



# Mechanical Power Transmissions

For pulp industry



# Pulp industry

# Powerful Drives for Pulp Making Line

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 pulp 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.

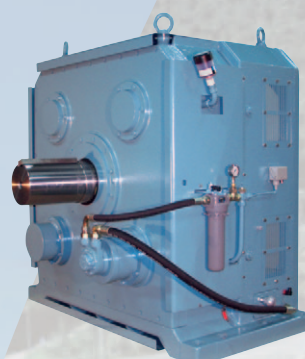
Kumera Drives expertise in power transmissions for pulp and paper making begins from the understanding of the requirements set for the customer's process and end product.

Choosing the right mechanical drive unit for individual applications in the pulp making has a decisive effect on the functionality and the efficiency of the whole process affecting the end product quality. Kumera Drives supplies all the necessary drive units for wood handling, mechanical and chemical pulp processing, chemical recovery and pulp dewatering.

Long lifetime, running reliability and low noise and vibration levels of gear units are achieved by studying persistently our customers' demanding pulp processes. Easy and preventive maintenance, and a global service network improves operational reliability minimizing damages and costs of shutdowns.



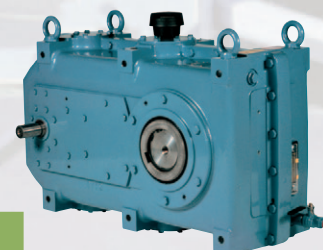
**Girth Gears**  
 Output torque max 4000 kNm  
 Gear ratio 4 - 16



**CHG-series**  
 Output torque max 300 kNm  
 Gear ratio 1 - 7,1



**VLA-series**  
 Output torque max 150 kNm  
 Gear ratio 1 - 6,8



**G-series**  
 Output torque max 100 kNm  
 Gear ratio 6,3 - 630

| Wood handling  |  | Fiber line / Pulpi  |   |
|--|--|---|---|
| <b>Debarking drum</b><br>- VLA-series<br>- BDG-series<br>- LD-series<br>- Girth Gear | <b>Flight conveyor</b><br>- RG-series<br>- TG-series<br><br><b>Belt conveyor</b><br>- RG-series<br>- TG-series | <b>Classifiers</b><br>- SGL-series<br>- TFBM-series<br>- SGTM-series<br><br><b>Air lock screw feeder</b><br>- TG-series | <b>High/low pressur</b><br>- RGM-series<br>- LGAM-series<br><br><b>Double diffuser</b><br>- VLAM-series |
| <b>Chipper</b><br>- VLA-series<br>- CHG-series<br>- LX-series                        | <b>Screw conveyor</b><br>- RF-series<br>- TF-series  | <b>Double screw chip meter</b><br>- TG-series   | <b>Tower scraper</b><br>- LEM-series<br>- SGLM-series<br>- SELM-series                                  |
| <b>Screw reclaimers</b><br>- D-series<br>- G-series                                  |  | <b>Top separator</b><br>- SGR-series<br>- SGL-series  | <b>Bottom scraper</b><br>- SGLM-series<br>- SELM-series   |



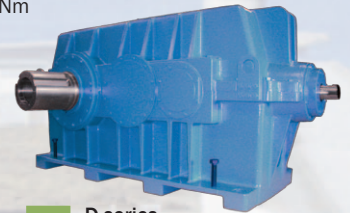
**LEM-series**  
Output torque max 150 kNm  
Gear ratio 5,6 - 630



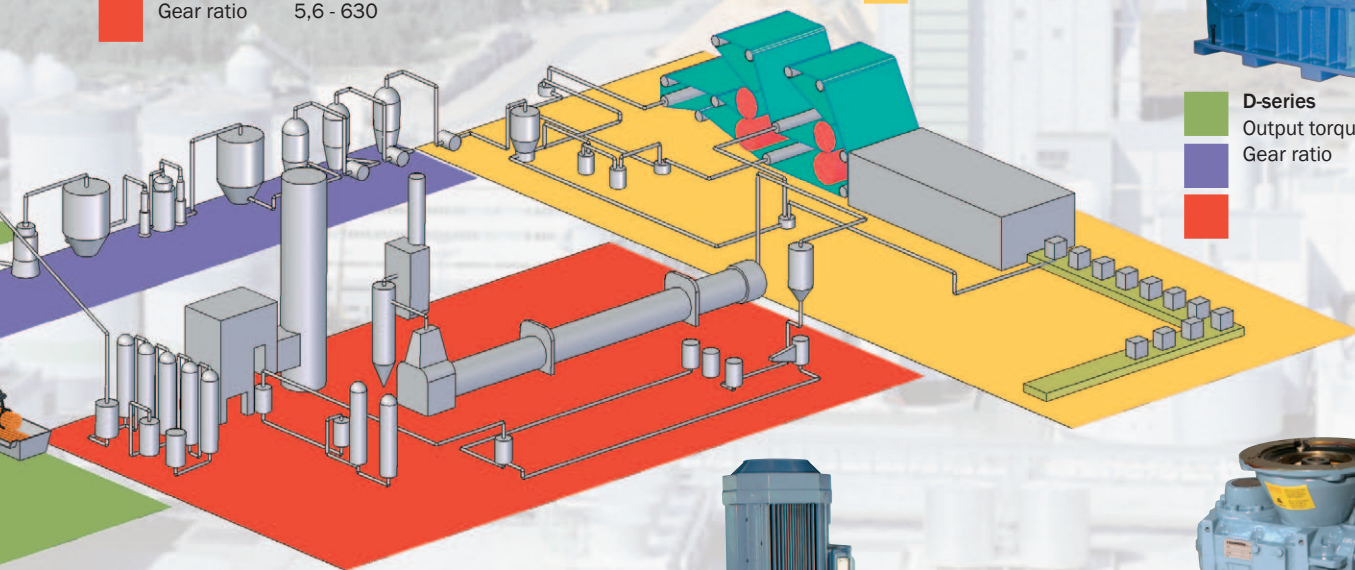
**SELM-series**  
Output torque max 840 kNm  
Gear ratio 5,6 - 630



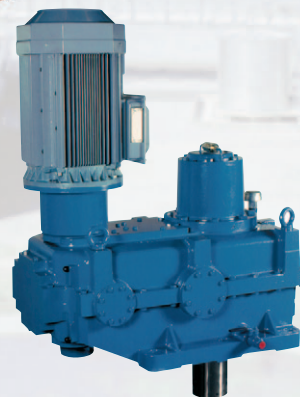
**LX-series**  
Output torque max 195 kNm  
Gear ratio 1 - 6,3



**D-series**  
Output torque max 800 kNm  
Gear ratio 5,6 - 630



**F-series**  
Output torque max 12 kNm  
Gear ratio 7,1 - 1600



**SG-series**  
Output torque max 100 kNm  
Gear ratio 5,6 - 100



**SF-series**  
Output torque max 12 kNm  
Gear ratio 5,6 - 100

**Chemical recovery**

| Chemical recovery   | Pulp dewatering   |
|---|---|
| <b>Chemical recovery</b><br>Lime kiln<br>- LD-series<br>- KF-series<br>- Girth gear segments<br><br>Causticizing<br>- TG-series<br>- CAM-series<br>- CTM-series<br><br>Fresh lime feeder<br>- TFCM-series<br><br>Lime slaker-classifier<br>- SELM-series<br>- LFDM-series<br><br>CD-filters<br>- TG-series<br>- CAM-series<br>- CTM-series<br><br>Lime mud storage agitator<br>- SELM-series<br><br>Aerator<br>- SF-series<br>- SG-series | <b>Pulp dewatering</b><br>Lime mud disc filter<br>- TG-series<br>- TF-series<br><br>Reburnt lime feeder<br>- TFCM-series<br><br>Classifiers<br>- TFBM-series<br>- SGTM-series<br>- SGL-series<br><br>Twin wire former<br>- LD-series<br>- LGA-series<br><br>Vacuum pums<br>- LX-series<br><br>Double wire press<br>- LGA-series<br>- LFA-series<br>- KFA-series<br>- XLB-series |

## Kumera Power Transmission Group



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