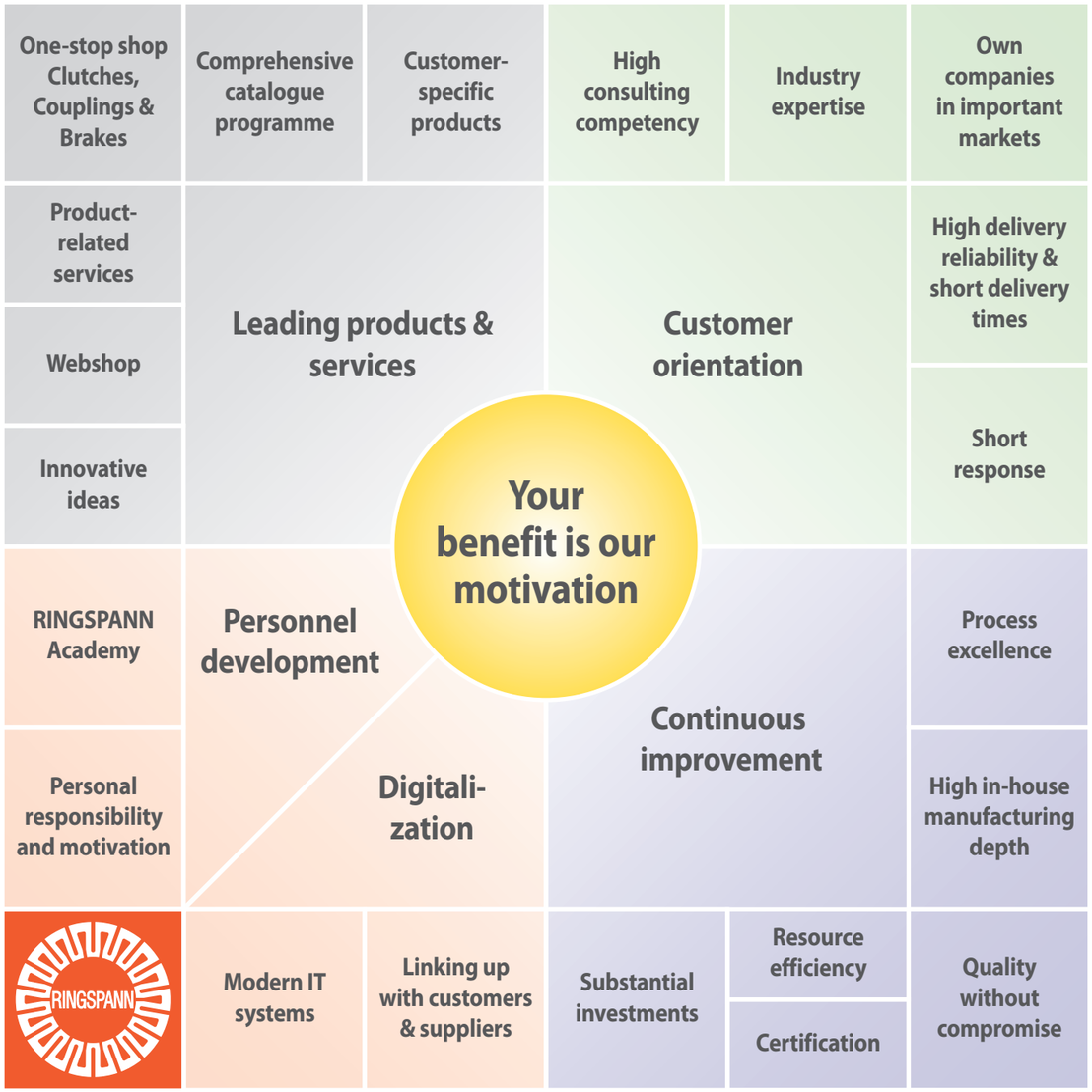
RINGSPANN Sudamérica SpA,
Chile

RINGSPANN South Africa (Pty) Ltd.,
South Africa

RINGSPANN Power Transmission
India Pvt. Ltd., India

Key
- Sales company
- Manufacturing plant
- Sales partner

Our mission statement



Your benefit is our motivation

The primary goal of our actions is the successful further development of RINGSPANN. In doing so, we increase the benefit for our customers, employees, suppliers and the community.

Leading products & services

Innovative ideas have made RINGSPANN a leading manufacturer for

Power Transmission
Clamping Fixtures
Remote Control Systems

We offer our customers a **comprehensive catalogue programme**, which we are constantly developing. Our aim is to be a **one-stop shop** for our customers.

We develop **customer-specific products** in close cooperation with key customers. Our modularized assemblies help us to find solutions quickly and easily.

In our **webshop** you can find at any time prices and delivery times for our catalogue programme and order easily.

Product-related services are a matter of course for us; be it personal onsite service, product training courses, 3D models, online calculation programs or EDI.

Quality without compromise is our global motto for all products and processes.

Customer orientation

High consulting competency of our employees guarantees our customers optimal technical and economical solutions.

Industry expertise in key industries enables us to understand our customers and provide them with solutions.

Own companies in important markets allow us to be close to our customers. Thereby we ensure personal service onsite as well as speedy and reliable delivery.

High delivery reliability & short delivery times are absolutely essential for our customers. You can hold us to that, day in day out.

Short response times are our aim; so that you have an answer when you need it.

Continuous improvement

Process excellence in order processing – from enquiry to shipment – is our goal; so that our customers benefit from reliable and speedy processes.

High in-house manufacturing depth is the path we take; in doing so we keep major production steps in our own hands. Manufacturing plants in the most important regions of the world make flexible and customer-orientated production possible.

Resource efficiency in the use of material and energy helps to protect the environment and to keep costs under control.

Certification of our management system according to ISO 9001 and of our environmental performance according to ISO 14001 is our commitment to our communities.

Substantial investments in our employees, machines, plants, equipment and buildings secure the company's future year by year.

Personnel development

RINGSPANN Academy: Continuous training is important to us. Therefore we hold regular training courses for customers and employees on products, applications and processes.

A **high level of personal responsibility and motivation** is the goal of our staff development; so that everyone with us find professional fulfilment and contribute to the development of the company.

Digitalization

Modern IT systems are a must for us and that across the group. They enable us to help shape developments such as Industry 4.0.

Linking up with customers & suppliers is our way of increasing efficiency in order processing for all involved.

Product overview

Freewheels

RINGSPANN® Power Transmission

High Speed Backstops
are located on the 2nd or 1st gearbox reduction shaft and prevent reverse motion of conveyor belts, elevators, pumps, blowers.

Low Speed Backstops
are located on pulley or head shafts of gearboxes and prevent reverse motion of conveyor belts or bucket elevators.

Overrunning Clutches
Automatic engaging and disengaging of drives.

Indexing Freewheels
For gradual feed of materials.

Housing Freewheels
Automatic engaging and disengaging for multimotor drives for installations with continuous operation.

Cage Freewheels
For installation between customer-supplied inner and outer rings.

Shaft-Hub-Connections

RINGSPANN® Power Transmission

Two-part Shrink Discs
External clamping connection for simple and secure mounting without torque wrench.

Three-part Shrink Discs
External clamping connection for the fastening of hollow shafts on solid shafts.

Cone Clamping Elements
Internal clamping connection in small dimensions for high torques.

Star Discs
Shaft-Hub-Connection for frequent clamping and release.

Star Spring Washers
Axial spring element for preloading of ball bearings.

Brakes

RINGSPANN® Power Transmission

Pneumatic Brake Calipers
Spring activated - pneumatically released or pneumatically activated - spring released.

Hydraulic Brakes
Spring activated - hydraulically released, hydraulically activated - spring released or non-releasing.

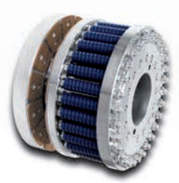
Electromagnetic Brakes
Electromagnetically activated - spring released or spring activated - electromagnetically released.

Electrohydraulic Brakes
Spring activated - electrohydraulically released.

Clamping Units
Spring activated - hydraulically or pneumatically released. For secure and precise positioning of piston rods.

Overload Clutches & Couplings

RINGSPANN® Power Transmission



Torque Limiters with Screw Face
Reliable overload protection for tough operating conditions.

Torque Limiters with Friction Linings
RIMOSTAT® Torque Limiter for constant slipping torque. Belleville Spring Torque Limiter for simple release.

Rigid Shaft Couplings
Rigid, easily removable shaft coupling with backlash free cone clamping connections.

Torsionally Rigid Shaft Couplings
For high torques and backlash-free power transmission.

Elastic Shaft Couplings
For dynamic applications.

Precision Clamping Fixtures

RINGSPANN® Clamping Fixtures

Bonded Disc Packs
Precision Clamping Fixtures based on the unique method of the RINGSPANN Clamping Disc.

Taper Collets
Precision Clamping Fixtures for clamping thin or thick walled workpieces on long clamping length.

Taper Sleeves
Precision Clamping Fixtures for clamping compact workpieces with short or long clamping lengths.

Flat Elements
Very short Precision Clamping Fixtures for clamping thick walled workpieces with large clamping diameter and very short clamping depths.

Clamping Clutches
For rapid changes and precise clamping of profile rollers or printing rollers in printing presses in gravure and flexographic printing.

RCS® Remote Control Systems

RINGSPANN® Remote Control Systems

RCS® push/pull cables
Flexible elements for reliable transmission of axial forces over long distances with short installation radii.

RCS® pull-only cables
Flexible elements for transmitting pull forces with various standard endparts or according to customer requirements.

Pedals
Throttle pedals with mechanical cabels, pedals for electronic setpoint transmitters from leading manufacturers, brake pedal systems.

Levers
For different gearboxes: manual, automatic and hydrostatic.
Brake levers and controls for general applications.

Large selection of accessories
Clevises, angle joints, ball joints, mounting brackets, swivel flanges, clamps, clamping brackets, etc.

Industrial gears and geared motors

- Geared motors
- Electric motors
- Industrial gears
- Drive units
- Production of gear wheels and gear parts

Mining

- Belt conveyors
- Bucket elevators
- Stackers and reclaimers
- Bucket wheel excavator
- Crusher
- Mining machines

Material handling

- Cranes and lifting equipment
- Continuous conveyors
- Belt conveyors
- Elevators and escalators
- Storage systems

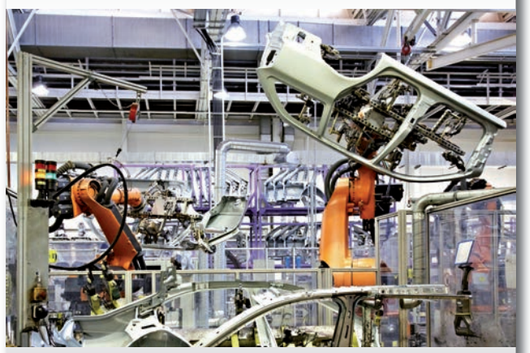
Energy plants

- Wind turbines
- Hydro power plants
- Power station engineering
- Emergency power supply
- High-voltage switches

Mobile hybrid drives & E-Mobility

- E-bike drives
- Hybrid drives
- Electrical vehicles
- Motorbike starters
- Emergency release charging plugs

Vehicle construction



- Actuating devices
- Unlocking devices
- Production of vehicle parts
- Switch units
- Test beds

Marine

- Unlocking devices
- Release devices
- Propulsion systems
- Hybrid drives
- Loading and unloading systems
- Production of engine parts

Rail

- Brake releasing
- Drives
- Door unlocking
- Door operation
- Balancing equipment for train wheels
- Track-laying machines

Food and packaging machines

- Filling machines
- Processing machines
- Packaging machines
- Medical engineering

Machine tools

- Lathes
- Milling machines
- Grinding machines
- Gear-cutting machines
- Balancing machines
- Machining centres

Pulp and paper

- Printing machines
- Pulp machines
- Drying machines
- Labelling machines
- Feed roller drives
- Clamping of printing rollers

General machine building

- Pumps and fans
- Steel plants
- Cement plants
- Shredders
- Textile machines
- Environmental engineering

RINGSPANN®
Clamping Fixtures
Allgemeiner Maschinen- und Anlagenbau
General machine building
RINGSPANN®
F1 2018
DRIVER 2
DRIVER 1

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