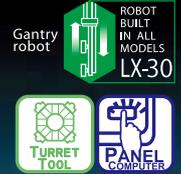


C/S SERIES



Front Facing(Parallel)2 Spindle 2 Turret CNC Lathe with Gantry Robot.

This dual spindle, dual turret CNC lathe is engineered for performance, built fully automated with fast gantry robot. Compact in size, the machine is designed for high rigid and accuracy. The CSD200 with dual robot is available for high speed and high output production.

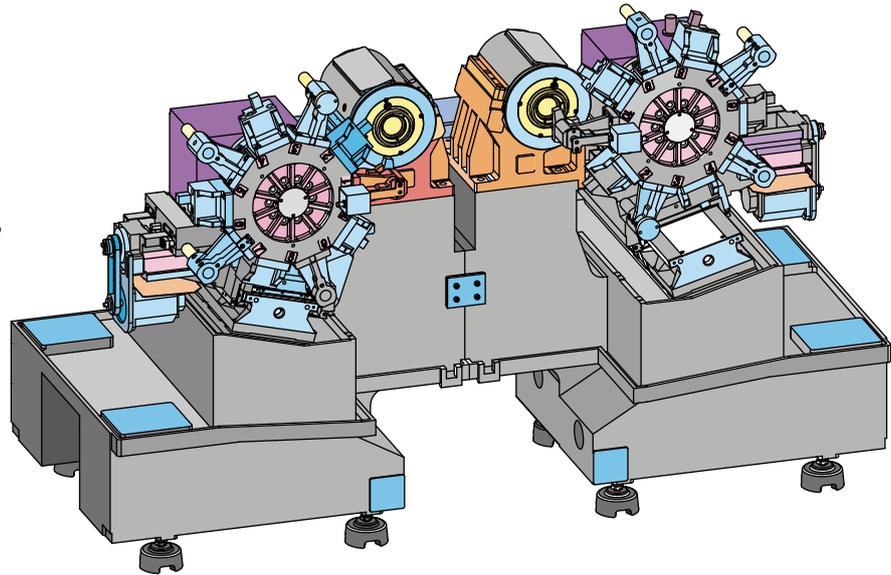


CSD300

High Rigidity

Column

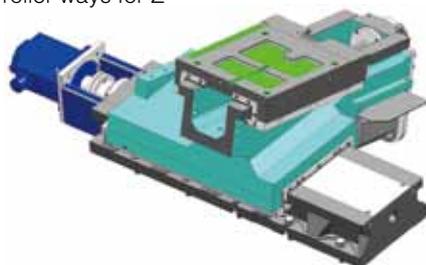
The thermally stable and space saving design is equipped with a zero center type head stock and high speed turret, ensuring optimum quality.



Highly Rigid Slides

The CSD 300/400 utilizes box way construction in both x and z axis. The compact CSD 200 utilizes box ways for the X axis and linear roller ways for Z axis.

Ball screw rigidity has been improved by incorporating a 3 x 3 row X axis support.



High Speed Turret

High speed servo cam lock style.



Front Facing Modular machine with 1 Spindle, 1 Turret and Gantry Robot.

The CSS machine is suitable for line integration such as with the CSD dual spindle lathe for an efficient, automated pass through system.



CSD₂₀₀

CSS₃₀₀

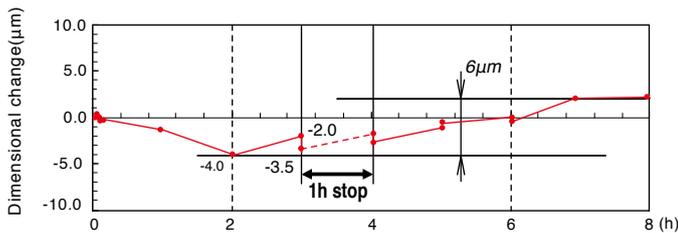


Duai-G

The above photo includes options

Excellent Thermal Displacement Properties

CSD200



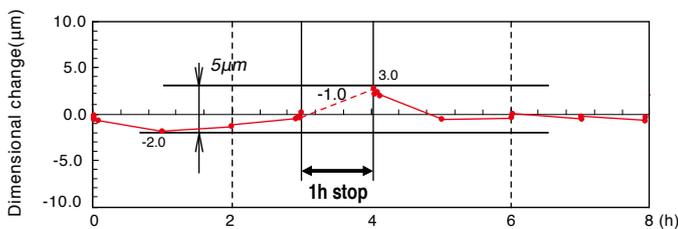
Dimensional change after 8h running

$\pm 3\mu\text{m}$

Dimensional change after 1h stop

$\pm 0.75\mu\text{m}$

CSD300/CSS300



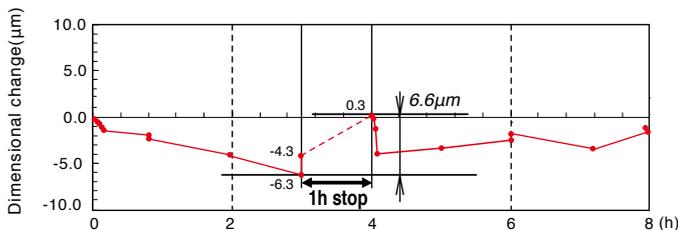
Dimensional change after 8h running

$\pm 2.5\mu\text{m}$

Dimensional change after 1h stop

$\pm 2\mu\text{m}$

CSD400/CSS400



Dimensional change after 8h running

$\pm 3.3\mu\text{m}$

Dimensional change after 1h stop

$\pm 2.3\mu\text{m}$

The above-mentioned data is actual values, but not a performance guarantee.