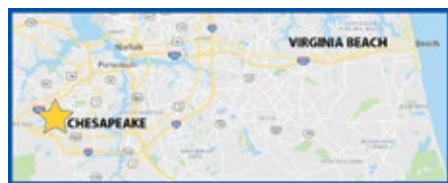


A global power transmission solutions provider, with facilities strategically located throughout the world, providing comprehensive products and services in your region.

HANSEN P4

PARALLEL & RIGHT ANGLE LARGE INDUSTRIAL GEARBOXES

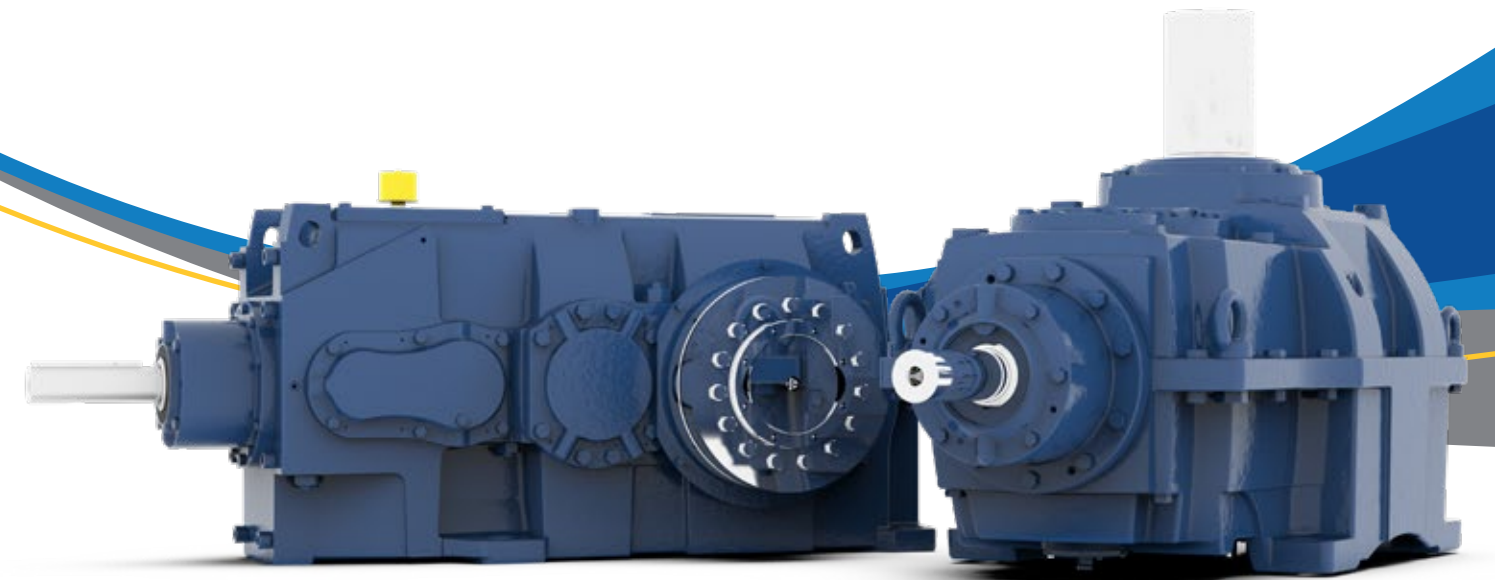
Headquarters



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Email: SMA.CustomerService@shi-g.com
Phone: 757-485-3355

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



• **Keyed Hollow Bore**



• **Extended Bearing Housing**



• **Oversized Solid Shaft**



• **Normal Solid Shaft**



MIXER 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.



HANSEN P4

REMARKABLE POWER AND PERFORMANCE WITH LOW NOISE

The Hansen P4 multi-stage gearbox 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.

GEARS

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



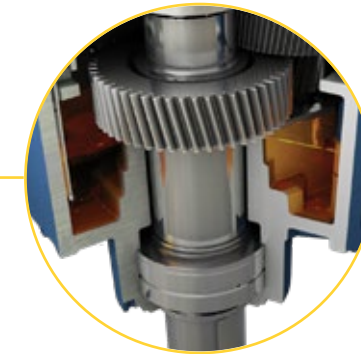
PINION SHAFTS

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.



INTEGRATED DRYWELL

Cast directly into 3- and 4-stage vertical housings, this integrated drywell provides a truly leak-proof, low-speed shaft solution.

HIGH-SPEED SHAFT

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



LUBRICATION

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

MAINTENANCE-FREE OIL-LOCK®

Standard high-speed seal arrangement.

VARIATIONS

Vertical



Horizontal



Single-Stage



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)