



AS Drives & Services

Drives and Lubrication



Drive technology

FlexoDirect®

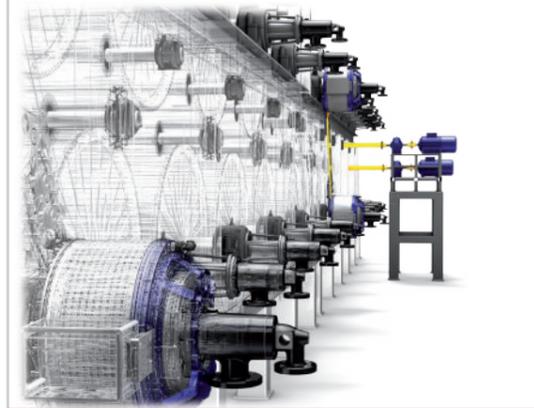


Direct motors

- For the entire paper production
- High efficiency synchronous machine
- Torques up to 57.000 Nm
- High temperature application
- Simple connection on the drive or operator side
- Solid or hollow shaft version
- Slip-on or foot version
- Patented torque support



Engineering



Project planning

- Full service for complete rebuild projects
- Drive design/calculation
- Speed increase, modernization or new equipment
- Tribology projects incl. piping design
- Planning/design/visualization of all components
- Supply of all mechanical components
- Turn-key solutions - from pre-engineering to commissioning - all from one source



FlexoGear®



Special gearbox

- Special gearbox for the dryer section
- Patented torque support
- Ensures no tension in the system
- Hollow shaft gearbox
- Up to four gearboxes can be coupled
- Only one motor required per system
- Connection to cylinder journal via shrink disk
- Passage of steam and condensate



Lubrication and Cooling technology

Cooliflex®



Tempering units

- Cooling water treatment
- Developed for water-cooled components (motor, inverter, plant components)
- Closed primary water circuit
- Incl. integrated control PROFIBUS/PROFINET connection
- Heat recovery function
- Plug and play system



FlexoFlow®



Flow controller

- Monitoring and control of oil or water
- Independent of pressure, temperature and viscosity
- Fully automatic and simultaneous control of all lubrication or cooling points
- Modular design
- Incl. integrated control PROFIBUS/PROFINET connection
- Simple condition monitoring
- From 0,07 - 100 l/min



Lubriflex®



Lubrication unit

- Degassing, cleaning, temperature control and filtration of lubricating oil
- Special degassing system inside the tank halves tank volume compared to conventional systems
- Incl. redundant pumps, filters as well as heaters
- Modular tank volumes up to 8.000 liters and more
- Easy to clean tank interior



Our products



Direct motors



Tempering units



Flow controller



Gearboxes



Lubrication units



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