# **RINGSPANN**® in Food and Packaging Machines

Power Transmission Components





Company **RINGSPANN®** 





RINGSPANN GmbH, Germany



RINGSPANN RCS GmbH, Germany Plant Remote Control Systems Plant Clamping Fixtures

RINGSPANN GmbH, Germany Headquarter and Plant Power Transmission



RINGSPANN Nordic AB, Sweder



RINGSPANN AG, Switzerland





RINGSPANN Italia S.r.l., Italy



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









## 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 70 years' experience in development, design and manufacturing, we are experts in intelligent technical solutions.

Headquarters Bad Homburg, Germany

International companies

Manufacturing plants

Founded

Employees

Product range Power Transmission Clamping Fixtures

Remote Control Systems Company profile

1944

13

450

From our headquarters in Bad Homburg, Germany, 450 employees in 13 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.

# Key

Company

Manufacturing plant

Sales partner







# Low Surface-roughness

• Exact machining and surface treatment ensure that our products have a surface roughness Ra  $\leq$  0,8  $\mu$ m.

# Material selection

- During the selection we emphasise on corrosion resistant stainless steel and understand its machining properties.
- During the selection of lubricants and sealings we can rely on foodgraded products.

# Cleanability

• Avoiding hidden edges, dead ends and high surface-roughness's, ensures that our products are easy and fast to clean.

# EHEDG & 3-A Standards

- The certification of the series FBF entitles not only the guidelines and directives of the European Hygenic Engineering and Design Group and 3-A Standards but also takes into account the Food and Drug Administration directives
- Our design ensures machine connectivity to the highest hygienic standards.







# RINGSPANN

We understand your requirements.

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# **Cone Clamping Elements** to connect drive shaft with belt pulley Stainless Steel Shrink Discs to connect hollow shaft with machine shaft Stainless Steel Freewheels as Indexing Freewheels for feeding clips in sausage filling machines

# Cone Clamping Elements



# Stainless Steel Shrink Discs



Stainless Steel Freewheels



Friction Torque Limiters





# **Cone Clamping Elements**

to connect drive shaft with belt pulley

## Stainless Steel Shrink Discs

to connect hollow shaft with blade shaft

## Stainless Steel Freewheels

as Overrunning Clutches between auxiliary drive and main drive



Meat grinder

Dough processing machine

**Cone Clamping Elements** to connect drive shaft with sprocket

# **Friction Torque Limiters**

as Overload Clutches between chain drive and dough press



Filling machine

Stainless Steel Freewheels

as Backstops for inclining conveyor systems

**Cone Clamping Elements** 

to connect drive shaft and brake disc



Blow moulding machine

**Cone Clamping Elements** 

to connect drive shaft and brake disc

## Brakes

as an emergency stop in PET-blow moulding machines

# Stainless Steel Freewheels

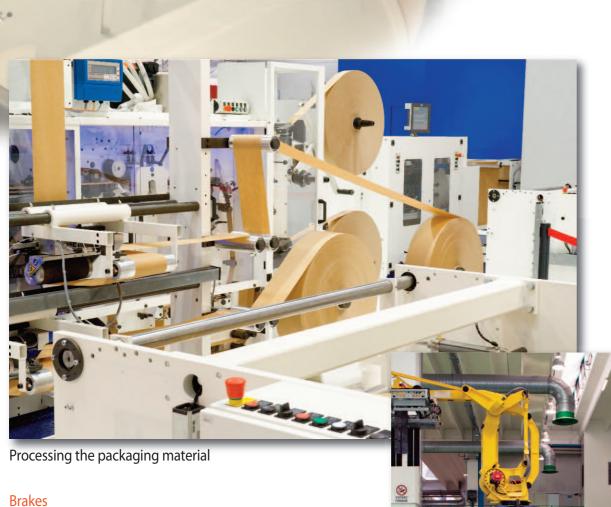


Cone Clamping Elements



Brakes





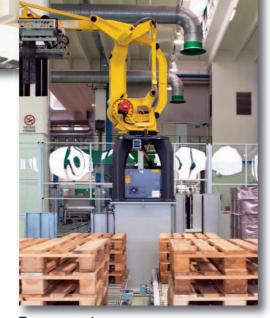
as an emergency stop in transport cranes

## **Cone Clamping Elements**

to connect drive shaft and brake disc

## Stainless Steel Force Limiters

as axial Overload Clutches in the packaging process, e.g. when folding packaging material



Transport gripper



Packaging machine for food stuff

## **Brakes**

for pre-tensioning packaging material

## **Cone Clamping Elements**

to connect drive shaft and brake disc

## Stainless Steel Freewheels

as Backstops for inclining conveyor systems

# Brakes



Cone Clamping Elements



# Stainless Steel Force Limiters Stainless Steel Freewheels





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