



Sumitomo Drive Technologies

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Sumitomo, Hansen and Seisa. Three brands, one global power transmission solutions provider. Sumitomo Drive Technologies has facilities strategically located throughout the world, providing comprehensive products and services in your region.

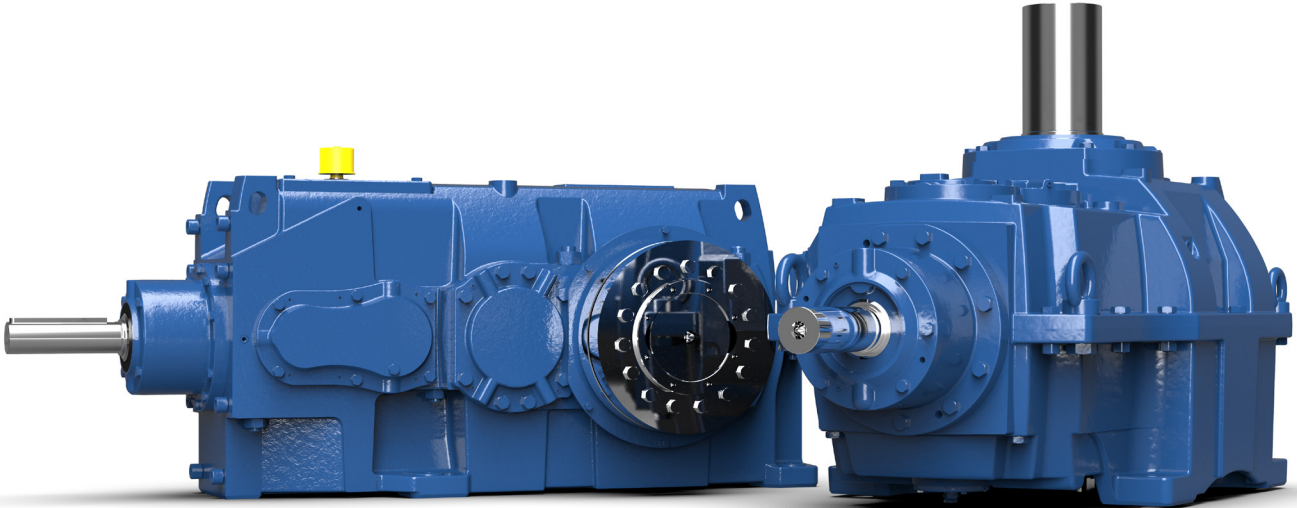


- ★ MANUFACTURING HUB
- ASSEMBLY & SERVICE
- ▲ REGIONAL SALES OFFICE

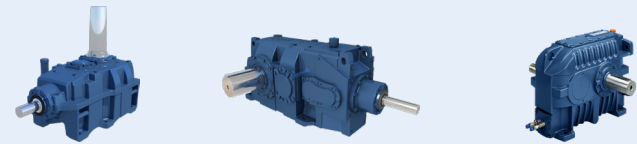
Sumitomo Machinery Corporation of America
www.SumitomoDrive.com

For worldwide locations, please visit www.sumitomodrive.com/worldwide
Contact your local representative at www.sumitomodrive.com/representative
Tel: 1-800-SM-CYCLO (762-9256) 01.H02.51.002 P4 Brochure 2020

P4 HANSEN P4



- Vertical
- Horizontal
- Single-Stage



VARIATIONS

- Hollow Shaft - Shrink Disc
- Normal Solid Shaft
- Hollow Shaft - Keyed
- Oversized Solid Shaft
- Extended Bearing Housing

VERTICAL SHAFT OPTIONS

- Extended Bearing
- Pilot or Flange Mount
- Hollow Shaft



OUTPUTS

SPLIT HOUSING

Rugged, split housing for horizontal and vertical applications. Round housing tops help keep the unit free from debris.

GEARS

High torque geometry in low-speed gears. Low-noise geometry in high-speed gears.

PINION SHAFTS

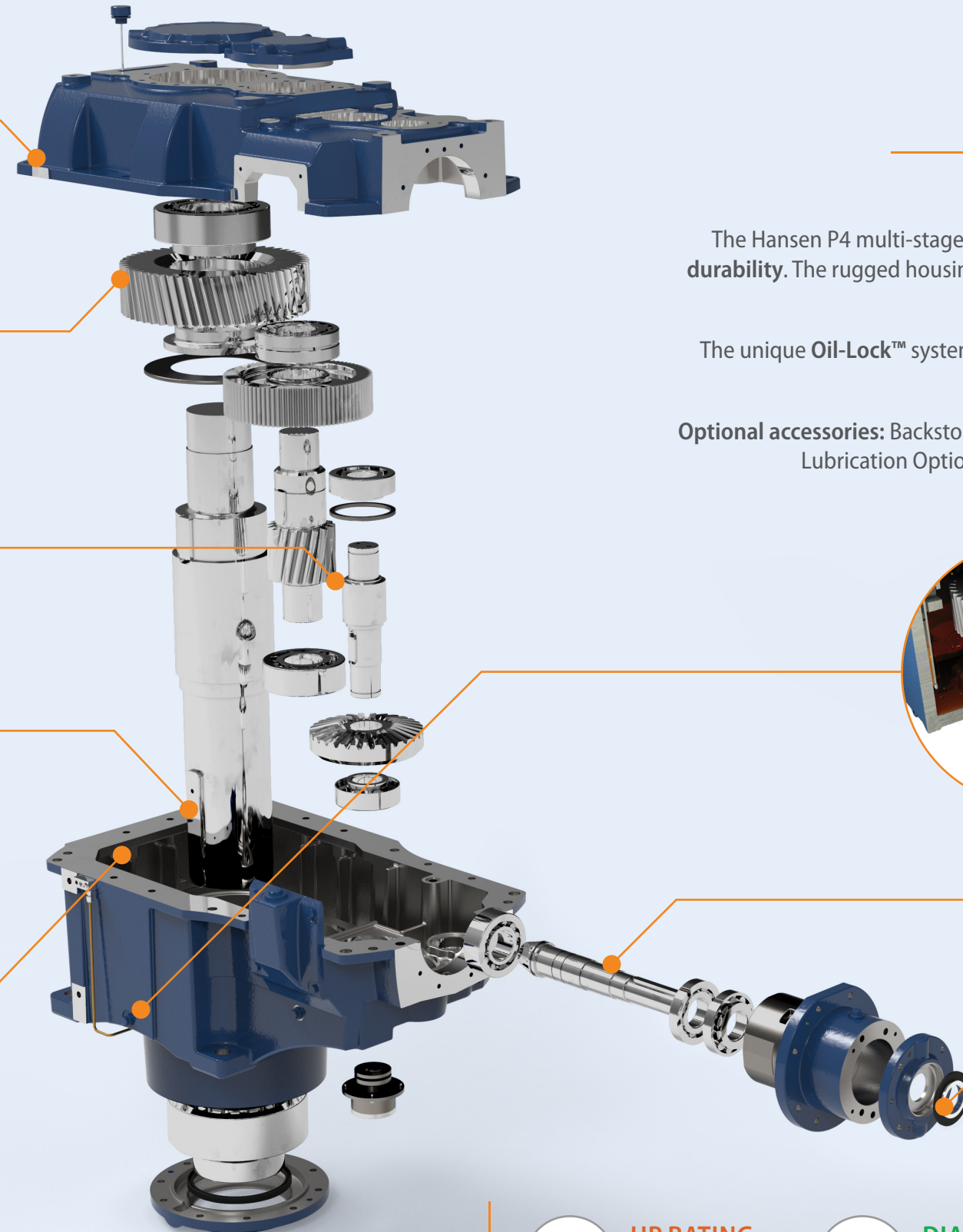
Rigid standardized pinion shafts and housings for better lateral load distribution.

SLOW-SPEED SHAFT

Shaft projections include captured keyways with rounded end key inserts to eliminate stress concentrations.

INTERNAL HOUSING

Exceptional construction ensures bearings are lubricated at start-up to maximize reliability and life.



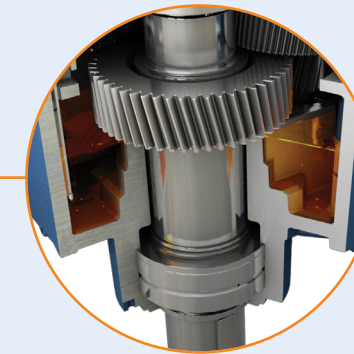
P4 HANSEN P4

REMARKABLE POWER AND PERFORMANCE WITH LOW NOISE

The Hansen P4 multi-stage gear unit is market leading in quality and technology, excelling in reliability and durability. The rugged housing, along with our commitment to innovating state-of-the-art technology, provides remarkable power and performance.

The unique Oil-Lock™ system offers a maintenance-free seal on high speed shaft extensions, designed to keep the oil in and dirt out.

Optional accessories: Backstops, Motor Mount Options, Multiple Sealing Upgrades, Various Heating, Cooling, and Lubrication Options, Heavy Duty Paint or Packaging Options, and Complete Drive Package Solutions.



INTEGRATED DRYWELL

Cast into 3 and 4 stage vertical housings mean this option provides a truly leak-proof low-speed shaft.

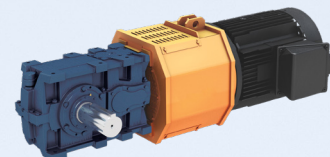
HIGH-SPEED SHAFT

Extra long high-speed shaft projections suitable for interference-free coupling connections.

MAINTENANCE-FREE OIL-LOCK®

Standard high-speed seal arrangement.

OPTIONS



UniMiner

Flippable housing and horizontal split line make the ideal alignment-free drive package for mining

SPECS



HP RATING
Up to 14,080 HP
(10,500 kW)



DIAMETER
80mm to 400mm
(Solid, Heavy-Duty,
and Hollow)



TORQUE
Up to 9.7 million lb•in
(1.1 million N•m)



RATIO RANGE
Up to 630:1 (Custom
ratios available)