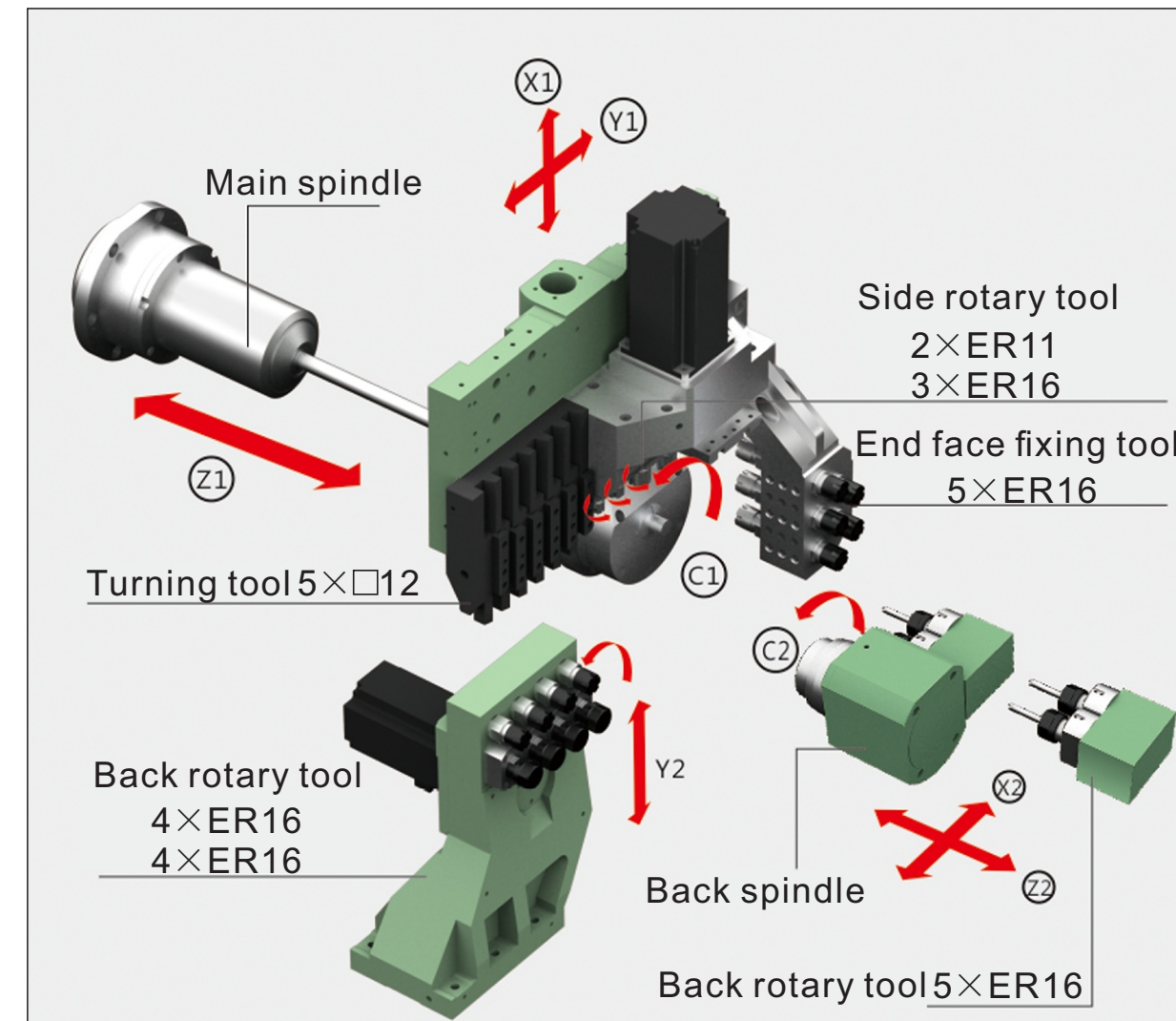


# ST-265 Swiss type automatic lathe

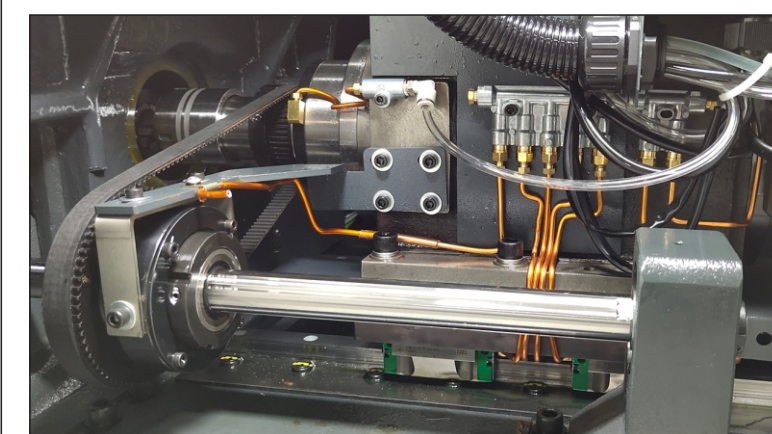
—Sliding Headstock Type cnc lathe



- ▶ Machining Max. dia.26mm,length 240mm workpiece.
- ▶ Main and back spindle with two-channel control.
- ▶ Mitsubishi M80 control system with 2nd development interface, including Compensation display.
- ▶ Chip breaking function by low frequency vibration technology.
- ▶ Cutting tool inspection.



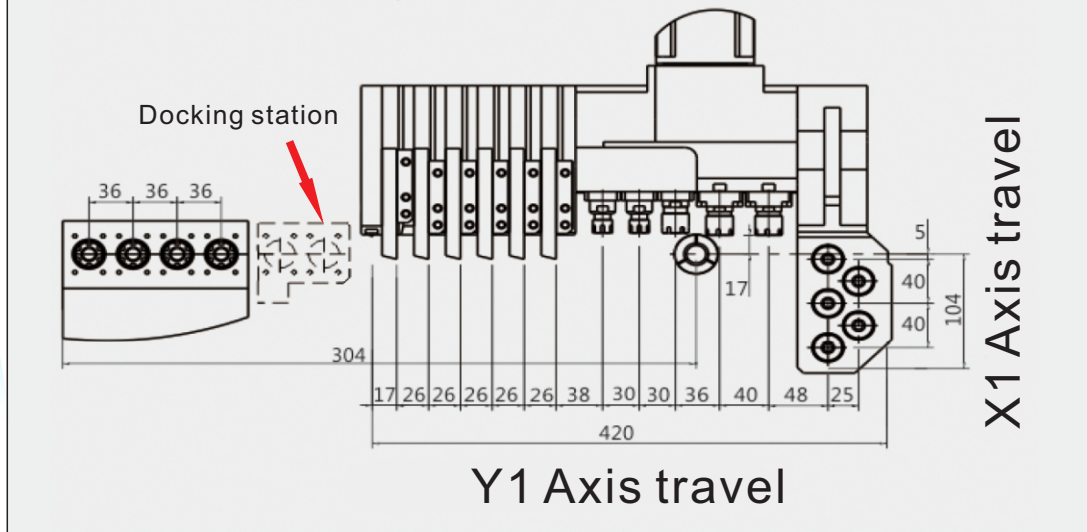
ST-265 standard tool holder with 20 pcs (Optional adding 2pcs rotary tools on back spindle ) ;Main and back spindle with two-channel control.



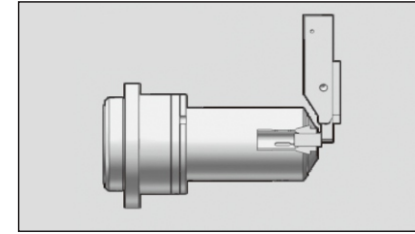
Guide bushing can be more accurate when processing long-size workpieces , Non-guide bushing type is for short workpiece.

Model different tool post	I	II	ST-266
Back side fixing tool	4	/	4(Y2)
Back side rotary tool	/	4	4(Y2)
Back spindle rotary tool	/	2	2

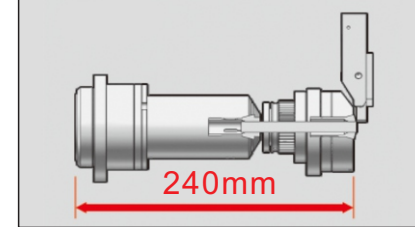
## Travel interferogram



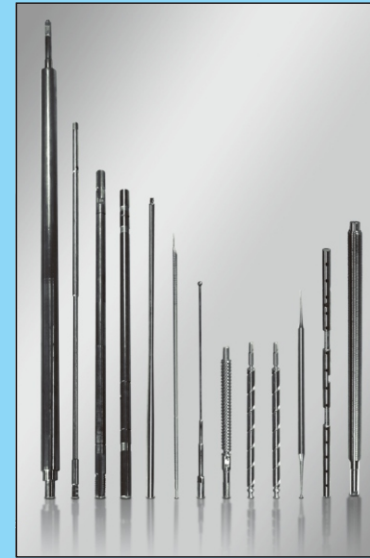
## Non-guide bushing type



## Guide bushing type



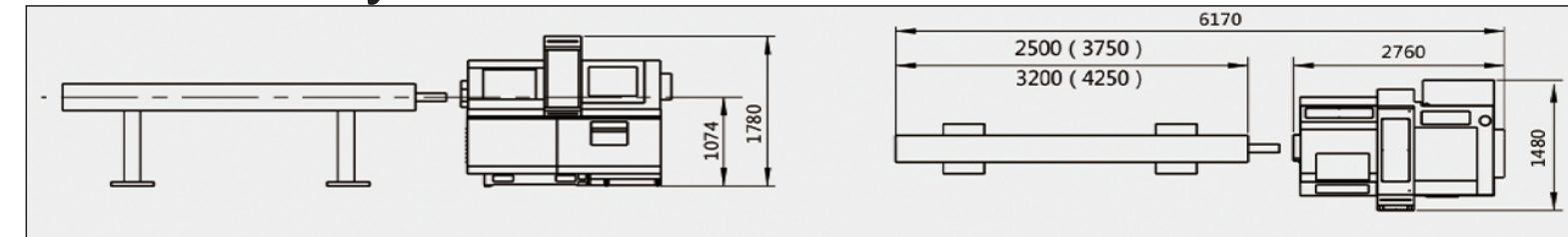
## SAMPLE MACHINING



## TECHNICAL SPECIFICATION :

Model	Two-channel	ST-265
Capacity	Max. machining dia.	Φ 26mm
	Max. machining length	240mm
	Max. drilling dia.of front side	Φ 10mm
	Max. tapping of front side	M8
	Spindle through-hole dia.	Φ 28mm
Power	Control system	Mitsubishi M80
	Machine power	11kw
	Main spindle speed	2.2/3.7kw
	Back spindle speed	1.5/2.2kw
	C axis indexing	0.001°
	Main/back spindle speed	8000rpm
	Feedrate	32(Y1/Z1/X2);24(Z2);20(X1)m/min
Tool post	Feed motor power	1kw
	Total number of tool	20pcs
Front side tool post	Gang turning tool	5×□12+1×□16
	Side rotary tool	2×ER11+3×ER16
	Max. drilling dia.	Φ 10
	Max. tapping	M8
	Side rotary tool speed	5000rpm
	Side rotary tool power	1kw
	End face fixing tool qty.	5×ER16
	End face fixing tool dia.	Φ 10mm
	End face fixing tool tapping	M8
	Back fixing tool qty.( I model)	4×ER16
Back side tool post	Back fixing tool drilling dia.( I model)	Φ 10mm
	Back fixing tool tapping ( I model)	M8
	Back rotary tool qty. ( II model)	4×ER16
	Back rotary tool drilling dia. ( II model)	Φ 10mm
	Back rotary tool tapping ( II model)	M8
	Back rotary tool speed ( II model)	5000rpm
	Back rotary tool power ( II model)	1kw
	Other	Machine size L×W×H
	Machine net weight	2800kg

## Machine layout



## Optional configuration

Bar feeder



Coolant mist collector



Chip conveyor



High pressure oil pump



## Standard configuration:

- Mitsubishi M80 control system
- Main spindle chucking unit
- Back spindle chucking unit
- Rotary guide bushing unit
- Gang rotary tool driving unit
- Coolant unit
- Lubricating oil supply unit
- Cut-off tool breakage detector
- Workpiece receiver
- Main spindle coolant unit
- Electical cabinet heat exchange
- Work lamp
- Chip box