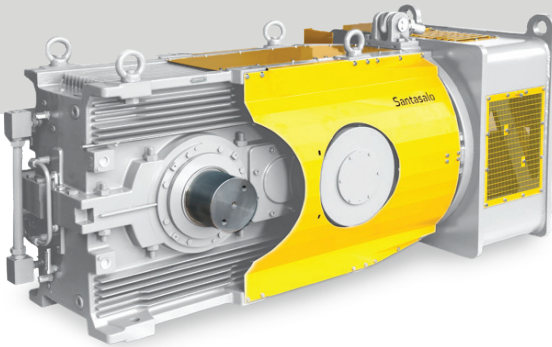


XO Gear Unit Series

High thermal capacity,
three stage, bevel helical gear units



Gear units located in harsh or remote environments where external cooling is not available require tremendous reliability. Santasalo's XO gear unit incorporates a bidirectional axial fan and optimised housing design, providing high thermal capacity and eliminating the need for external cooling in extreme ambient conditions. Robustly built, Santasalo XO gear units feature Santasalo's proven drive technology in operation in hundreds of locations around the world.

- Designed and manufactured for demanding material handling applications
- Reversible operational direction
- Changeable mounting positions
- No requirement for external cooling due to an optimised structure
- Self aligning structure for reduced operational costs
- Easy to transport and locate without risk of damages

TECHNICAL DATA	
Design Sizes	5
Number of Stages	3
Power Range	up to 2300 kW
Transmission Ratio	14-40
Nominal Output Torque	up to 290 kNm

XO: Geared for Industry

Minerals &
Mining

Fiber, Paper
& Tissue

Sugar
Processing

Cement

Power
Generation



XO Standard Equipment

- Flexible HSS fluid coupling with brake disc
- Disc brake
 - Manual brake release option
 - Brake release indication
- Fan with reversible rotation
- Rigid LSS coupling with shrink disc
- Backstop
- Adjustable torque arm with ball eye

XO Optional Equipment

- Mechanical thermometer
- Double water cooling coil
- Temperature, vibration and oil level sensors and condition monitoring available
- Hollow low speed shaft
- Auxiliary drive with freewheel

Geared For Service

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



Our Locations

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