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

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.
Cleanability

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

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.

Low Surface-roughness

- Exact machining and surface treatment ensure that our products have a surface roughness Ra ≤ 0.8 µm.

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.
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 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

Cone Clamping Elements
- to connect drive shaft with sprocket

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

Meat grinder

Dough processing machine

Cutter

Source: GEA
Power Transmission Components for Filling and Blow Moulding Machines

Stainless Steel Freewheels
as Backstops for inclining conveyor systems

Cone Clamping Elements
to connect drive shaft and brake disc

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

Filling machine

Blow moulding machine
Power Transmission Components for Packaging Machines

Processing the packaging material

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

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