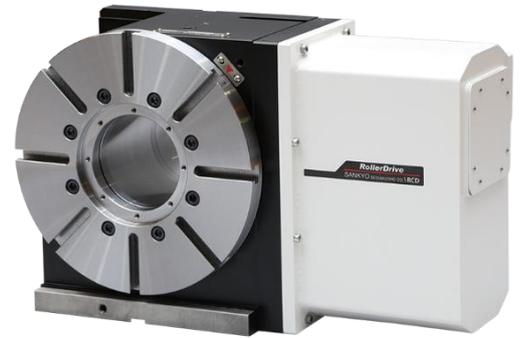


The Zero-Backlash Rotary Table!

## “The Ultimate CNC Rotary Table”

✔ Reduces **Cycle time** and High Productivity

✔ Maintenance Free and **Reduces cost**



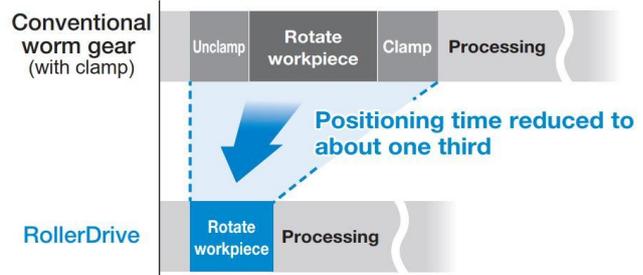
### Reduces cycle time processing. No clamp operation !!

▶ No need valves & hydraulics, Oil loop, air, solenoid valve for clamp rotary table.

Reduces time **Clamp** and **Unclamp** in processing

▶ **Worm gear models** Clamping using hydraulic pressure or air pressure is required to suppress backlash

▶ **The RollerDrive** No clamp operation. The machining can be performed only by Holding torque reduces indexing time 1/3



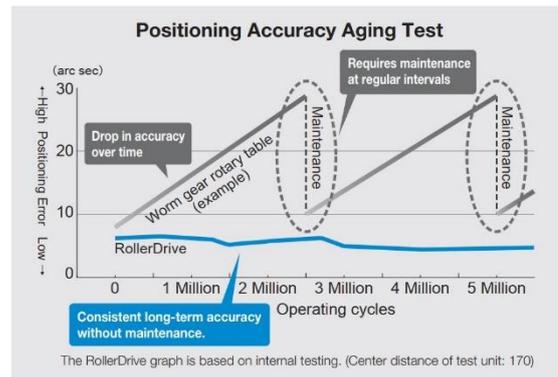
(Based on in-house calculations)

### No require any maintenance. Low maintenance cost !!

**Accuracy and rigidity** with stable performance long periods **No requires maintenance**

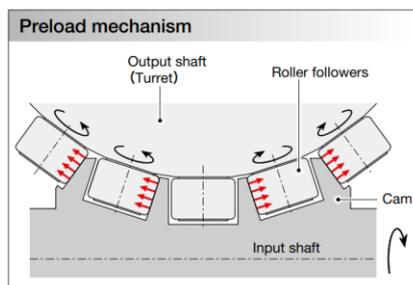
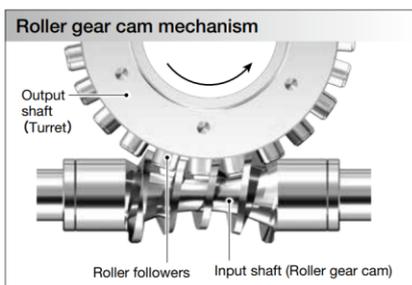
▶ **Worm gear models** Accuracy declines over time. Requires maintenance to achieve initial accuracy

▶ **The RollerDrive** Accuracy is consistent with no maintenance even after 5 million operation cycles



The RollerDrive graph is based on internal testing. (Center distance of test unit: 170)

### The Zero-Backlash Technology



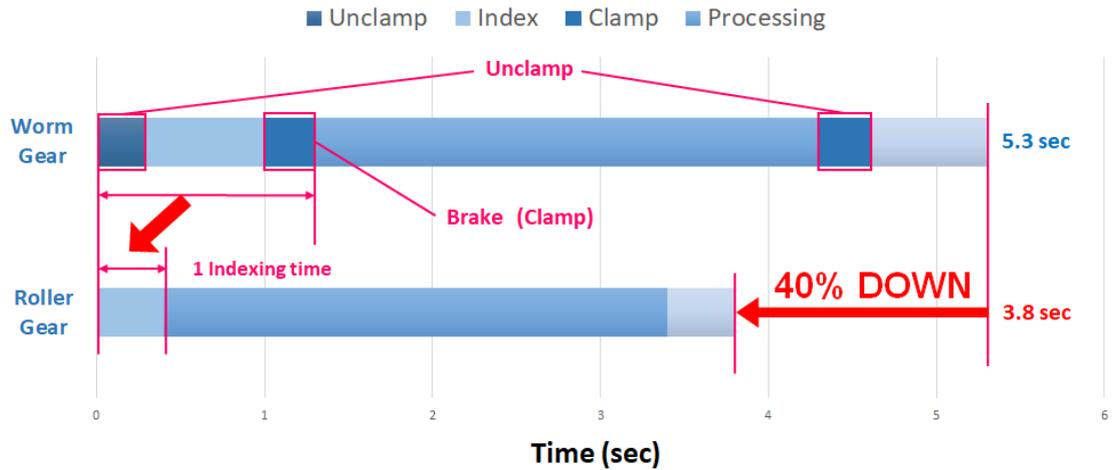
### Features RollerDrive

- Cam Follower
- Preload

- ▶ Zero-backlash
- ▶ High accuracy and efficiency
- ▶ Preloadable for high rigidity.

# >Indexing Time Comparison<

Comparison  
Use clamp  
VS  
NO use clamp

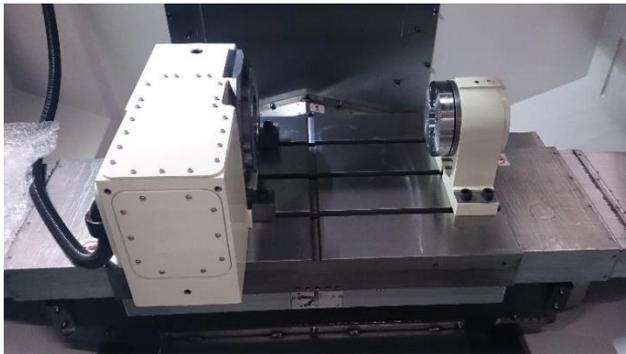


▶ The comparison indexing time **without Clamp** can be reduces Cycle time to 40%

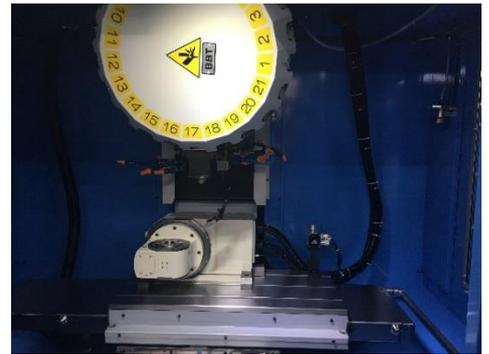
Example  
Installation



Video RCD Series



▶ # 30 vertical MC RCD170 + ST110



▶ # 30 vertical MC RT100

Example  
Production  
Processing



Product page

Aluminum Die Cast



Improving productivity  
by speed

Air Cylinder



High acceleration  
processing

Compression molding



High speed & accurate  
Continuous cutting

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