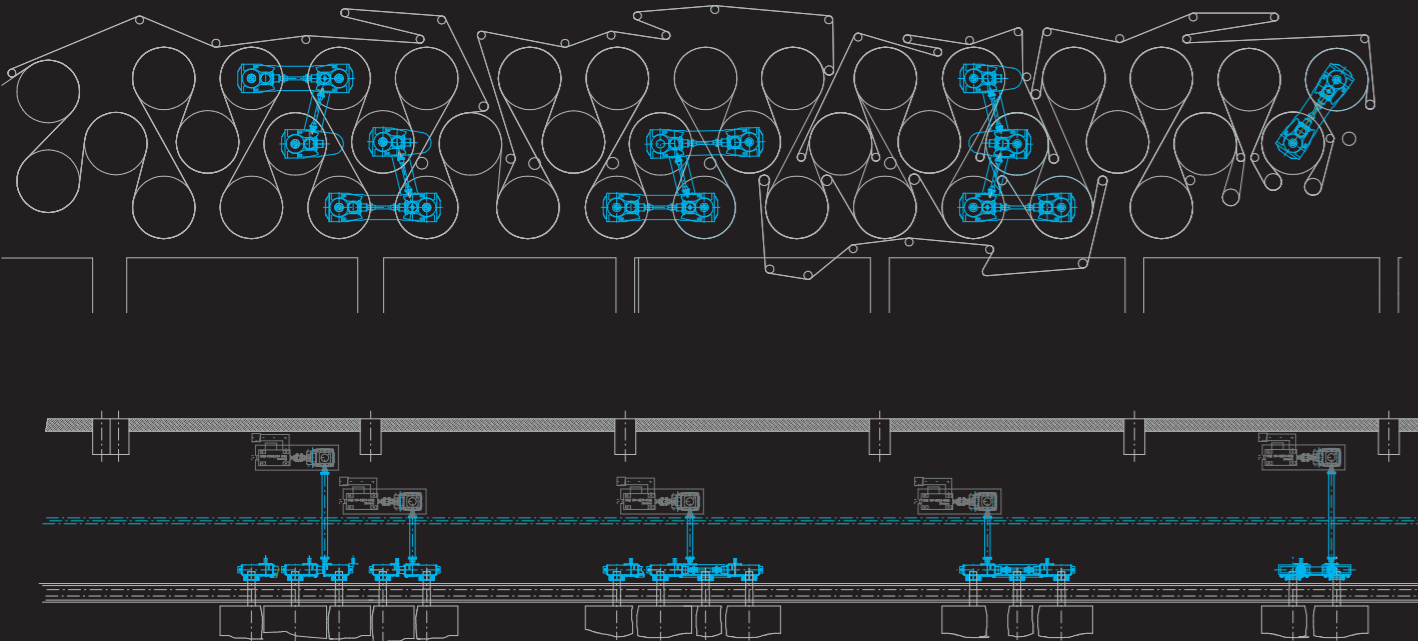
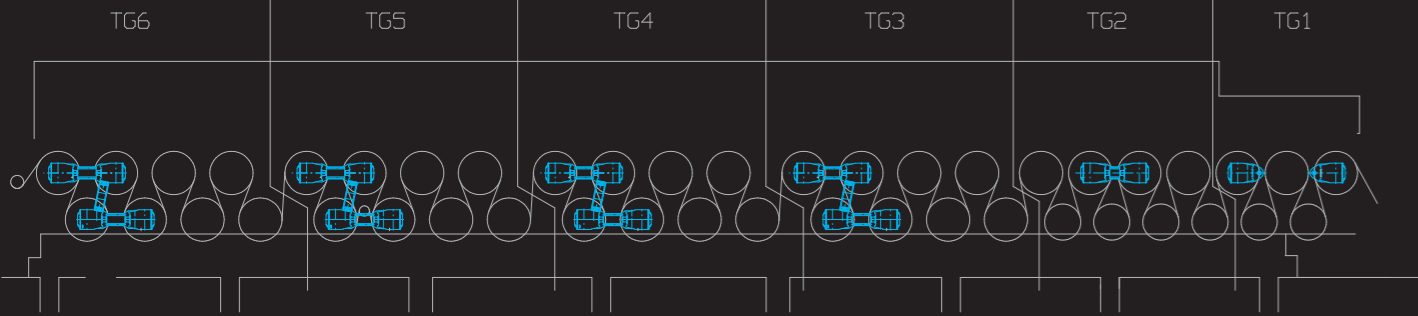


FlexoGear® - System

Practical application 1



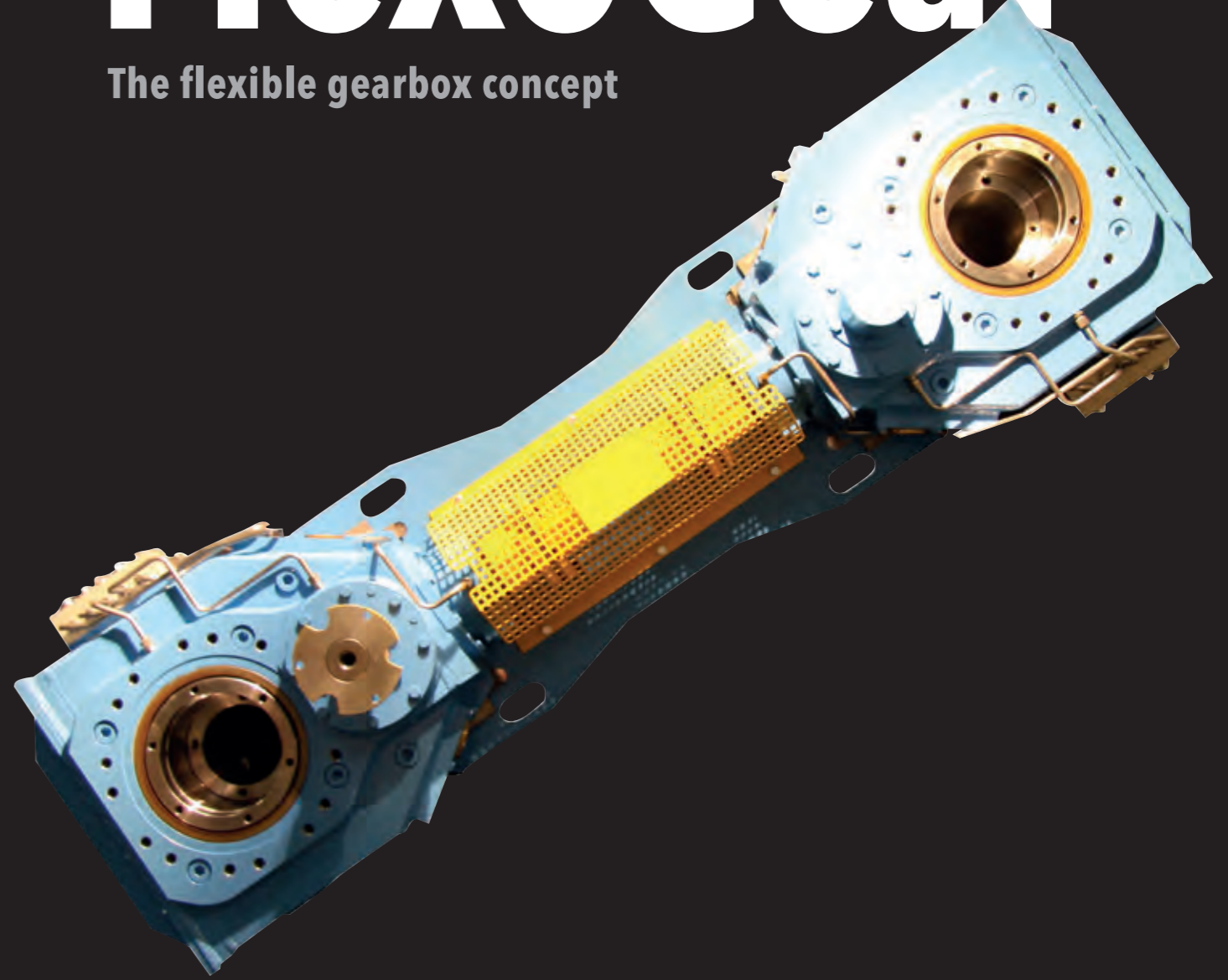
Practical application 2



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FlexoGear®

The flexible gearbox concept



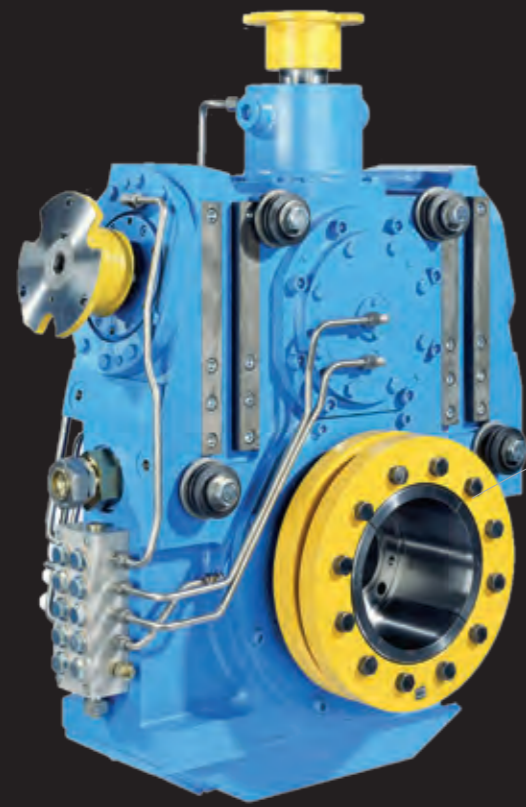
Your machine drives us on



FlexoGear®

Special gearbox for dryer cylinder drives

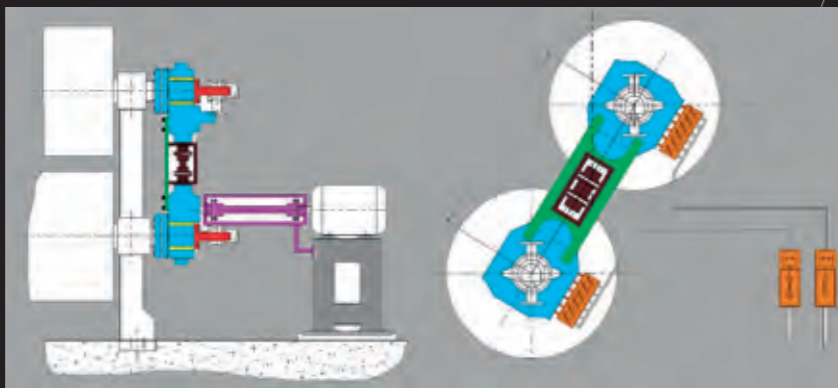
- Can be installed in different mounting positions up to 360°
- Feed-through of steam and condensate
- High axial forces can be absorbed
- Few tooth contacts result in less friction losses = energy savings!
- Identical gearboxes - only one spare gearbox necessary!
- Fast and flexible installation via shrink disc
- Optimal supply of all lubrication points via oil distribution block and pre-piping
- Can be used for pivots up to 230 mm



FlexoGear® - System

Coupling of various gearboxes

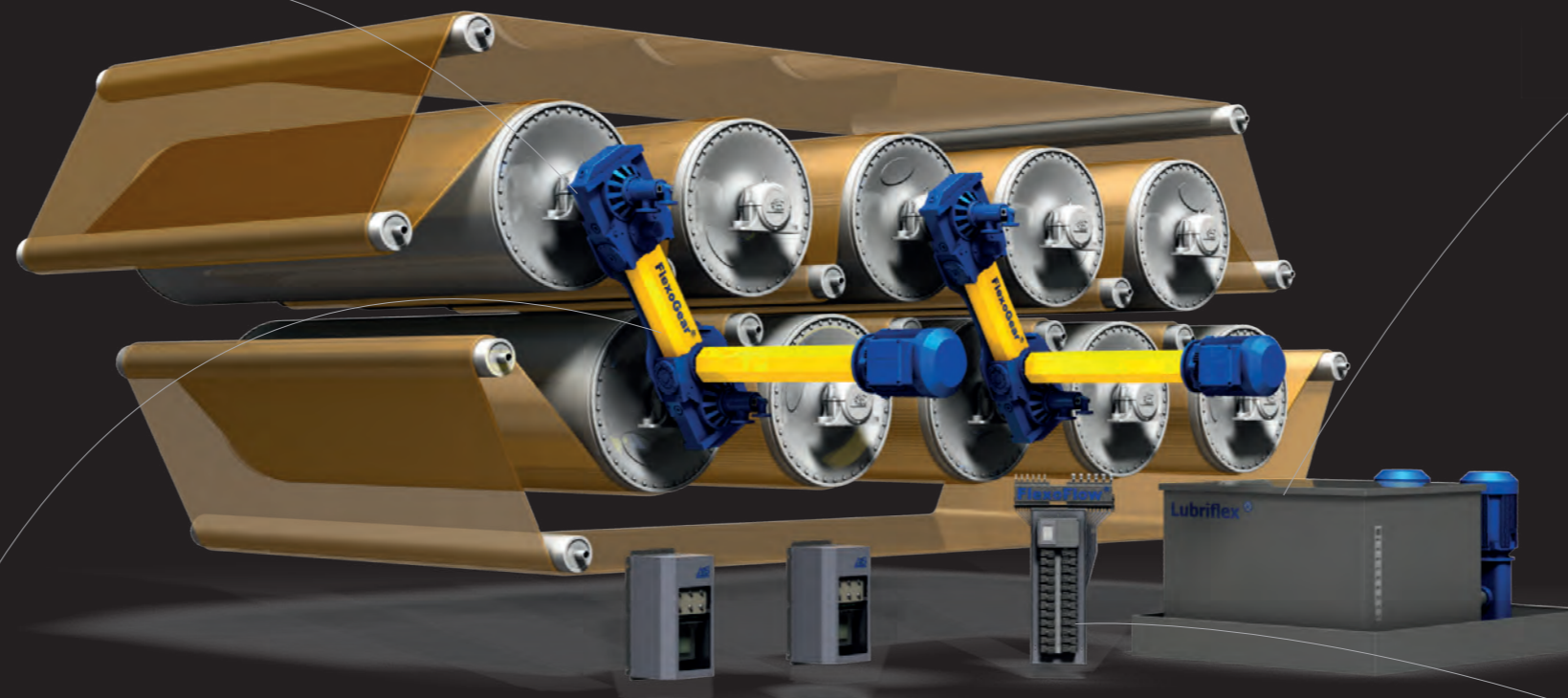
- Only one motor and one frequency converter for each system
- Connection via special torque support with three-dimensional motion compensation = no destruction of the torque support!
- No connection to the frame necessary
- Flexible installation position and arrangement of gearboxes
- Direct connection of the gearboxes with maintenance-free all-steel coupling = no intermediate or distributing gearboxes!



FlexoGear®

The flexible gearbox concept

- Ideal for rebuilds and modification of obsolete dryer group drives e.g. for speed increases
- Considerable reduction of tears
- Improvement of productivity by reducing downtimes



Lubriflex®

Central oil lubrication system

- Provides optimal degassing, purity and operating temperature of the lubricant
- Special degassing system results in minimisation of the oil dwell time = less tank volume is needed
- Removable guide channels facilitate easy cleaning of the whole interior

FlexoFlow® Terminal

Intelligent oil supply station with input and output touch-panel (FlexoPad)

- Can be used as stand alone solution or integrated in the PLC via PROFIBUS or field cabling with digital inputs and outputs
- Ramp function: changing of predefined initial and target values within a predefined timeframe hereby avoiding overflows after cold starts
- Bypass function at the FlexoFlow® enables carrying out of maintenance activities during normal operation
- Drastic reduction of the system pressure is possible = huge energy savings!
- Always the same components = only one spare FlexoFlow® necessary!
- Fast upgrade and downgrade of lubrication points

