

Induction Heated Jacket Roll has Evolved

D1

JACKET ROLL



New **D1 model** is born as new standard type from year 2021

Induction Heating + Jacket Chamber Technology

+

Minimum Maintenance!

TOKUDEN

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See reverse side for details.

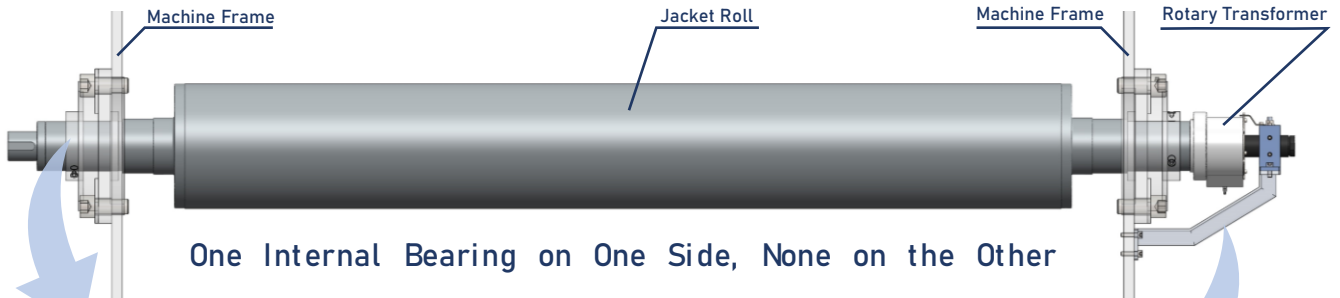
Minimization of number of Internal Bearings on coil support rods

Longer Lifetime of Bearing System

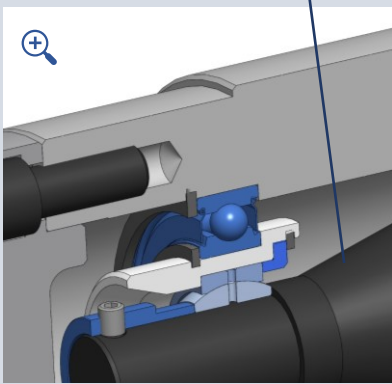
By minimizing the number of bearings, the lifetime of bearings is maximized. Eliminates bearing failures due to misalignment of bearing systems.

Optimized the Remaining One Bearing Design

A bearing unit with an automatic alignment function is adopted as a measure against deflection of the induction coil. It completely absorbs the deflection angle at the bearing of any small-diameter, long-face roll and extends the life of the bearing.

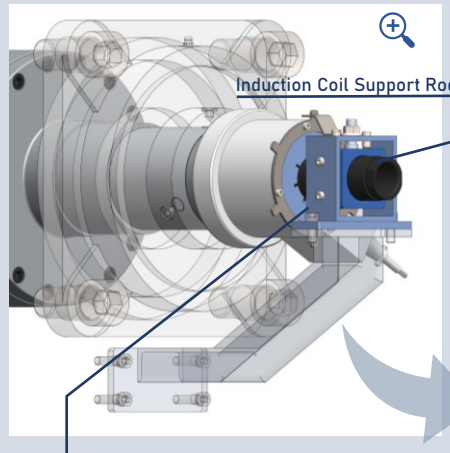


Induction Coil Support Rod



Bearing Unit with Self-Aligning Function

It absorbs the deflection of the induction coil regardless of the size, and only a simple radial load is applied to the bearing. As a result, the bearing life has been significantly extended.

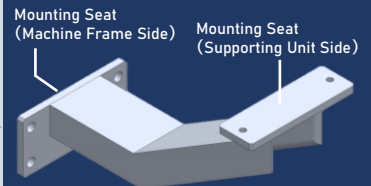


Induction Coil Support Rod Unit

Support one end of the induction coil rod with the machine frame. The tip of the coil rod has a vertical and horizontal position fine adjustment mechanism with a mounting seat surface. Prepare only the support arm so as to connect the mounting seat surface and the machine frame.



The induction coil support rod on this side must be supported by the machine frame.



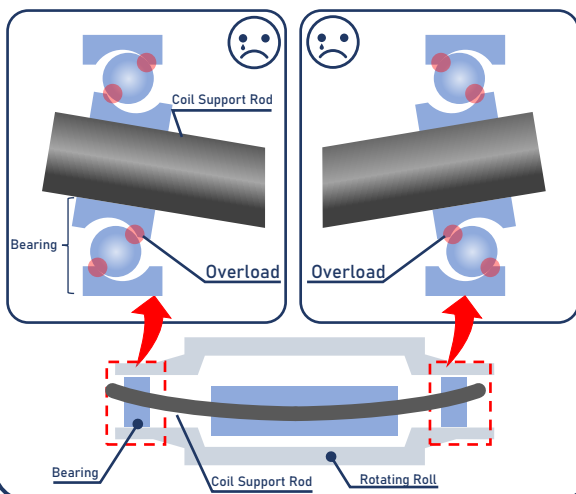
Support Arm

If you specify the dimensions, we can manufacture and provide it.

Comparison between old vs new type of induction coil support structure

Old

2 Bearings
Due to Misalignment or Deflection,
High Risk of Early Damage to Bearings



New

Single Bearing
Due to the Automatic Alignment Function,
Achieves High Durability and Reliability

