



STÖBER FOOD INDUSTRY

Insight

“The annual downtime for food production is over 10 weeks a year.” - Harting

Food production is a harsh environment. Many gearboxes cannot handle rigid washdowns, which can cause premature failure and cost hundreds or even thousands of dollars in downtime.

COMMON CHALLENGES AND PROBLEMS

- 1 Continuous operation
- 2 Expensive downtime
- 3 Energy consumption
- 4 Large amounts of inventory
- 5 Limited preventive maintenance capacity
- 6 Water ingress
- 7 Premature failure from rigid mounting
- 8 Leaking gearboxes
- 9 Food safety



APPLICATIONS

Augers

Bone saws

Choppers

Conveyors

Grinders

Kill Table

Palletizing

Tenderizing

Metal detection

Mixing

Overhead drives

Pumps

Cone lines

Deboning

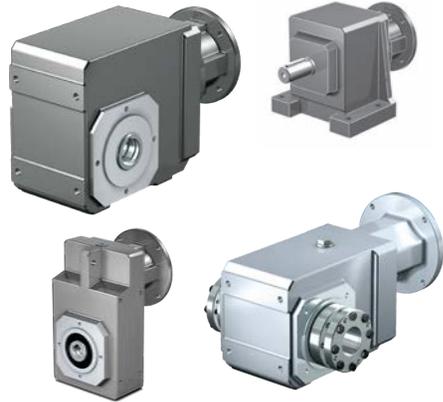
Screw conveyors

Many more - ***We have the experience and product knowledge to solve your problems!***

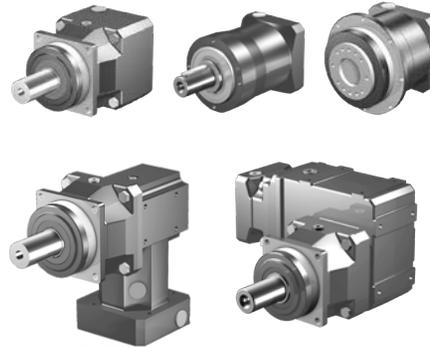


PRODUCTS OFFERED BY STOBER

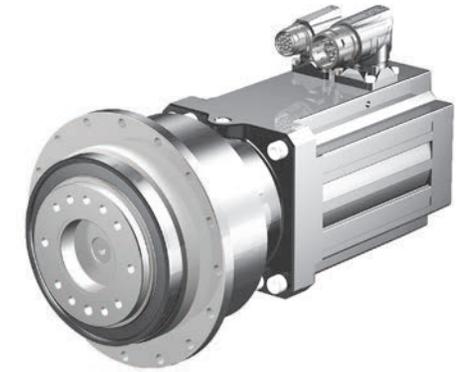
HELICAL SOLUTIONS



PLANETARY SOLUTIONS



GEARED MOTOR SOLUTIONS



BENEFITS

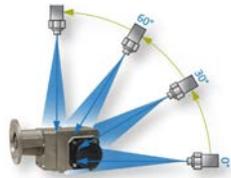
3 YEAR WARRANTY

BENEFITS

5 YEAR LIMITED WARRANTY

BENEFITS

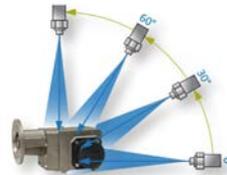
2 YEAR WARRANTY



IP69K Certified to prevent water ingress



USDA Accepted Equipment



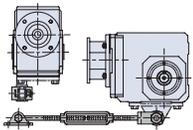
IP69K Compliant to prevent water ingress



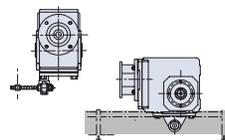
USDA Accepted Equipment

Geared motors can be supplied with food duty paint and food duty lubrication.

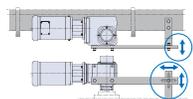
TORQUE ARM MOUNTING OPTIONS



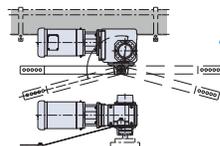
1: Torque Arm Bracket with Turnbuckle Torque Arm



2: Torque Arm Bracket with Threaded Rod Torque Arm



3: Torque Arm Bracket with Fabricated Steel Torque Arm



4: Fabricated Torque Arm

WOBBLE FREE BUSHING





THE STOBER ADVANTAGE

- ▶ Easy removal of gearbox for replacing motors
- ▶ Energy efficiency
- ▶ Inventory reduction (Prime List)
- ▶ Longer life
- ▶ No Maintenance and No Leaks
- ▶ Fast Delivery, Emergency Shipments Available, 24/7/365 Support
- ▶ Motor Adapter and Stainless Steel Housing Renewal Programs
- ▶ Any Horizontal Mounting
- ▶ Industry leading warranty



STAINLESS STEEL

- Harsh washdown applications
- All stainless hardware
- Stainless housing
- Exxon Mobil SHC CIBUS 220 Food Grade Oil



FOOD DUTY— Severely Wet Applications

- Stainless Steel Hardware – Plastic Covers
- Multilayered 316 Stainless Steel Epoxy Coating
- Antimicrobial clear top coat
- Mobil SHC CIBUS 220 Food Grade Oil
- Dual output seals and an O-ring on the input create a tight seal to prevent water ingress



Average mean time to failure in a 24/7 harsh washdown environment is 9.1 years!

CUSTOMER CHALLENGE

Midwest meat processor had shock load failures on loan kicker. Amp draw on motor caused numerous gearboxes to fail.

THE STOBER SOLUTION

STOBER engineers visited plant and evaluated the application. They redesigned our gearbox to have a higher service factor and peak torque booster, which eliminated premature failure.



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STÖBER 
CONFIGURATOR

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