

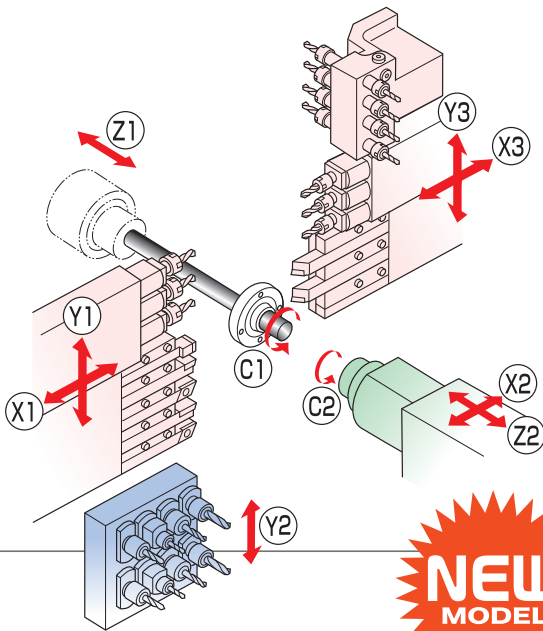
The opposing gang-type tool post is independently controlled to carry out simultaneous machining of turning, cross drilling, etc.

Mounting a variety of tool units enables a broad range of complex machining.

In addition, a guide bush/non-guide bush type switching function allows selection of the most suitable machining for both short and long workpieces.

SWISS TYPE AUTOMATIC LATHE
equipped with star motion control system

SW-12R11



* The above schematic shows a guide bush type.



These developments provide :

- Reduced cycle times
- Reduced change over times
- Switchable from guide bush to none guide bush system
- Provides enhanced production output, greater functionality and even greater accuracy

The Latest SW Model Heading for the Highest capability in Machining of Small Diameter Workpieces

1 Improved Productivity

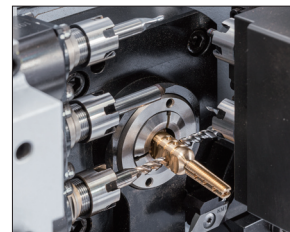
- The opposing gang-type tool post is independently controlled and allows various types of simultaneous machining.
- The tool post especially designed for the back 8-spindle unit with Y-axis control function achieves efficient overlapped machining on the front/rear sides.
- The Star Motion Control System drastically reduces idle time.

2 Realization of Higher Functionality

- The gang-type tool post can accommodate a variety of power tool units for enhanced complex machining capabilities.
- The tool post designed for the back 8-spindle unit with Y-axis control function strengthens complex machining capabilities on the rear side.
- The guide bush and non-guide bush types can be switched over depending on the total workpiece length, and drastically reduces remnant material lengths.

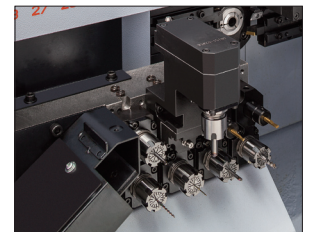
3 Pursuing Higher Accuracy

- The Star Motion Control System eliminates machine vibration by controlling the smooth spindle movement.
- The built-in type main and sub spindles achieve improved indexing accuracy.



Reduced cutting time by simultaneous machining

Independently controlled opposing gang-type tool post



Upgraded complex machining capabilities on the rear side

Back 8-spindle unit with Y-axis control function



STAR Environmental Standards Conformity models

A combination of the opposing gang-type tool post and the tool post designed for back 8-spindle unit with Y-axis control function eases quick and flexible machining of complicated parts.

Thread whirling, angular hole drilling, polygon processing, hobbing and more for a diverse range of tooling layout