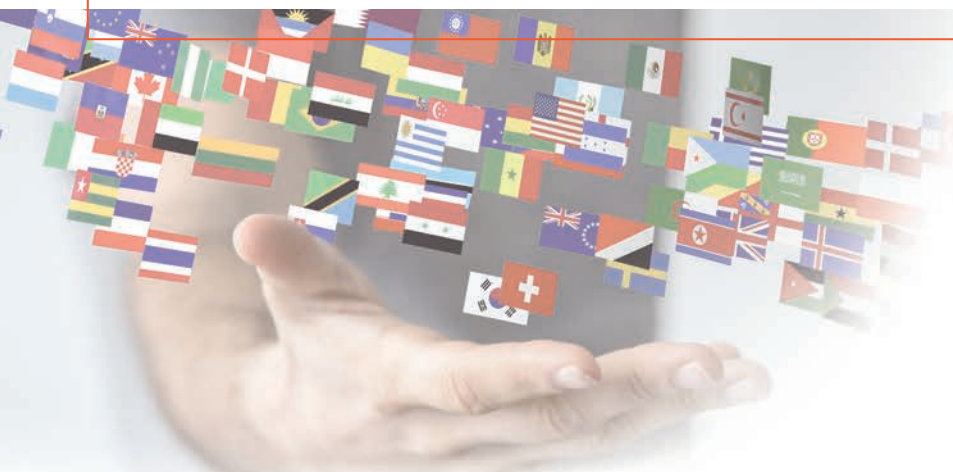


**RINGSPANN**<sup>®</sup>

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.

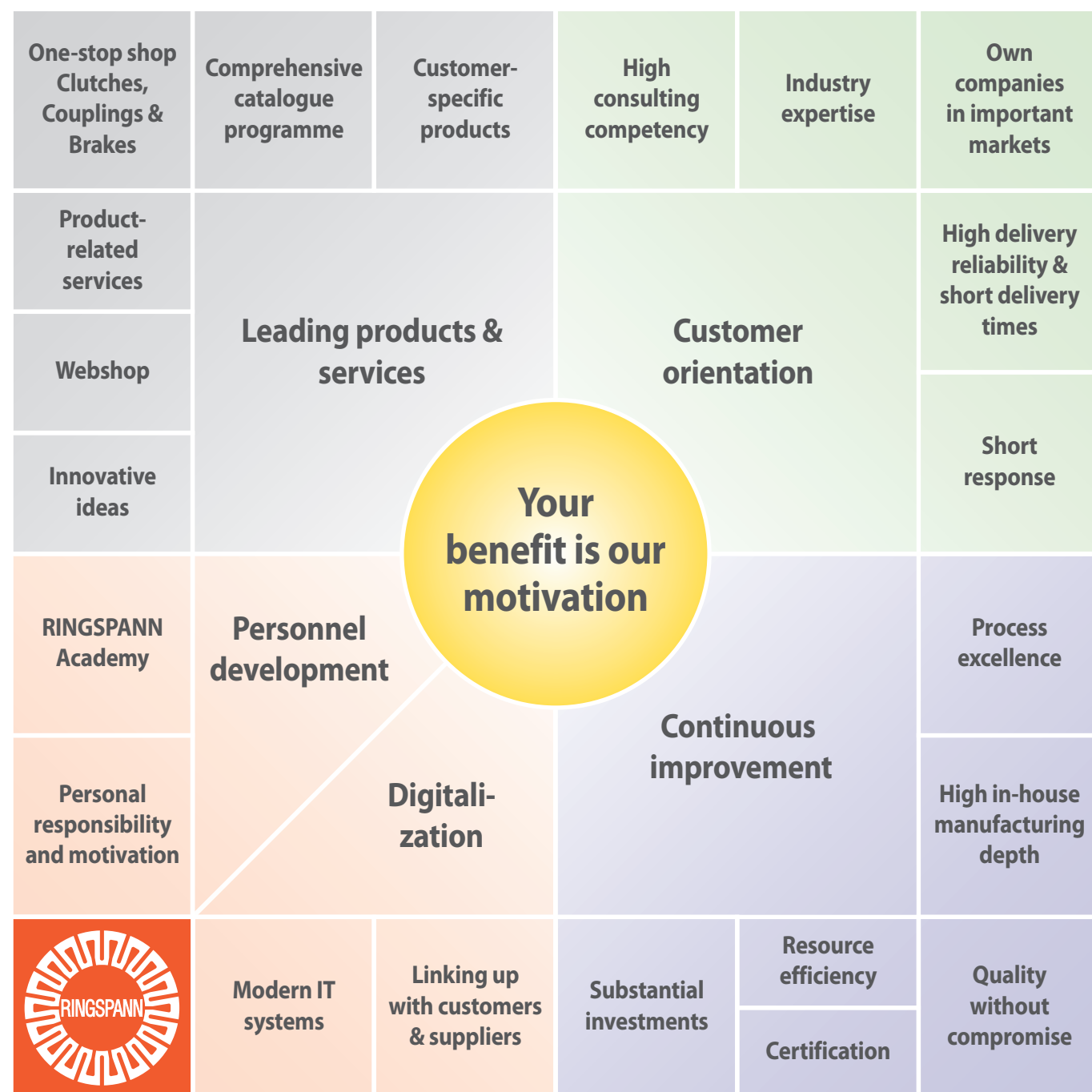
Customer service is close to our heart; we want you to continue to choose RINGSPANN.







## 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.



## 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 pre-loading 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

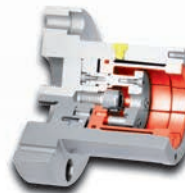
**RINGSPANN®**  
Clamping Fixtures



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



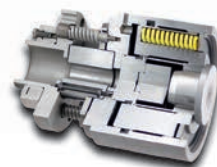
**Taper Collets**  
Precision Clamping Fixtures for clamping thin or thick walled workpieces on long clamping length.



**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 cables, pedals for electronic setpoint transmitters from leading manufacturers, brake pedal systems.



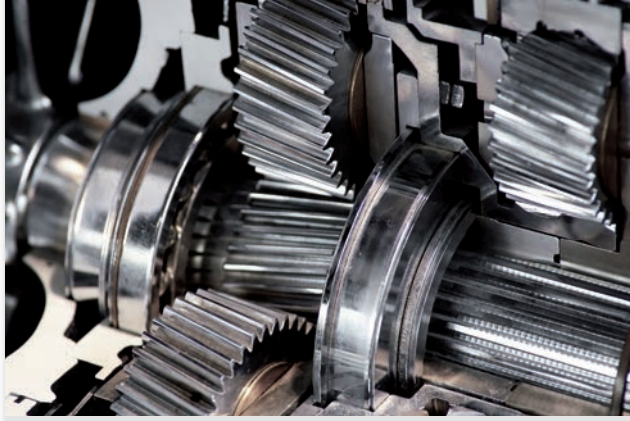
**Levers**  
For different gearboxes: manual, automatic and hydrostatic. Brake levers and controls for general applications.



**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



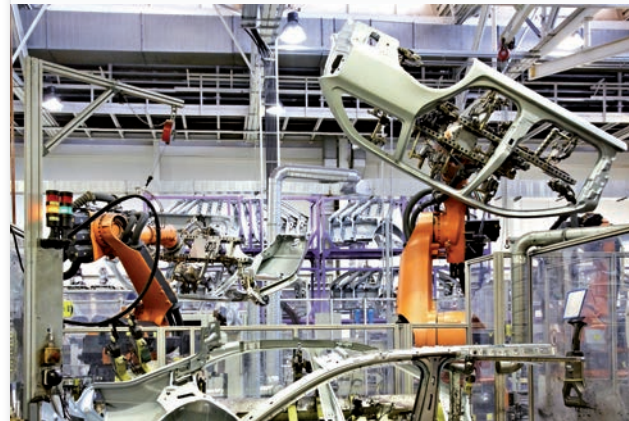
- Wind turbines
- Hydro power plants
- Power station engineering
- Emergency power supply
- High-voltage switches

## 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







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