

Kumera Power Transmission Group



KUMERA DRIVES OY

Address: Kumerankatu 2
FI-11100 Riihimäki
FINLAND
Telephone: +358 20 755 4200
Telefax: +358 20 755 4220
E-mail: drives@kumera.com



KUMERA AS

Address: P.O. Box 2043
N-3202 Sandefjord
NORWAY
Telephone: +47 33 485 454
Telefax: +47 33 485 455
E-mail: sales@kumera.no



KUMERA ANTRIEBSTECHNIK GMBH

Address: Raiffeisenstrasse 38 - 40
A-8010 Graz
AUSTRIA
Telephone: +43 316 471 524-0
Telefax: +43 316 462 550
E-mail: kumera.graz@kumera.com

FOR PAPER INDUSTRY



www.power-plaza.com



www.kumera.com



誥鑫企業有限公司
ARITH COMPANY LTD.
地址: 台北市復興北路427巷30號
電話: (02)2717-5038
傳真: (02)2717-5039
e-mail: taipei@arith.com.tw
網址: <http://www.arith.com.tw>



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ARITH COMPANY LTD.
地址：台北市復興北路427巷30號
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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 manufacturers (OEMs), research institutes and

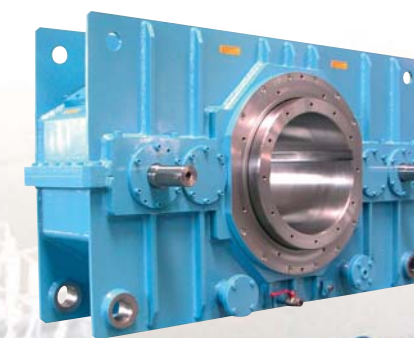
end-users. This cooperation enables us to adapt the latest technology and new demands set for power transmissions equipment. A goal for all our operations is to improve the customer's efficiency through innovative power transmission solutions.

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 en-

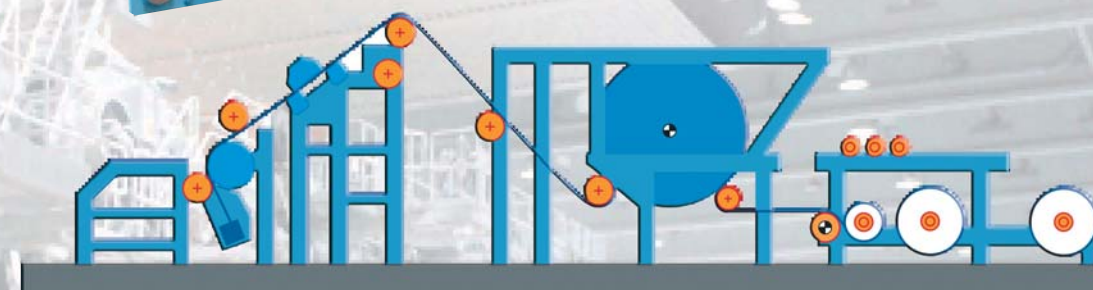
gineering, drive systems, tailor made replacement gears and modernization projects are our core expertise in power transmissions.

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.



Yankee cylinder drives

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



Forming section

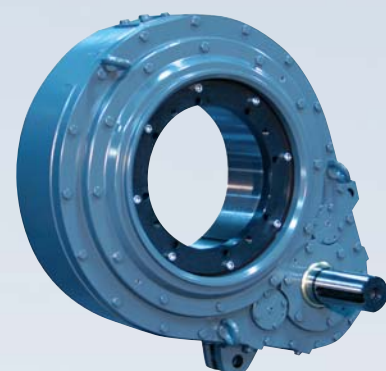
Forming roll
LH-series

Dryer section

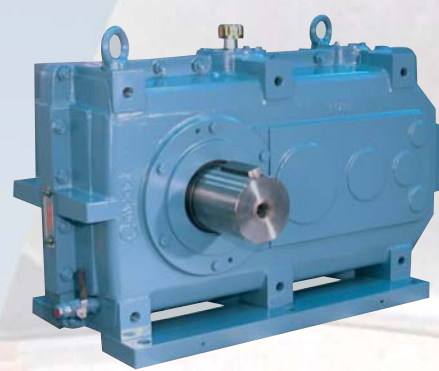
Dryer cylinder
Yankee cylinder gear units
Sunday drive
LG-series

Reeling section

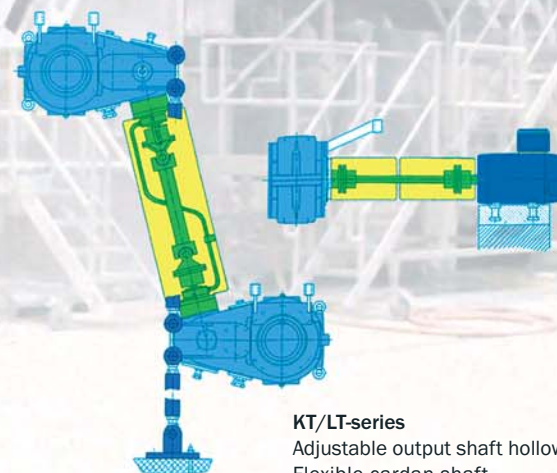
Reel drum
LH-series



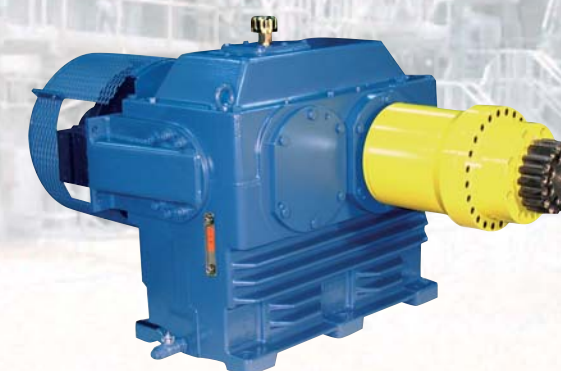
TP-series
Output torque max 22,4 kNm
Gear ratio 2,5 - 5,5



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



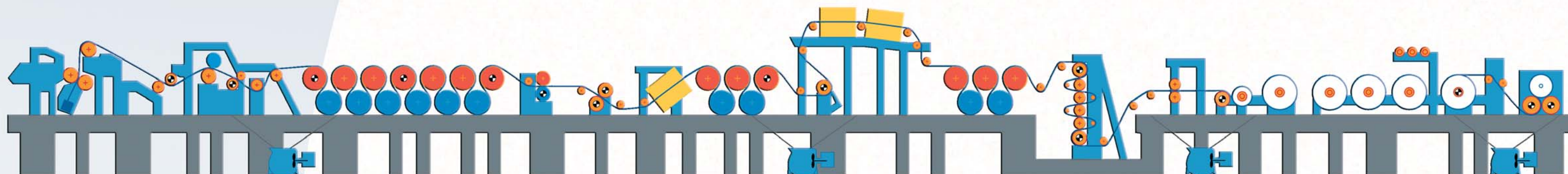
KT/LT-series
Adjustable output shaft hollow
Flexible cardan shaft



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



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



Forming section

Suction rolls
TPS-series

Press section

Suction rolls
TPS-series
Deflection compensation rolls
TPZ-series
Pulper
LH-series

Dryer section

Dryer cylinders
TPD-series
KT/LT-series
VAC rolls
TPV-series
Vacuum Pumps
LH-series

Calander

Deflection compensation rolls
TPZ-series

Sizer

Sizer rolls
LH-series

Dryer section

Dryer cylinders
TPD-series
KT/LT-series
VAC rolls
TPV-series

Coating machine

Pulper
LH-series

Dryer section

Dryer cylinders
TPD-series
KT/LT-series
VAC rolls
TPV-series

Multi-nip calander

Deflection compensation rolls
TPZ-series

Reeling section

Pulper
LH-series
LPR-series

Winder section

Jumbo roll couplings
Unwind section
LPU-series
LPW-series
Wind up section
LH-series
Pulper
LH-series