



www.sumitomodrive.com

Screw Conveyor Drives

BBB4
HBB
HSM

Torque Ranges

Sumitomo offers a comprehensive lineup of premier power transmission products to keep customers' operations performing at their best. This includes the broadest range of the most reliable and highest quality speed reducers, gearmotors and large industrial gearboxes available in the industry.

Torque (lbs-in)	8.85	88.5	885	8,850	88,507	885,075	8,850,746
Right Angle	Cyclo® BBB 5 Series			1,095 - 45,450 lb-in (124 - 5,140 Nm)			
	Cyclo® BBB 4 Series			1,088 - 159,983 lb-in (123 - 17,400 Nm)			
Offset Parallel	Cyclo® HBB			1,080 - 75,800 lb-in (122 - 8,564 Nm)			
	Helical Shaft Mount			3,900 - 388,884 lb-in (440 - 43,938 Nm)			
Torque (N-m)	1	10	100	1,000	10,000	100,000	1,000,000

Configurator

Product Configurator: www.sumitomodrive.com/Configurator

Sumitomo Drive Technologies' online product Configurator streamlines the selection process, enabling you to build **our power transmission products for your specific application.**

Configure your Sumitomo Drive Technologies products today at www.sumitomodrive.com/Configurator

Product Support

Helping you maximize the life of your gearboxes

Sumitomo's Product Support offers scheduled repair services as a one-stop-shop for all your related gearbox needs. For emergency repairs, we offer a 24 to 72-hour turnaround.

Sumitomo's Product Support has the experience required to explore a wide range of approaches, tools and techniques to uncover the causes of most challenging problems.

Most of the services offered at our shops can be replicated at customer sites. As part of this offer, customized training can be delivered at your site to help reduce costs and increase productivity.

Sumitomo products are built to last. Our drives are known among industry leaders as some of the finest and longest-lasting products available. Nevertheless, we include a standard warranty with all of our products at no extra cost.

- REPAIRS
- FIELD SERVICES
- ROOT CAUSE INVESTIGATION
- INSPECTION REPORTS
- COMMISSIONING & START-UP SERVICES
- WARRANTY SERVICES

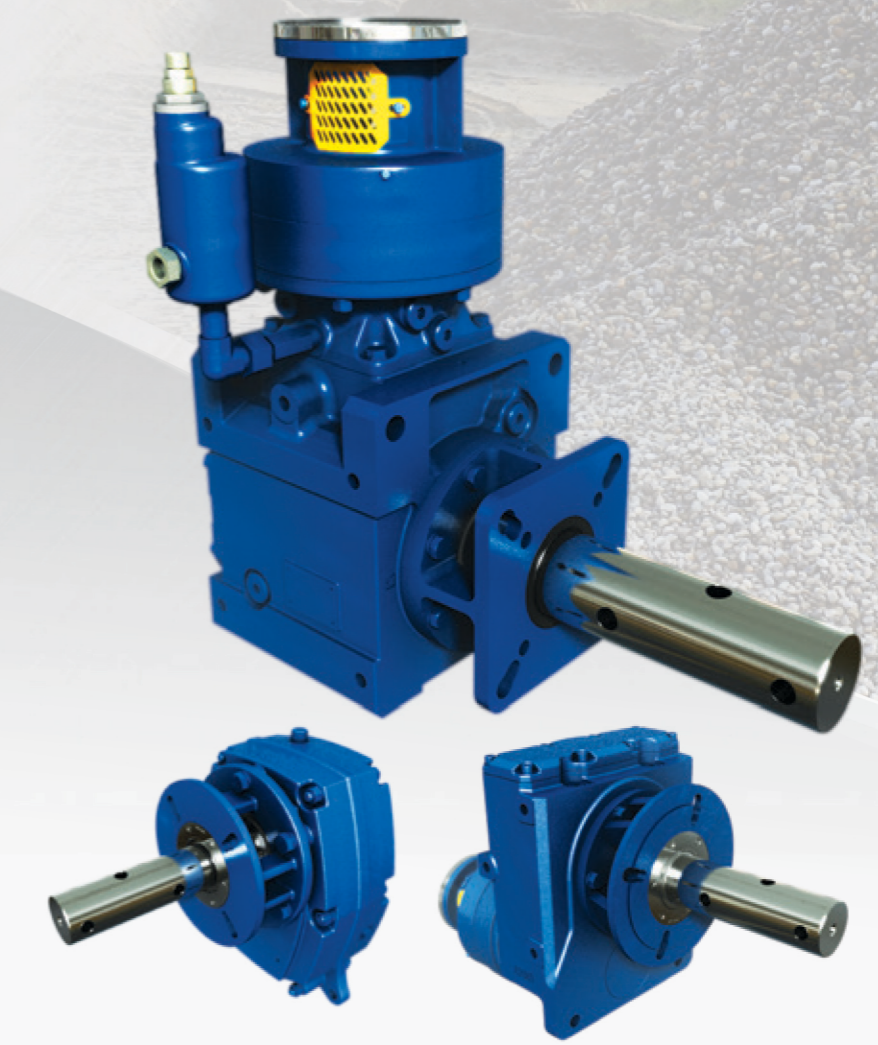
Sumitomo Drive Technologies

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



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)



Sumitomo Machinery Corporation of America

Innovative Products
Premier Performance
Engineered Excellence
Reliable Quality
Global Network



Sumitomo Machinery Corporation of America is a member of the Conveyor Equipment Manufacturers Association (CEMA).

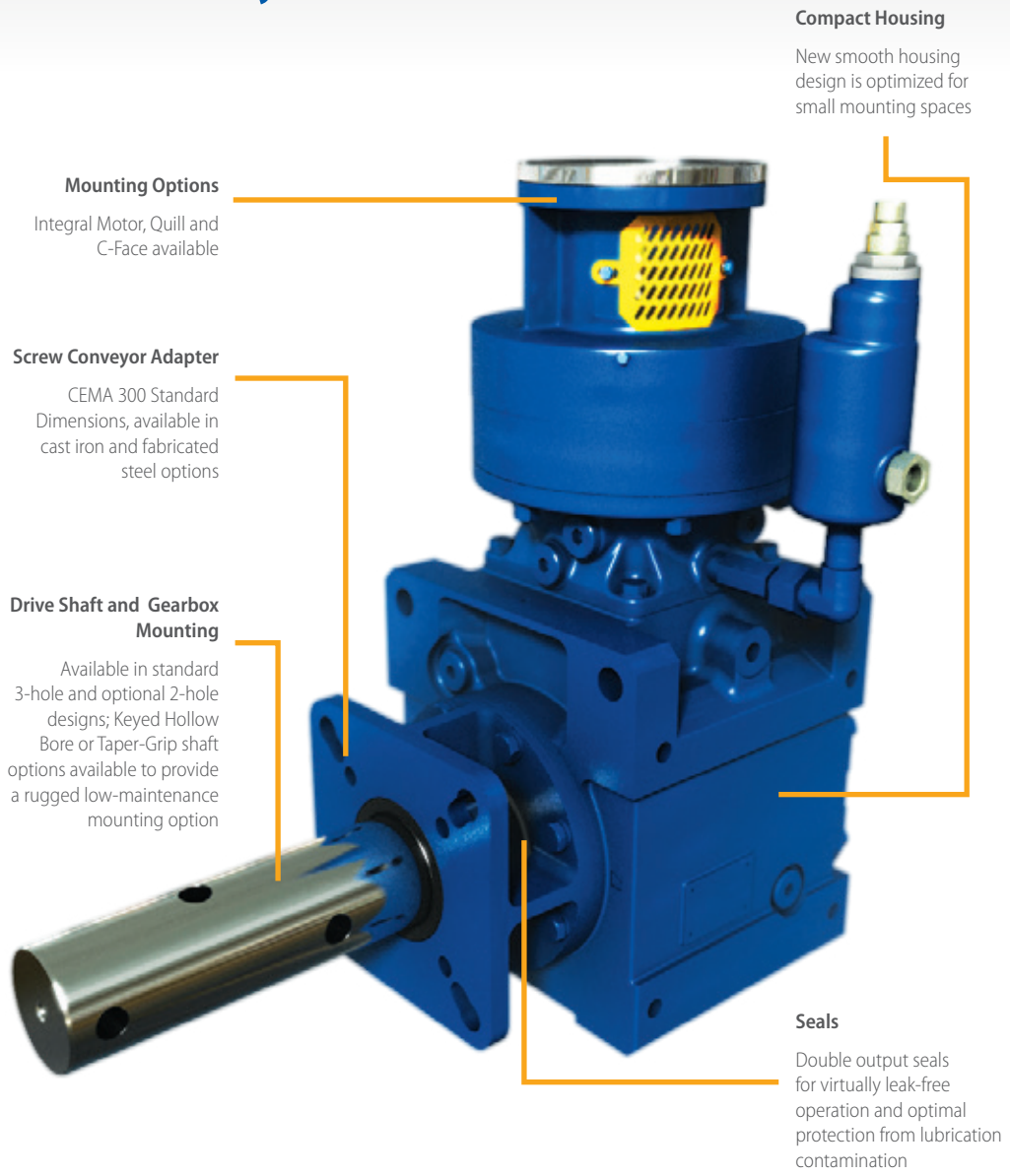
Your screw conveyor drives must be rugged, reliable and low-maintenance. Sumitomo Machinery Corporation of America understands the challenges you face, which is why we offer unique solutions designed to withstand a variety of harsh conditions with the highest level of performance. Our drives feature high-torque density and a robust, low maintenance design to maximize plant uptime. Whether you are in heavy industry or specialized handling, Sumitomo Machinery Corporation of America has many options to meet your screw conveyor drive requirements.

Sumitomo Americas

Sumitomo Machinery Corporation of America (SMA) is a subsidiary of Sumitomo Heavy Industries (SHI), a global leader in power transmission knowledge and innovation. With installations worldwide, SMA develops products that are the preferred choice of some of the largest companies utilizing screw conveyor drives.



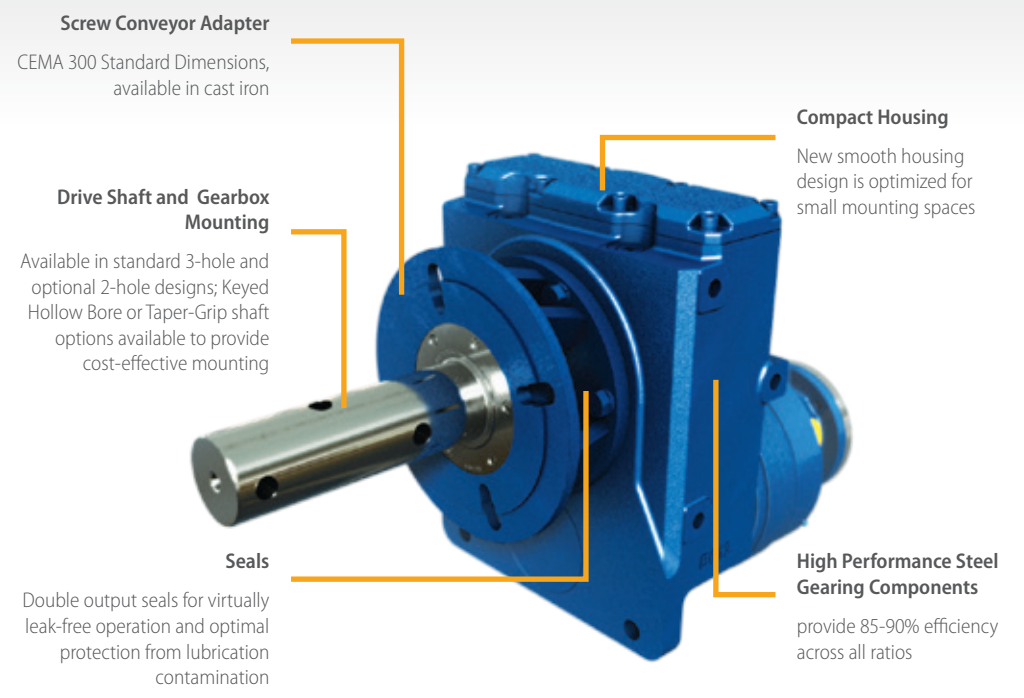
Screw Conveyor Drives



Cyclo® Bevel BUDDYBOX® 4 Series (BBB4)

Right-angle, rugged ductile iron housing option allows for maximum mounting flexibility. Our smaller size Cyclo® BBB4 requires standard limited maintenance, with “No Maintenance” available options. No V-belt drives or associated guards to maintain or replace, greatly increasing facility safety.

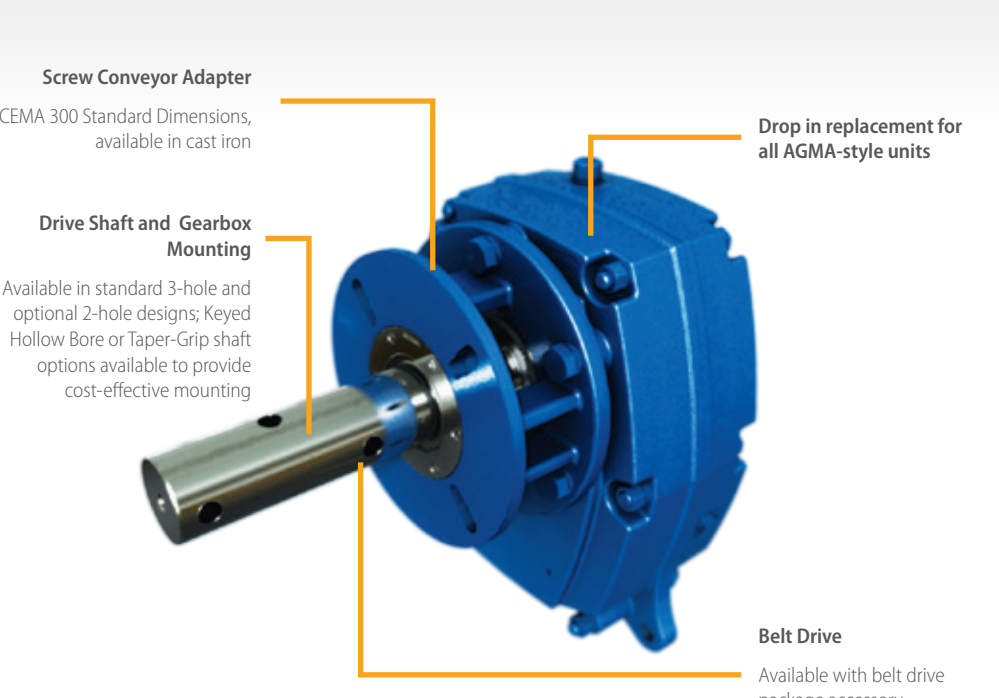
- **Torque Capacity:** 1,088 to 159,983 lb-in
- **Power:** 1/8 to 100 HP
- **Ratio Range:** 11:1 to 26,000:1 and greater



Cyclo® Helical BUDDYBOX® (HBB)

Offset-parallel design. Smaller sizes require standard limited maintenance, with available “No Maintenance” options. No V-belt drives or associated guards to maintain or replace, greatly increasing facility safety.

- **Torque Capacity:** 1,080 - 75,800 lb-in
- **Power:** 1/8 to 40 HP
- **Ratio Range:** 11:1 to 26,000:1 and greater



Helical Shaft Mount (HSM)

Mounts to standard reducer—no modifications required. Available in many sizes. Offset-parallel design with helical gearing.

- **Torque Capacity:** 3,900 - 388,884 lb-in
- **Power:** 1/4 to 300 HP (0.10 to 60 kW)
- **Ratio Range:** Ratio Range: 5:1 to 25:1

CEMA Screw Conveyor Adapter Kit Options

The CEMA Screw Conveyor Drive Adapter Kit—available for the Keyed Hollow Bore (KHB) or the Taper-Grip® Bushing (TGB) drive shaft—allows the reducer to properly mount to the screw conveyor. The kit includes the adapter, lip seal, keeper plate and hardware as standard. KHB with cast adapters and lip seals are standard inventory, while the fabricated adapters with taper grip shafts are made to order.

