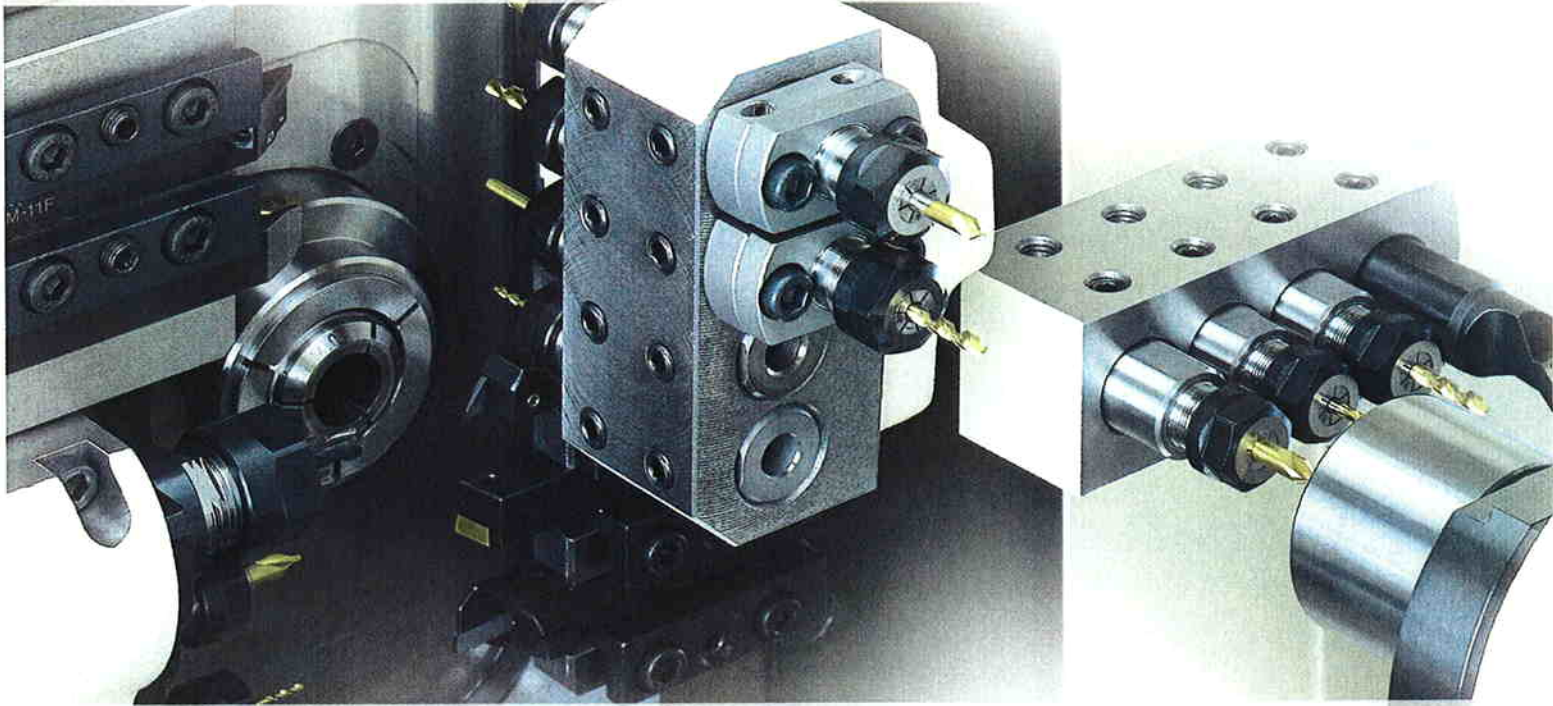


PRECISION TSUGAMI

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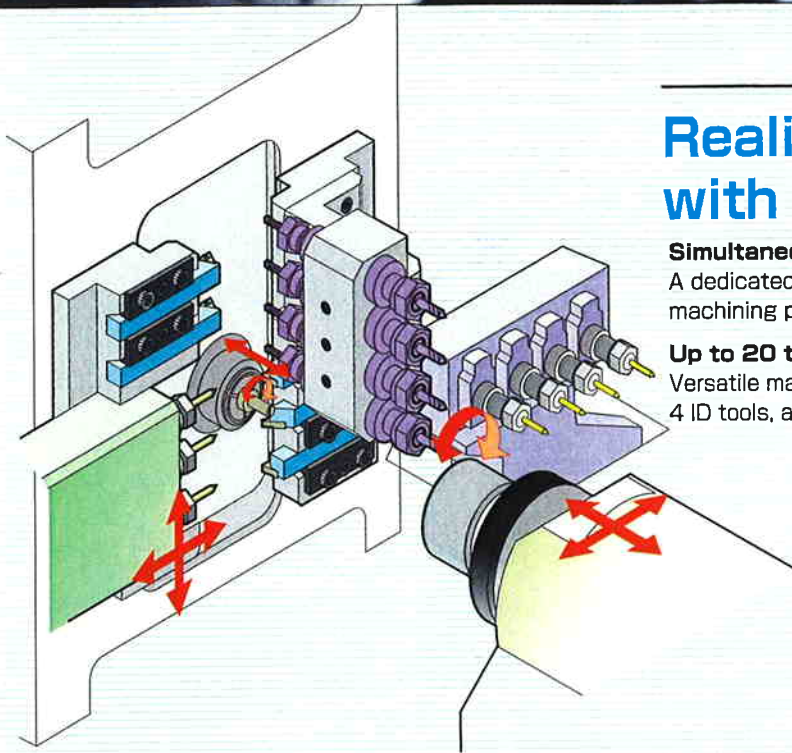
CNC Precision Automatic Lathe
BE 12/20-V



Achieve shorter cycle times with simultaneous use
of main and back spindles



Powerful functions that support stable production



Realizing shorter cycle times with a little extra investment

Simultaneous machining shortens cycle time

A dedicated rear working tool post and two path CNC make simultaneous machining possible.

Up to 20 tools mountable

Versatile machining is possible using 5 OD tools, 3 cross rotary tools, 4 ID tools, and 8 back tools.

Front & back simultaneous machining	<input type="checkbox"/>	
Back spindle	<input type="checkbox"/>	
Cross rotary tool	<input type="checkbox"/>	
C-axis	OP.	
Cross rigid tap	<input type="checkbox"/>	
Number of tools		
OD tool storage capacity	5	
Cross-rotary	3	
Front	Fixed	4
Back	Fixed	8
Total tool storage capacity		20

Direct-drive rotary guide bushing provides increased spindle speed

■ Maximum spindle speed: 12,000 min⁻¹

■ Machining stroke: 170 mm

Improved form accuracy, dimensional accuracy, and surface roughness with high speed and quiet operation. Carrier type rotary guide bushing is prepared for a non round bar.

Convertible Machine: Run with or without guide bushing

■ Stationary guide bushing ■ Carrier type rotary guide bushing ■ Guide-bushing-less kit ■ Direct-drive rotary guide bushing

■ Possible to switch between the guide bushing type and guide-bushing-less type so the most suitable operation for the workpiece length can be chosen.

■ The spindle without a guide bushing does not require ground bar, enabling high speed and high precision machining from cold drawn bars. The shortest possible remnant length is 30 mm.

Collet chucks and guide bushing

	Main spindle collet chuck	Back spindle collet chuck	Stationary guide bushing	Rotary guide bushing Direct-drive type
BE12-V	2601-1185 (NP17)	2621-1185 (NP17)	2621-1185 (NP17)	2621-1226 (exclusive)
BE20-V	2601-1192 (S20)	2601-1147 (S20)	2621-1147 (S20)	2621-1226 (exclusive)

