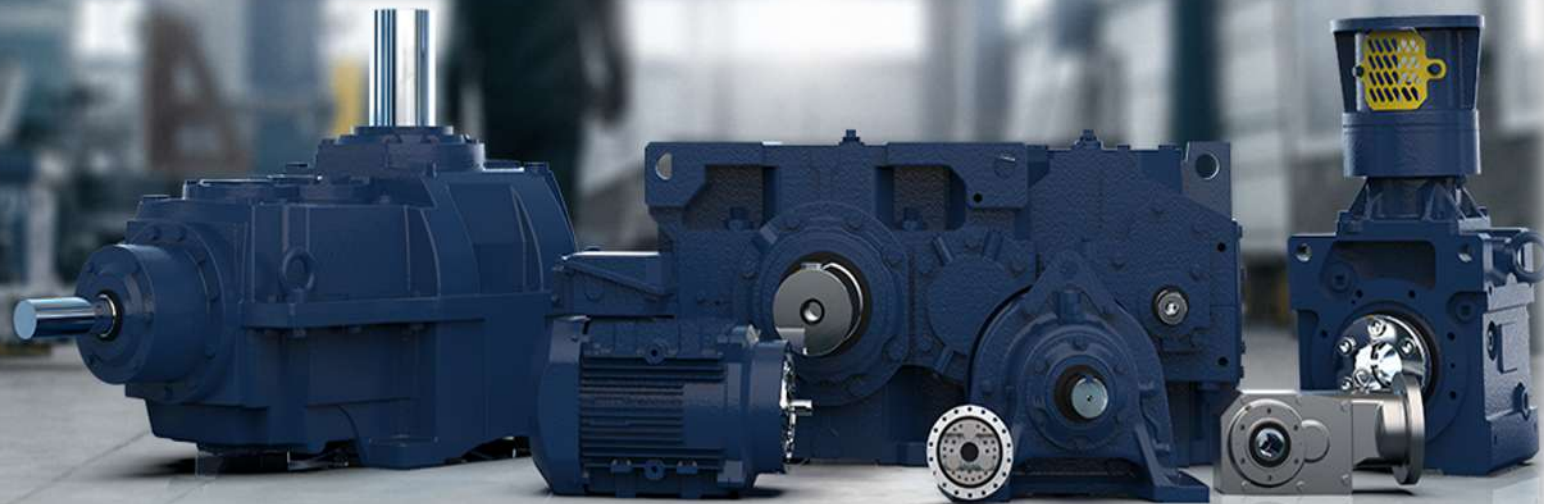


iGear is the eminent distributor of Sumitomo Drive Technologies, which manufactures a broad range of premier power transmission products to keep customers' operations functioning at their best.

Our portfolio comprises of a vast range of the most reliable, robust and premium quality speed reducers, geared motors & customized industrial gearboxes to suit the application's requirements.

Our products are operated in diverse industrial applications throughout the globe, widely ranging from robotics to bulk material handling. At the foremost, we thrive to strengthen our support and extend assistance to our customer base.



Our Products

Inline

Cyclo® 6000

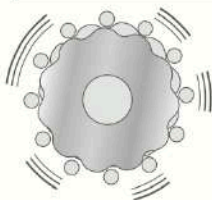


Sumitomo's Gearless Gearbox: Highly reliable, torque dense cycloidal speed reducers with 500% momentary shockload capacity. Cyclo® is available 23 standard sizes.

- **Torque Capacity:** 55 to 603,000 lb-in (6.2 to 68,130 N·m)
- **Power:** 1/8 to 235 HP (.075 to 175 kW)
- **Ratio Range:** 3:1 to 119:1 (single); 104:1 to 7569:1 (double); 8041:1 to 658,503:1 (triple)



Involute Gearing



Cycloidal Discs

THE CYCLO® STORY

The Cyclo® speed reducer is characterized by the rolling action of its torque-transmitting components, the cycloidal discs. Unlike conventional gears with teeth that grind, wear and break, this unique design's rolling action results in high efficiency, quiet operation and shock load capacities of up to 500%. The discs have two-thirds of the components in contact at all times, preventing catastrophic failure in the most demanding applications.

Offset Parallel

Cyclo® Helical BuddyBox® (HBB)



Parallel shaft, helical gearbox with Cyclo® reducer input. Features keyless, steel Taper-Grip® Bushing for easy mounting.

- **Torque Capacity:** 1,080 to 75,800 lb-in (122 to 8,564 N·m)
- **Power:** 1/8 to 40 HP (.09 to 30 kW)
- **Ratio Range:** 11:1 to 26,000:1 and greater

Helical Shaft Mount (HSM)



HSM reducers are available with hollow shaft or CEMA screw conveyor drive shaft options. Features keyless, steel Taper-Grip® Bushing for easy mounting.

- **Torque Capacity:** 3,900 to 388,884 lb-in (440 to 43,938 N·m)
- **Power:** 1/4 to 300 HP (.19 to 224 kW)
- **Ratio Range:** 5:1, 9:1, 15:1, 20:1, 25:1

Right Angle

Hyponic®



Compact right angle gearbox with patented all-steel Hyponic® gear technology, maintenance-free grease lubrication,

high efficiency operation and universal mounting.

- **Torque Capacity:** 44 to 13,100 lb-in (5 to 1,480 N·m)
- **Power:** 1/8 to 15 HP (0.09 to 11.1 kW)
- **Ratio Range:** 5:1 up to 1440:1

Cyclo® Bevel BuddyBox® 5 Series (BBB5)



Right angle, hardened steel, spiral bevel speed reducers with Cyclo® or planetary reducer inputs. Optimized for shaft mounted applications.

- **Torque Capacity:** 1,088 to 45,450 lb-in (123 to 5,140 N·m)
- **Power:** 1/8 to 60 HP (0.10 to 45 kW)
- **Ratio Range:** 11:1 to 26,000:1 and greater

Cyclo® Bevel BuddyBox® 4 Series (BBB4)



Right angle, hardened steel, spiral bevel speed reducers with Cyclo® or planetary reducer inputs. Features rugged ductile iron housing with many output styles.

- **Torque Capacity:** 1,088 to 159,983 lb-in (123 to 17,400 N·m)
- **Power:** 1/8 to 100 HP (0.10 to 60 kW)
- **Ratio Range:** 11:1 to 26,000:1 and greater

Large Industrial

Paramax® 9000



The Paramax® product line features double, triple and quadruple reduction gearboxes, global standardization and 26 frame sizes.

Premier performance in a powerful and rugged universal housing.

- **Torque Capacity:** 23,012 to 4,885,614 lb-in (2,600 to 552,000 N·m)
- **Power:** 5 to 5,000 HP (3.7 to 3729 kW)
- **Ratio Range:** 6.3:1 to 500:1

Hansen P4 Single-Stage



Optimal balance between mechanical, thermal and bearing ratings. These single stage drives are designed for multi-megawatt power ranges.

- **Torque Capacity:** 40,000 to 1,504,000 lb-in (4,519 to 170,000 N·m)
- **Power:** 360 to 14,080 HP (270 to 10,500 kW)
- **Ratio Range:** 1.2:1 to 5.6:1; Custom ratios within 1% of requested value

Hansen P4 UniMiner



Robust design that offers versatility for different mounting positions. With a 'flippable' housing and split line, it is the ideal solution for alignment-free drive packages.

- **Torque Capacity:** 122,000 to 889,000 lb-in (13,784 to 100,445 N·m)
- **Power:** 227 to 2,330 HP (170 to 1,738 kW)
- **Ratio Range:** 8:1 to 71:1

Hansen P4 Multi-Stage



Available in 19 different sizes with two, three, or four-gear stages, the P4 excels in low noise, low vibration and high torque gear geometry.

torque gear geometry.

- **Torque Capacity:** 46,000 to 9,735,825 lb-in (5,200 to 1,100,000 N·m)
- **Power:** 58 to 10,080 HP (43 to 7,517 kW)
- **Ratio Range:** 6.3:1 to 630:1

Hansen P4 Vertical



A first class product! High radial and axial load carrying capabilities, with a dedicated vertical housing with more options and flexibility on the low speed shaft.

- **Torque Capacity:** 105,000 to 7,250,000 lb-in (11,863 to 819,000 N·m)
- **Power:** 166 to 5,500 HP (124 to 4,101 kW)
- **Ratio Range:** 6.3:1 to 500:1

SEISA Custom Gear Drives



Seisa custom mill and gear drive products are fit for the most unique and challenging applications. The DP 1000 Planetary Drives offer tough, compact and application specific designs.

- **Torque Capacity:** DP1000: 40,713 to 6,515,000 lb-in (4,600 to 736,000 N·m); Mill Drives: 7,806,362 to 42,625,212 lb-in (882,000 to 4,816,000 N·m)
- **Ratio Range:** 5:1 to 1,400:1; Custom ratios available upon request

Diverse Industries & Applications

- Automotive
- Material Handling
- Minerals & Cement
- Power Generation
- Baggage Handling
- Construction Machinery
- Food & Beverage
- Industrial Equipment
- Metals Processing
- Mining & Extraction
- Transportation & Logistics
- Chemical Manufacturing
- Crane & Hoist
- Water & Wastewater Treatment



ADDRESS

iGear Drive Technologies
704, Opal Tower, Burj Khalifa Boulevard,
Business Bay, Dubai, United Arab Emirates



CALL US

Phone : (+971) 4-4273757
Mobile : (+971) 56-5058173,
(+971) 58-2519777
Fax : (+971) 4-4435617



MAIL US

info@igear.ae

Sumitomo Heavy Industries, Ltd.

At the core of Sumitomo's product line is our Cyclo® Drive, a unique "gearless" gearbox that provides a superior torque dense design for the harshest environments. Over the years, this product evolved into right angle and offset parallel designs that make up the BuddyBox® series of gearmotors. Sumitomo Heavy Industries, Ltd. (SHI) has positioned these power transmission products as one of its core business areas and has worked over the years to enhance its capabilities in the industrial gearbox market. Beginning in 1973, SHI had a licensing agreement in place with Hansen Transmissions for almost 20 years. With this history of collaboration and partnership, the integration of Hansen's expertise and mastery of the large industrial market will allow Sumitomo Drive Technologies to expand our global offerings of engineered solutions and total drive packages.



Hansen Industrial Transmissions, NV (HIT) has a rich background dating back to the 1950's when David Hansen revolutionized the design and manufacturing of standard gear units. HIT is experienced in providing complete engineered solutions for their customers with packages including gearboxes, couplings, motors, brakes and base plates. HIT's product lines are customizable for unique market requirements, making them the ideal choice in heavy industrial applications. Sumitomo Heavy Industries, Ltd. acquired HIT in 2011 to expand on our large industrial gearbox product lines.

SEISA

Seisa has nearly a century of manufacturing experience in highly customized gear drives, high- speed acceleration and reduction gears for compressors and turbine generators, mill drives for cement and coal, and gear couplings. The most demanding and carefully engineered products in the world are made by Seisa Gear. Seisa became a wholly owned subsidiary of Sumitomo Heavy Industries, Ltd. in 2006.

