


**Edge grinder spindle**  
High precision



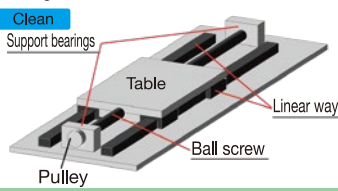
High-speed, low-vibration, and high-precision

**Double-sided wafer surface grinder**  
Traceability  
Clean  
300 mm wafers



DXSG320  
Fully automated, all-in-one "double-side lapping + single-side grinding" machine

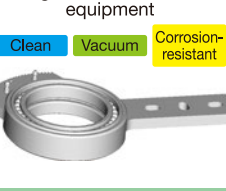
**Bearings for vertical diffusion furnace table unit**  
Clean



Support bearings  
Table  
Linear ways  
Ball screw  
Pulley

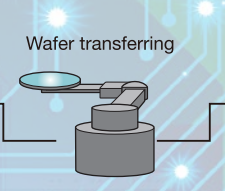
With ball screws, linear ways and support bearings

**Bearing unit for wafer transfer equipment**  
Clean Vacuum Corrosion-resistant




Interchangeable bearing unit (incl. bearing replacement)

**Wafer transferring**



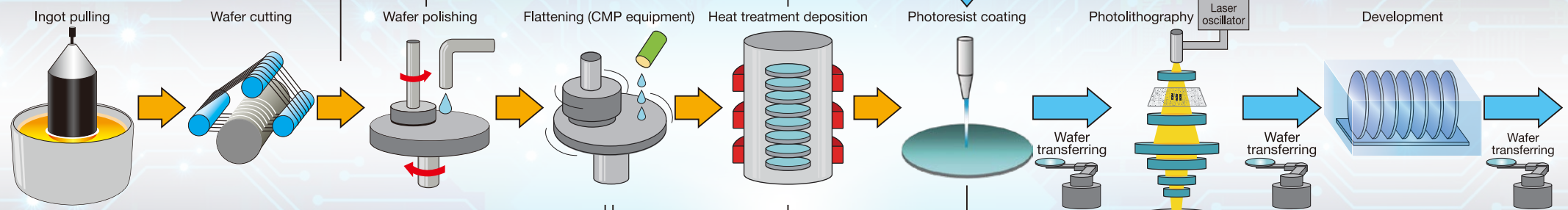
**Bearing for wafer transfer equipment**  
Corrosion-resistant Clean Clean  
Vacuum




Corrosion Guard Pro Bearing-MD Hybrid Ceramic Bearing K Series Full Complement Hybrid Ceramic Ball Bearing

Thin-section bearings with low particle emission and long service life

JTEKT MACHINE SYSTEMS CORPORATION JTEKT MACHINE SYSTEMS CORPORATION



**Spindle for CMP equipment**  
High precision  
Corrosion-resistant



High-rigidity, high-precision

**For various other processes**



EXSEV-EX (Grease) Linear Motion Ball Bearings Linear Way Bearing Units for Use in Extreme Special Environments Extreme Special Environments  
Grease for clean and vacuum environments and various linear motion products

**Bearings for CMP equipment**  
Corrosion-resistant



Corrosion Guard Pro Bearing-SC  
Clean EXSEV-EX

Varied lineup of bearings for use with polishing tool rotary components and components in contact with corrosive liquids

**Bearings for heat treatment deposition equipment**  
High temperature  
Clean



Clean Pro Bearing-RB  
High temperature EXSEV-PN EXSEV-WS

Bearings that can be lubricated under high-temperature

**Vertical heat treatment system**  
Clean  
300 mm wafers



VF-5900  
Various process compatibility (oxidation, diffusion, LP-CVD, etc.)

**Bearings for photoresist coating equipment**  
Clean



EXSEV-EX  
Grease-lubricated bearings for clean environments

**Bearings for photolithography equipment**  
Clean

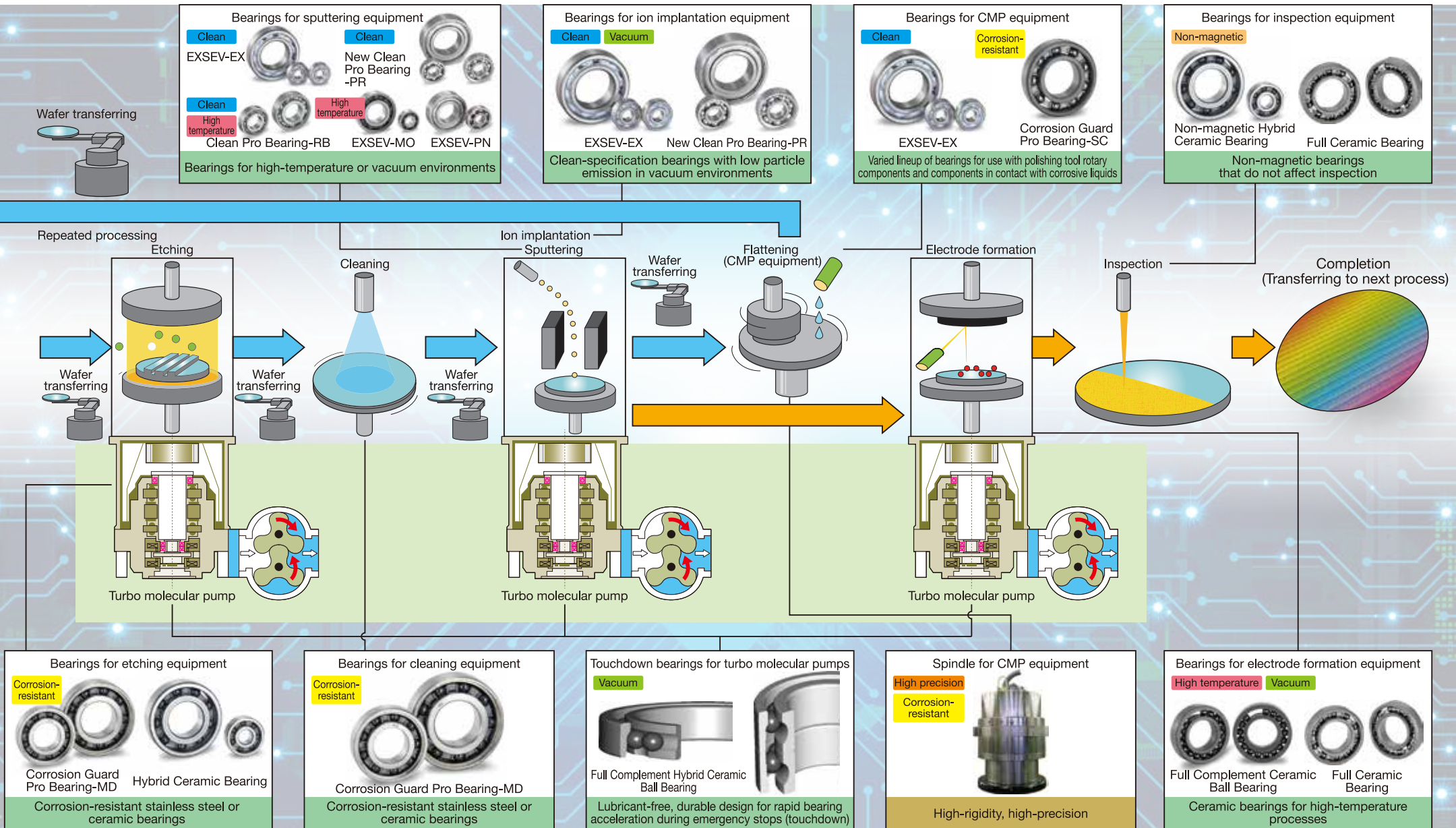


New Clean Pro Bearing-PR  
Non-magnetic Full Ceramic Bearing Non-magnetic Hybrid Ceramic Bearing

Clean-specification bearings and non-magnetic/ceramic bearings

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See next page



• The JTEKT Group's extensive technological expertise—adopted in a wide variety of manufacturing equipment—can also be utilized for repairing manufacturing equipment.