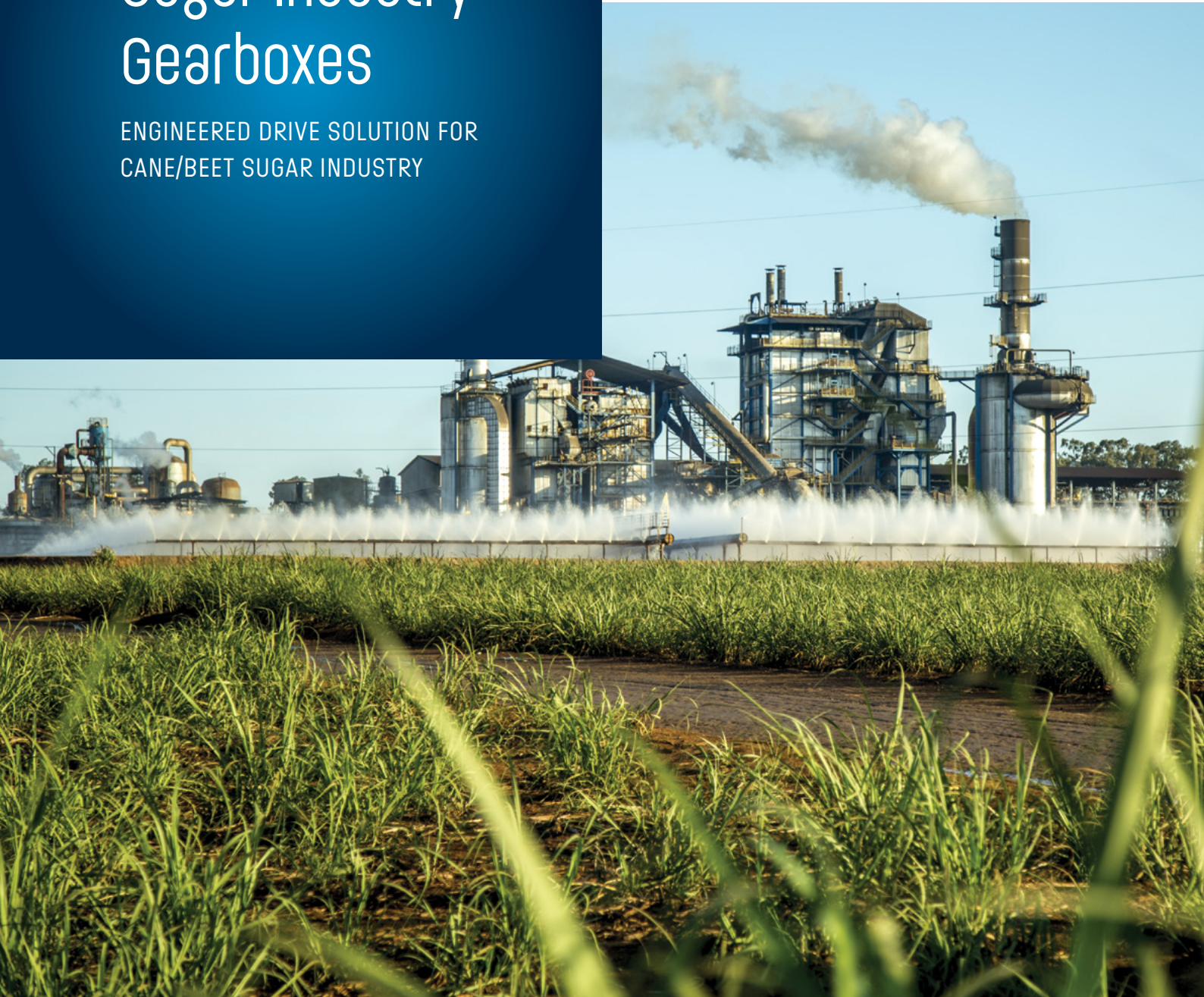


WIKOV.COM

# Sugar Industry Gearboxes

ENGINEERED DRIVE SOLUTION FOR  
CANE/BEET SUGAR INDUSTRY





01

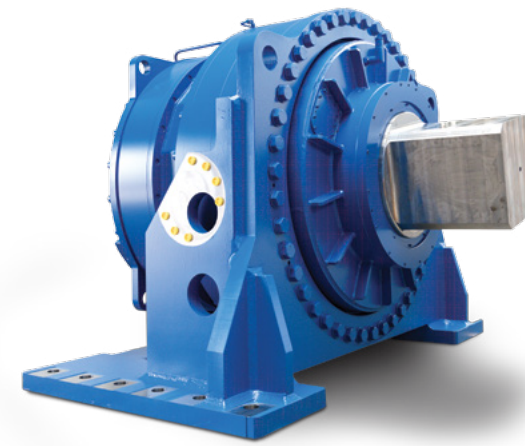
## HIGH PERFORMANCE WIKOV GEARBOXES IN CANE SUGAR PRODUCTION PROCESS:

- Unloader drive
- Conveyor drive
- Shredder drive
- Mill drive
  - Pinion-less drive
  - Pinion-less drive with Assist drive
  - Central drive
  - Steam-turbine driven cane mill
- Diffuser drive
  - Chain-type conveyor drive
  - Direct conveyor drive
- Dewatering mill drive
- Rotary drum dryer
- Steam turbine/generator

02

## HIGH PERFORMANCE WIKOV GEARBOXES IN BEET SUGAR PRODUCTION PROCESS:

- Conveyor drive for washer feeding
- Rotary drum washer drive
- Drum beet slicer drive
- Cossette mixer drive
- Vertical extraction tower drive
- Drum-type horizontal diffuser
- Screw-type horizontal diffuser
- Pulp press drive
- Rotary drum dryer
- Dryer/Cooler drive
- Skip winch drive for lime tower feeding
- Steam turbine/generator



Coaxial 1,500 HP OrbifleX® gearbox for cane mill drive



Coaxial 2,500 HP Orbi-fleX® gearbox for cane mill drive

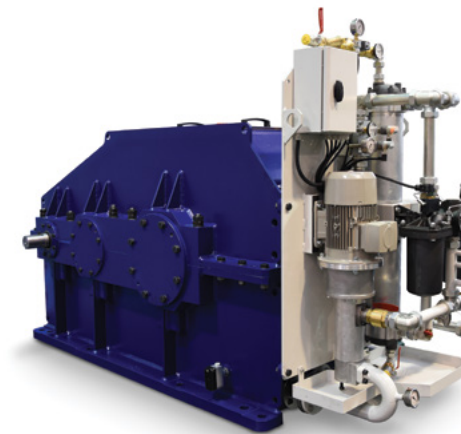


1,200 HP Orbi-fleX® cane mill drive with parallel shaft output



Belt conveyor complete drive

Highly modular **WinGear®**  
and **Orbi-fleX®** gearbox  
series, **High-speed** gear  
units and Special drives  
- Extensive portfolio of  
gearboxes and drives  
for sugar industry  
applications



High-speed gearbox for steam turbine-driven cane mill



Orbi-fleX® gearbox for drum-type diffuser



Orbi-fleX® coaxial gearbox for shredder

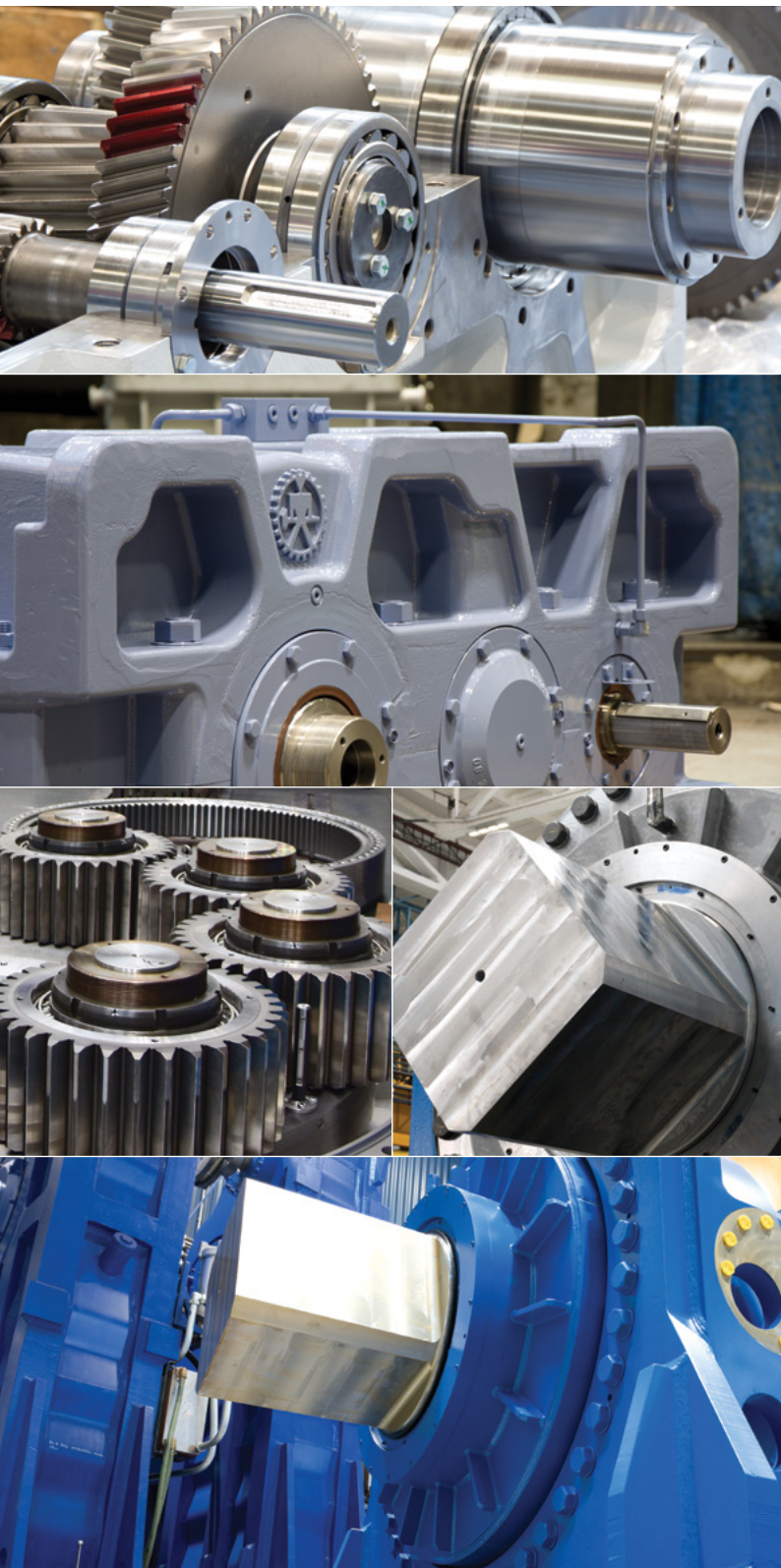


WinGear® gearbox for rotary dryer

## WIKOV - THE ESSENCE OF ENGINEERING

- Gear manufacturing tradition since 1918
- Standard or tailored solutions and rapid prototyping
- Manufacture to the latest international standards such as ISO, DIN, AGMA, API and others
- In house load testing incl. NVH (noise, vibration and harshness) analysis
- Service, overhauls and upgrades of own brand or other gearboxes
- WiGuard® - remote condition monitoring system
- Extensive experience with replacements of gear units and complete drives of own or other brands





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# Wikov Manufacturing Facility

Wikov designs, manufactures, supplies and services a wide range of high performance gearboxes covering the whole sugar production process. Wikov gearboxes are operated in most of the applications in sugar industry for last decades. Our success is based on experience we gained over our nearly 140-year history, international team of R&D specialists and state of the art production technologies. These main pillars lead to identifying the best solution for you with maximizing functional and economical parameters of your application.



The Essence of Engineering

