RINGSPANN® in Food and Packaging Machines

Power Transmission Components
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, 475 employees in 16 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-oriented production possible.

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

Company profile
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RINGSANN goes hygienic

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 food-graded 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 Hygienic 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.
Power Transmission Components for Food Processing Machines

**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**
- to connect drive shaft with sprocket

**Stainless Steel Shrink Discs**
- as Overrunning Clutches between auxiliary drive and main drive

**Friction Torque Limiters**
- as Overload Clutches between chain drive and dough press

Meat grinder

Dough processing machine

Cutter

Source: GEA
Stainless Steel Freewheels
as Backstops for inclining conveyor systems
Cone Clamping Elements
to connect drive shaft and brake disc

Stainless Steel Freewheels
Cone Clamping Elements
Brakes
Filling machine
Filling and blow molding machine
Cone Clamping Elements
to connect drive shaft and brake disc
Brakes
as an emergency stop in PET-blow moulding machines
Shaft Couplings for connection of drive train and machine shaft

Brakes as an emergency stop in transport cranes

Cone Clamping Elements to connect drive shaft and brake disc

Processing the packaging material

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 and Cones Clamping Elements

Packaging machine for food stuff

Transport gripper

Processing the packaging material