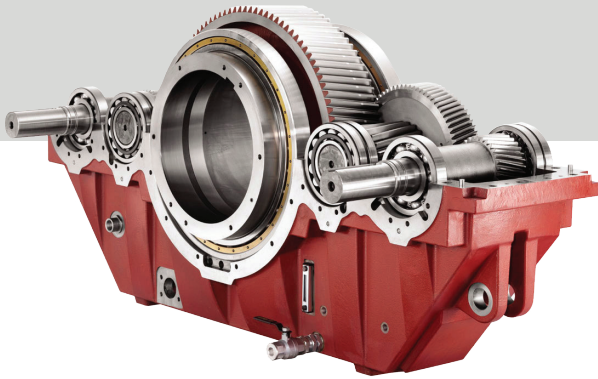


Yankee Cylinder Gear Series

Hollow shaft mounted 2-3 stage and 1-2 motor drive helical gear units



Developed for tissue machine application, Santasalo's Yankee cylinder drive units, are based on a completely new technological solution to meet the requirements of today's high-speed tissue machines. The design of this series places special emphasis on its cost-effective and maintenance friendly structure in order to reduce the lifecycle costs of Yankee cylinder drive units. With more than five decades of experience in supplying Yankee cylinder drives to leading tissue manufacturers worldwide, we have built a unique understanding and application-related competence in tissue machine dryer section drives.

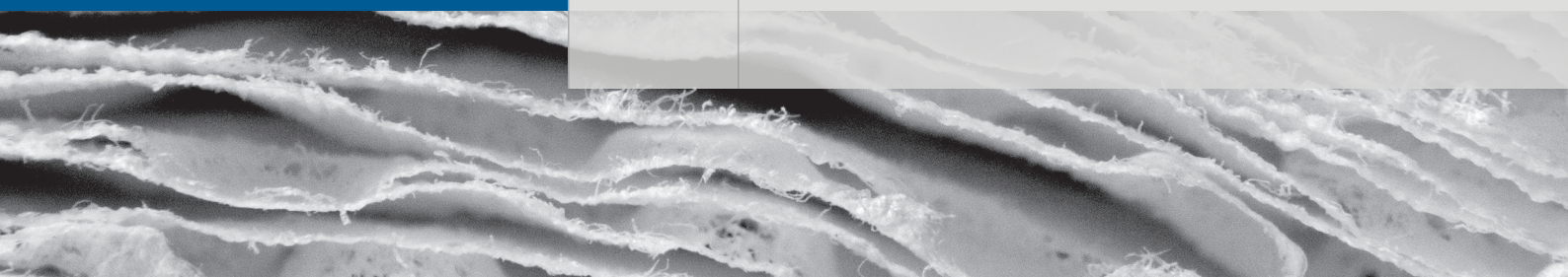
- Single and double input options available
- Optimal solution for production optimised tissue machines
- Turn-key delivery including all required accessories
- Cost-effective and maintenance friendly structure
- Low lifecycle costs due to easy maintenance

TECHNICAL DATA

Design Sizes	8
Number of Stages	2-3
Transmission Ratio	5 -140:1

Geared for Industry

Tissue
Machines



Design features

- Three sizes of two stage one-motor drive shaft mounted units
- Three sizes of three stage one-motor drive shaft mounted units
- Two sizes of two stage two-motor drive shaft mounted units
- Advanced design housing
 - All shafts at the same joint plane for easy maintenance
 - Modern design utilizing 3D layout planning and Finite Element Method analysis
 - Easy fit with different auxiliaries and instrumentation according to customer needs, e.g. measurement of axial and radial vibration and temperature
- Can be equipped with a Sunday drive system
- Maintenance free labyrinth seals in two-motor drive gear units
- Steam joint can be connected to the gear unit
 - Able to handle up to 42 kN axial forces

One-motor drive units (2 or 3TMG)

Gear unit size	Hollow bore range
450	240...330 mm
500	320...430 mm
560	420...510 mm

Two motor drive units (2D2PHT)

Gear unit size	Hollow bore range
100	340...430 mm
110	430...540 mm

Geared For Service

Getting the most from your process equipment calls for a long-term, proactive approach to service and maintenance. Santasalo provides service solutions across the entire lifecycle of your machines.

- Service & repairs
- Reverse engineering
- Field service
- Condition monitoring
- Upgrades & modernisation
- Replacement units and spare parts

Our Locations

Americas

Brazil, São Paulo
T: + 55 15 3031 5300
E: brasil@santasalo.com

Canada, Ontario
T: + 1 519 621 6390
E: canada@santasalo.com

Chile, Santiago
T: + 562 2920 6778
E: chile@santasalo.com

USA, Greenville, SC
T: + 1 864 627 1700
E: usa@santasalo.com

Europe

Finland, Jyväskylä
T: + 358 20 184 7000
E: finland@santasalo.com

France, Bordeaux
T: + 33 547 745 402
E: france@santasalo.com

Germany, Wuppertal
T: + 49 202 24 14 0
E: germany@santasalo.com

Sweden, Gothenburg
T: + 46 31 710 20 50
E: sweden@santasalo.com

Asia Pacific

Australia, Somersby
T: + 61 2 4340 2338
E: australia@santasalo.com

China, Suzhou
T: + 86 512 6299 8852
E: suzhou@santasalo.com

China, Beijing
T: + 86 10 6775 6792
E: beijing@santasalo.com

info@santasalo.com
www.santasalo.com