A new concept in rotary and linear drives

Tsubaki Pin Gear Drive Units
Large transmission capability

Heavy load vehicle

- Proven track record in industrial furnaces
- Good performance in carrying heavy loads in steel mills and similar facilities.

Kiln cooler

- Low cost and quick delivery compared to a gear set
- Speed ratio can be increased at low cost compared to roller chain and sprocket drives.

Comparison of mechanisms
Segmented system provides wide variation

Turntable

Frequently used in work conveyance and automatic machinery.

- Segments only need to be installed so as to provide the required angle of rotational movement, making the system more affordable than a gear set.
- Unlike roller chain transmission, tension adjustment is unnecessary.
- Inner rotary drive allows devices to be made more compact.

Reversing machine

Combining straight lines and curves

- Available for complex layouts
  Enables new solutions to existing problems
3 Easy installation

Large diameter swiveling table

Segmented system improves ease of installation.

- Low cost, quick delivery, and lightweight compared to slewing bearing and gear arrangements
- Reliable transmission with little slip compared to roller drives

Equipment maintenance

- Easy assembly and disassembly on site
- Device can be driven when installed with rough mounting precision. Setup during assembly is easy.
Wide variety of products available

1. Gear Motors/Gear Boxes
2. Drive Chains & Sprockets
3. Servomotor Reducers
4. Locking Devices
5. Hose and Cable Carrier Systems

Tsubaki provides a wide range of other products in addition to those shown in this brochure. Insist on Tsubaki products for your next project.
The selection software on our website makes selecting products easy.