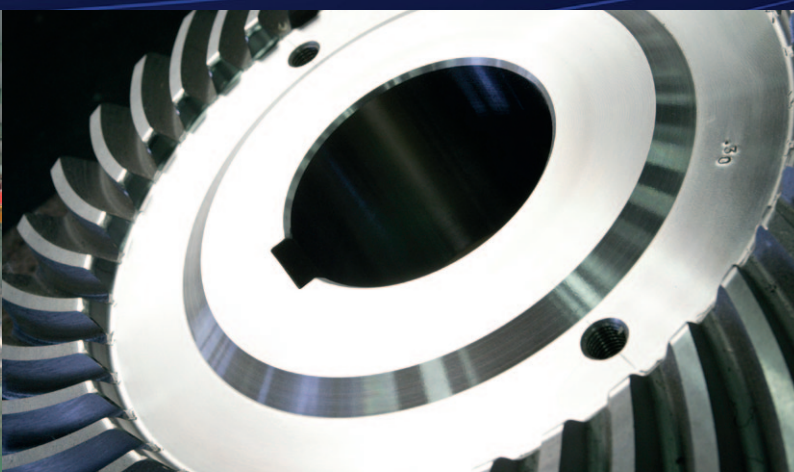




# **Mechanical Power Transmissions**

For paper industry



# Paper industry



# Powerful Drives for Paper, Board and Tissue Making Lines

Kumera Drives is a prominent designer, manufacturer and service provider of mechanical power transmissions. The experience gathered over decades guarantees high expertise and innovative quality products and services for today's paper making industry. Depending on customers' needs, we can offer a product from our standard gear range as well as tailor made solutions just for the special need.

We are working on constant product improvement in close collaboration with our customers, original equipment manufactur-

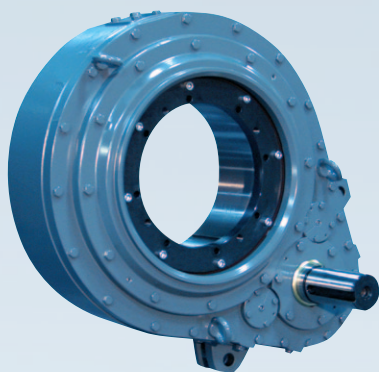
ers (OEMs), research institutes and end-users. This cooperation enables us to adapt the latest technology and new demands set for power transmissions equipment. A goal for all our operations is to improve the customer's efficiency through innovative power transmission solutions.

## Complete Drive Package

In paper process essential requirements for power transmissions are reliability and usability in order to keep the production running. Kumera Drives' complete

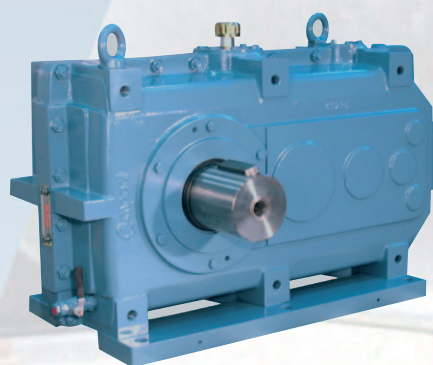
drive system answers to those requirements. Design engineering, drive systems, tailor made replacement gears and modernization projects are our core expertise in power transmissions.

All components in a drive package are integrated into a well-functioning construction. Our delivery includes gear drives, couplings, flexible drive shafts, safety guards and engineering for layout and foundation plates. A customer benefits not only high-quality products but also complete gear service, application expertise and flexibility in engineering.



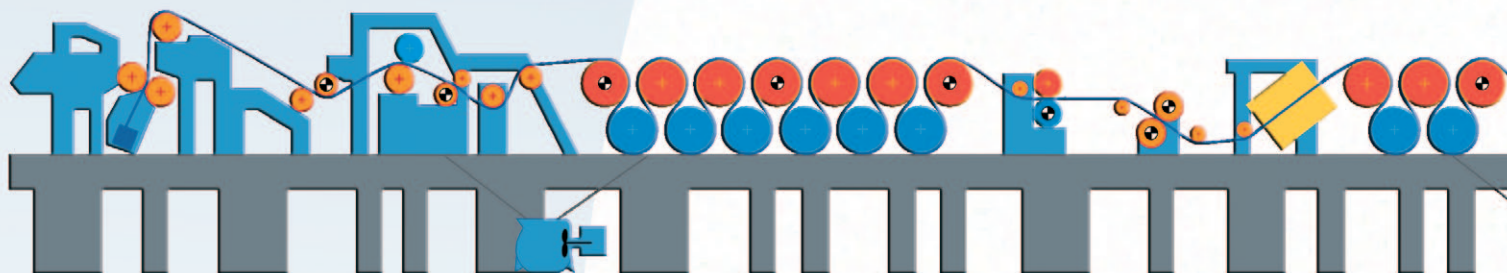
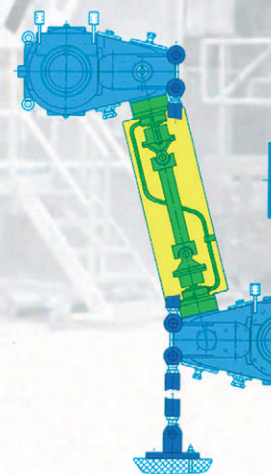
**TP-series**

Output torque max 22,4 kNm  
Gear ratio 2,5 - 5,5

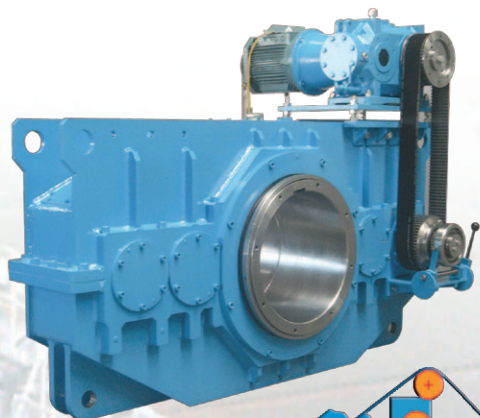


**LG-series**

Output torque max 100 kNm  
Gear ratio 5,6 - 630

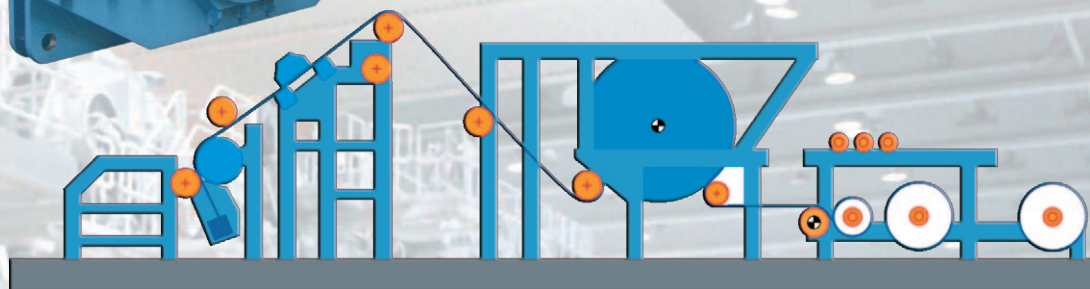


Forming section	Press section	Dryer section	Calander	Sizer	Dryer section
Suction rolls TPS-series LX-series	Suction rolls TPS-series  Deflection compensation rolls TPZ-series  Pulper LX-series	Dryer cylinders TPD-series KT/LT-series  VAC rolls TPV-series  Vacuum Pumps LX-series	Deflection compensation rolls TPZ-series	Sizer rolls LX-series	Dryer cylinders TPD-series KT/LT-series  VAC rolls TPV-series



#### Yankee cylinder drives

Nominal output torque	max 350 000 Nm
Gear ratio	2,5 - 70
Hollow shaft diameter	200 - 600 mm



#### Forming section

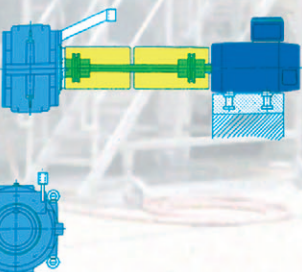
Forming roll  
LX-series

#### Dryer section

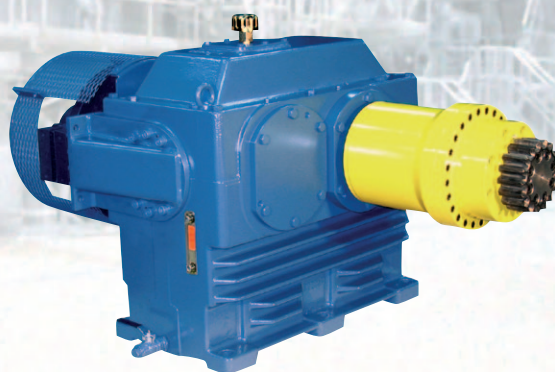
Dryer cylinder  
Yankee cylinder gear units  
Sunday drive  
LF-series

#### Reeling section

Reel drum  
LX-series



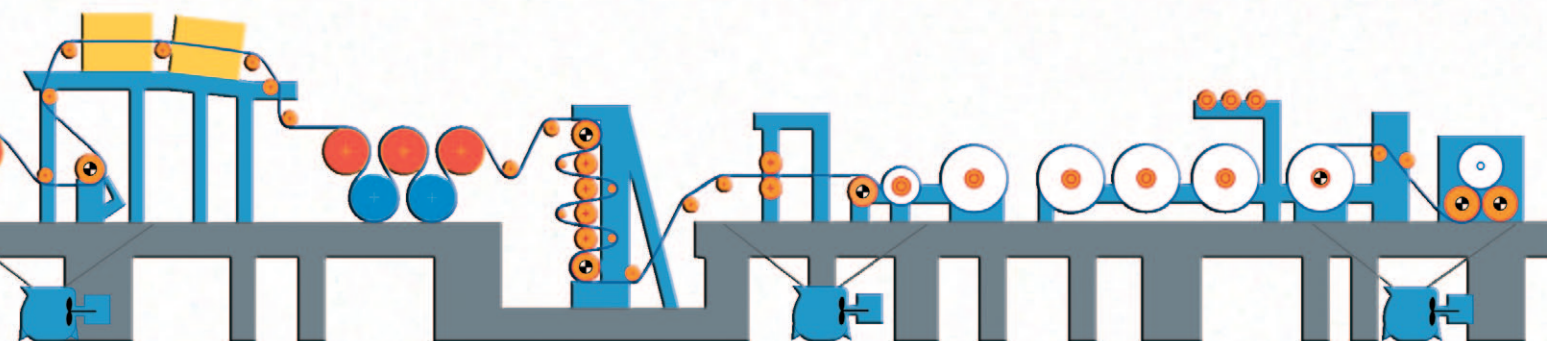
**KT/LT-series**  
Adjustable output shaft hollow  
Flexible cardan shaft



**LPU-series**  
Output torque max 173 kNm  
Gear ratio 1 - 6,3



**LX-series**  
Output torque max 195 kNm  
Gear ratio 1 - 6,3



#### Coating machine

Pulper  
LX-series

#### Dryer section

Dryer cylinders  
TPD-series  
KT/LT-series

VAC rolls  
TPV-series

#### Multi-nip calender

Deflection  
compensation  
rolls  
TPZ-series

#### Reeling section

Pulper  
LX-series

#### Winder section

Jumbo roll couplings  
Unwind section  
LPU-series  
LPW-series

Wind up section  
LX-series

Pulper  
LX-series



## Kumera Power Transmission Group



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