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## Other Kumera Drive Units



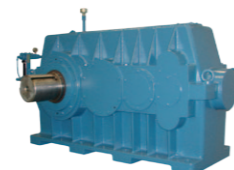
HELICAL GEAR UNITS,  
CUMPACT F-RANGE



HELICAL GEAR UNITS,  
CUMPACT G-RANGE



ONE STAGE HELICAL  
GEAR UNITS  
KUMERA LX-RANGE



HEAVY DUTY HELICAL  
GEAR UNITS,  
CUMERA D-RANGE



BEVEL GEAR UNITS,  
CUMPACT F-RANGE



BEVEL GEAR UNITS,  
CUMPACT G-RANGE



AGITATOR GEAR UNITS,  
SG-RANGE



HEAVY DUTY AGITATOR  
GEAR UNITS,  
E-RANGE



WORM GEAR UNITS,  
COVERA RANGE



COMBINATION HELICAL AND  
WORM GEAR UNITS,  
COVERA RANGE



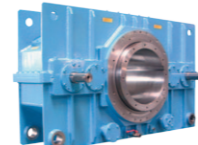
DOUBLE WORM GEAR UNITS,  
COVERA RANGE



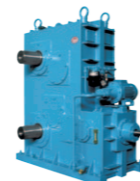
WIND UP AND UNWIND  
GEAR UNITS,  
LP-RANGE



ONE STAGE HELICAL  
GEAR UNITS,  
CUMERA LH-RANGE



YANKEE CYLINDER  
GEAR UNITS



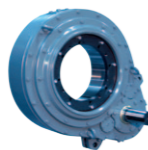
SPECIAL GEAR UNITS



BEVEL GEAR UNITS,  
KA-RANGE



FRONT END GEAR UNITS,  
NORGEAR-RANGE



INTEGRATED ROLL  
GEAR UNITS,  
TP-RANGE



PLANETARY  
GEAR UNITS,  
P-RANGE



CONDITION MONITORING  
GUARD GEAR 200

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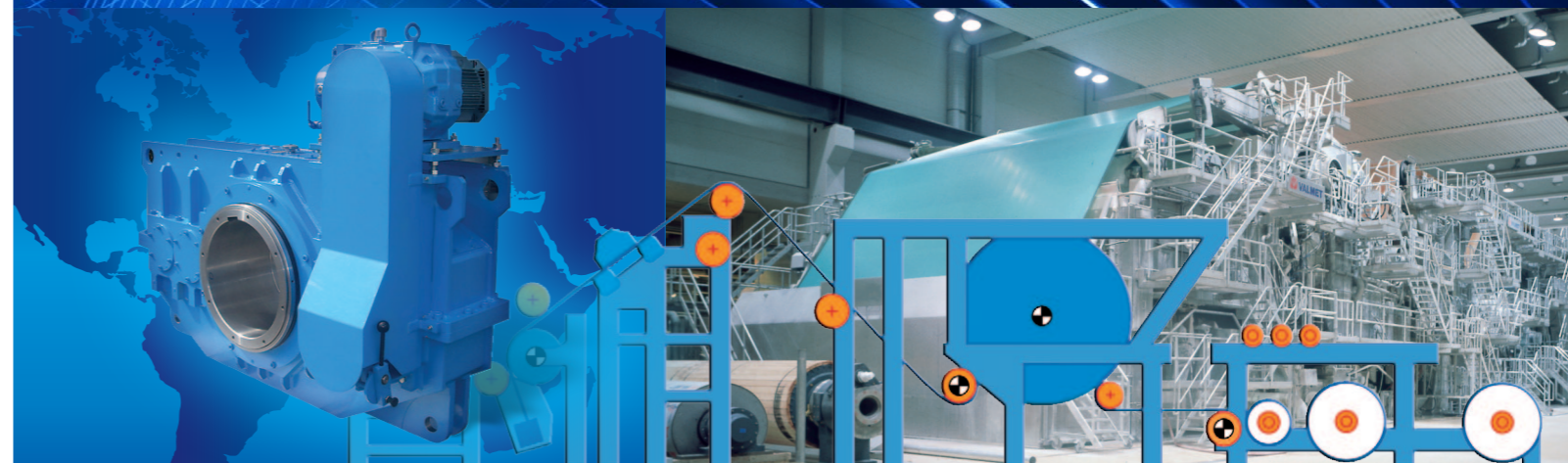


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# Yankee Drives

New Generation!

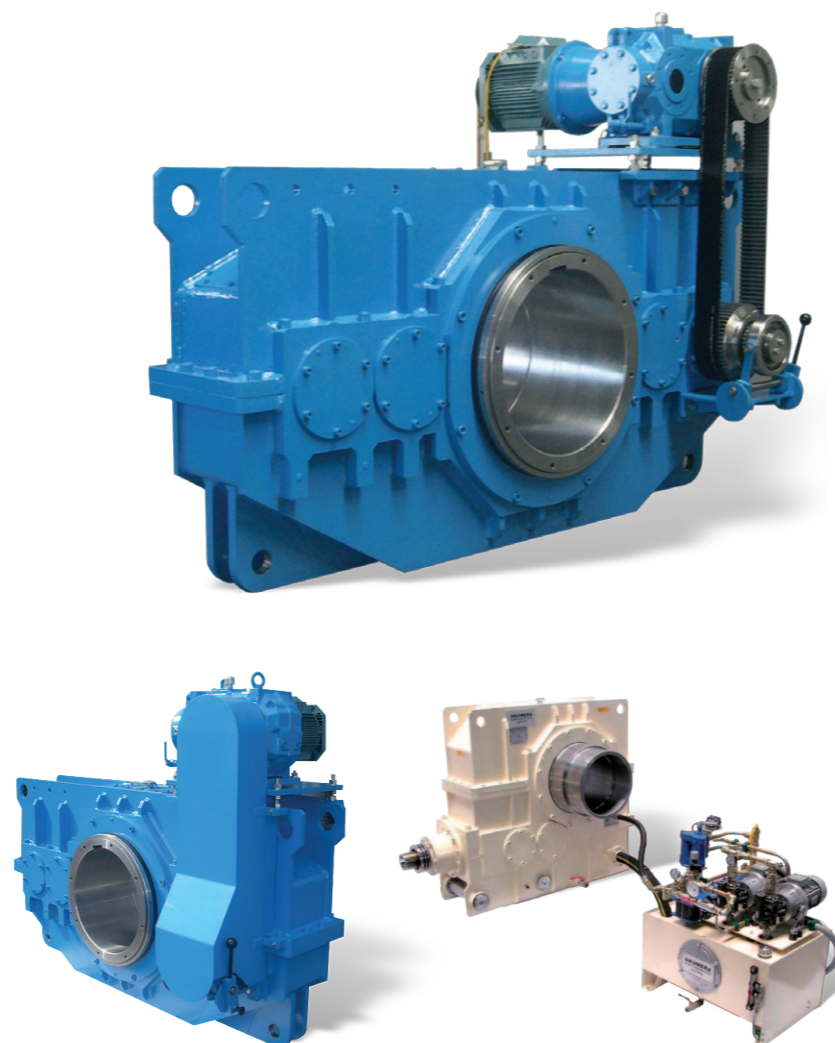


# Yankee Drives

# KUMERA Yankee Drives

## New Generation! New Features!

- Weight and stress optimized structure of gear box housing.
- Optimized oil supply for each tooth contact and each bearing.
- Optimized cooling system (optional).
- Integrated fail-safe operation in case of delay from the central lubrication station.
- Long-life sealing system on the output shaft.
- Integrated threads for vibration monitoring system.
- Oil level inside the gear box is variable depending on the dimension of the last stage – adjustable without opening the housing.
- Complete oil piping inside the gear box - protected from the outside damage.
- Variable mounting of the torque arm depending on the steel structure near the gear box.
- Optimized standard range means short delivery time!



### Gear design:

- Bevel-helical gear units
- Helical gear units

### Lubrication according to specification:

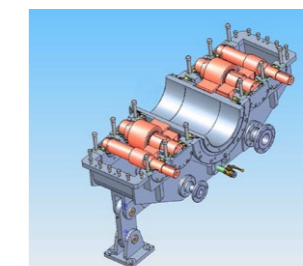
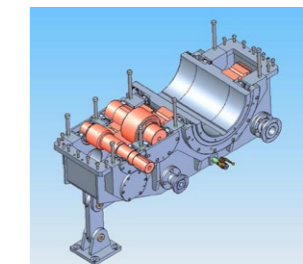
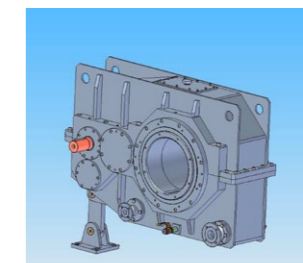
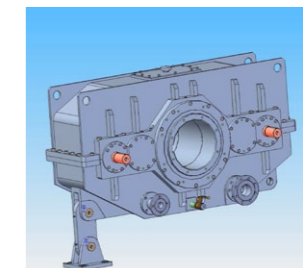
- Splash lubrication
- Forced lubrication
- Connection to central oil lubrication system

### Hollow shaft design:

- With keyway
- With shrink disk
- Special design according to customer specification

### Accessories:

- Torque arm
- Forced lubrication station
- Complete lubrication station with tank
- Sunday drive
- Torque flange for input shaft
- Elastic coupling for input shaft
- Other accessories according to customer specification



### Technical data

		Minimum	Maximum
Nominal power of drive	kW	-	3 000
Nominal output torque of drive	Nm	21 000	500 000
Input speed of drive	rpm	-	2 500
Gear ratio		2,5	70
Hollow shaft diameter	mm	200	600
Number of gear stages		1	3
Number of input shafts		1	2
Weight	kg	1000	10 000
Steam temperature through hollow shaft	°C		150
Lifetime of bearings	h	80000	

### Standard sizes

Size *	1 input shaft	2 input shafts
yzg-355	standard	standard
yzg-400	standard	standard
yzg-450	standard	standard
yzg-500	standard	standard
yzg-560	standard	standard

\*Center distance in mm of the last stage in the gear box.

Sizes smaller than 355 and greater than 560 are not standard sizes, but they are available on customer preference.

Standard sizes are with helical gears. Bevel gears can be equipped optionally.