

The tool post exclusively designed for back machining enables overlap machining of both the front and rear faces.

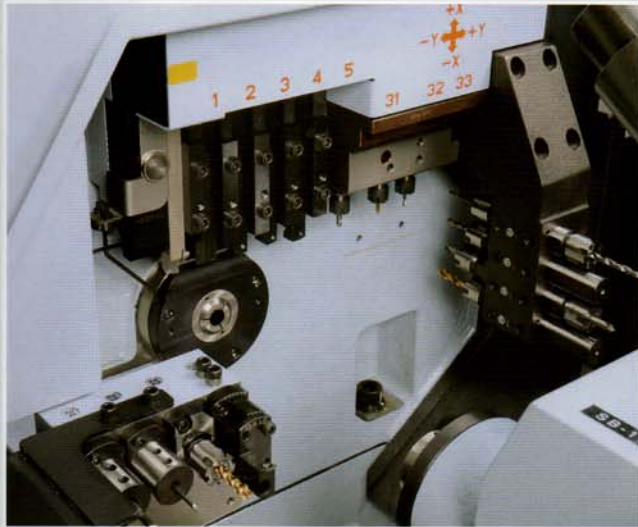


Photo : Turning tool / 5 tools + Power-driven tool / 3 tools(OP.)



Illustration : SB-16 type E

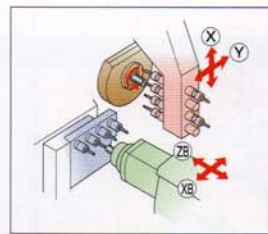
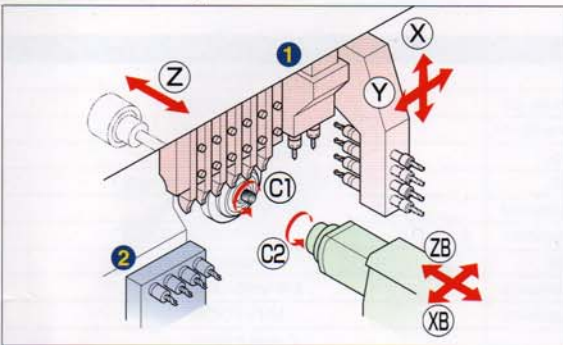


Photo : Main/sub spindle rigid tapping



### Specifications

Item	SB-16 type E
Max. machining diameter	φ 16mm(5/8in)
Max. headstock stroke	with Stationary GB: 205mm(8in) with Revolving GB unit: 155mm(6-3/32in)
Turning tool	Number of tools: 6 tools(5 tools : OP)
4-spindle sleeve holder	Number of tools: Front-end working tool 4 tools / Rear-end working tool 4 tools(max.)
	Max. drilling capability: φ 10mm(25/64in)
	Max. tapping capability: M8×P1.25
Power-driven attachment	Number of tools: 2 tools ( 3 Power-driven tools : OP )
	Max. drilling capability: φ 4mm(5/32in)(ER11) or φ 6mm(15/64in)(ER16)
	Max. tapping capability: M3×P0.5(ER11) or M5×P0.8(ER16)
Main spindle indexing angle	C-axis / 15° : OP
Main spindle speed	max.10,000min <sup>-1</sup>
Main spindle motor	2.2kw(Continuous) / 3.7kw(15 min.)
Rapid feed rate	35m/min (X, Y, Z, XB, ZB)
Power-driven att. spindle speed	max.5,000min <sup>-1</sup> (ER16) or max.7,500min <sup>-1</sup> (ER11)
Power-driven att. drive motor	0.4kw
Dimension (W×D×H)	1,861 × 1,060 × 1,750mm
Weight	1,700kg

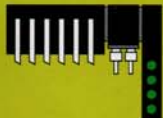
### Backworking Attachment

Item	SB-16 type E
Max. chucking diameter	φ 16mm(5/8in)
Max. length for front ejection	80mm(3-5/32in)
4-spindle backworking unit	Number of tools: 4 tools
	Max. drilling capability: φ 8mm(5/6in) Max. tapping capability: M6×P1.0
Sub spindle speed	max.9,000min <sup>-1</sup>
Sub spindle motor	0.55kw / 1.1kw

### Tool Post

### Tooling

1



Turning tool: 6(5: OP) tools  
Front-end working tool: 4 tools  
Rear-end working tool: 4 tools(max.)  
Power-driven tool: 2(3: OP) tools

2



Rear-end working tool: 4 tools (Stationary tool)