

XO Gear Unit Series

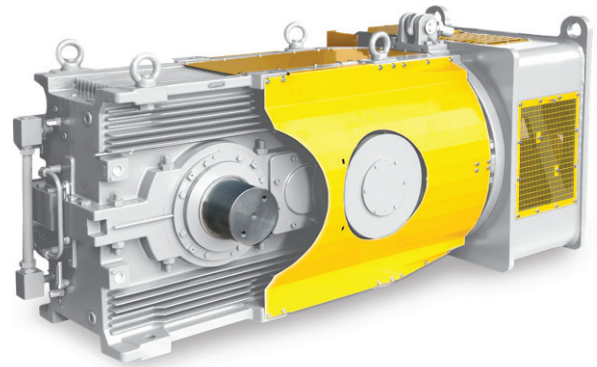
High thermal capacity, three stage, bevel helical gear units

Gear units located in harsh or remote environments where external cooling is not available require tremendous reliability. David Brown Santasalo's XO gear unit incorporates a bi-directional axial fan and optimised housing design, providing high thermal capacity and eliminating the need for external cooling in extreme ambient conditions.

Robustly built, David Brown Santasalo XO gear units feature our proven drive technology in operation in hundreds of locations around the world.

Key benefits:

- 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 damage



Technical data	
Design Sizes	5
Number of Stages	3
Power Range	up to 2,300 kW
Transmission Ratio	14-40
Nominal Output Torque	up to 290 kNm

Cement
Fibre, paper & tissue
Mining & minerals
Power generation
Sugar

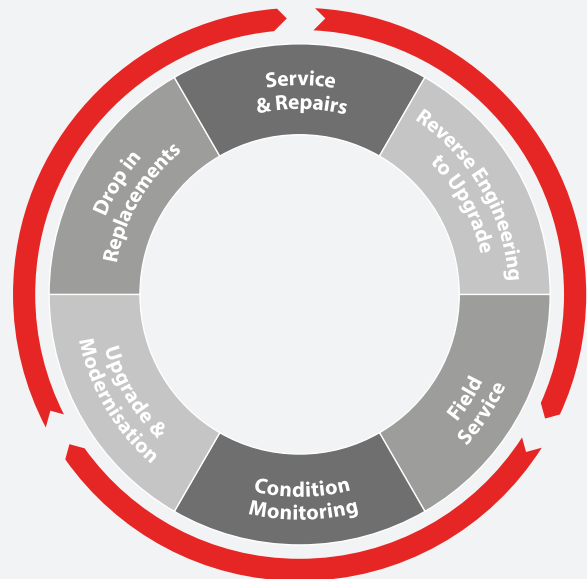


XO standard equipment

- 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. David Brown Santasalo provides proactive service across the entire lifecycle of your machines.

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