

Specification		Unit	Model	Remark
Item	Details		MS07	
● Capability	Max Machining Diameter	mm	7	
	Max Head Stock Stroke	mm	120	w/rotary guide
● OD Tool(Main Spindle)	Numbers	ea	6	
	Shank	mm	8 x 8	
● ID Tool(Sleeve holder, fixed)	Front	ea	3	
	Rear	ea	3	
	Max drilling capacity	mm	∅ 5	
	Max tapping capacity		M5	
● Power Driven Tool	Number of tools		1 (2,3 OPT)	
	Max drilling capacity	mm	3	
	Max tapping capacity		M2	
	Max milling capacity	mm	dia 5	
	Motor Power	KW	0,4	
● Main Spindle	RPM	Max	8000	
	C-axis control		0,001 C-axis	
	RPM	Max	12,000 (15,000)	
● Sub Spindle	Motor Power	KW	0,75 / 1,1	
	C-axis control		0,001 C-axis	
	RPM	Max	12,000 (15,000)	
● Rear end machining	Motor Power	KW	0,75 / 1,1	
	Max length for front ejection	mm	30	
	No. of tools	ea	3	

※ Specification can be for performance improvement

Standard Accessories

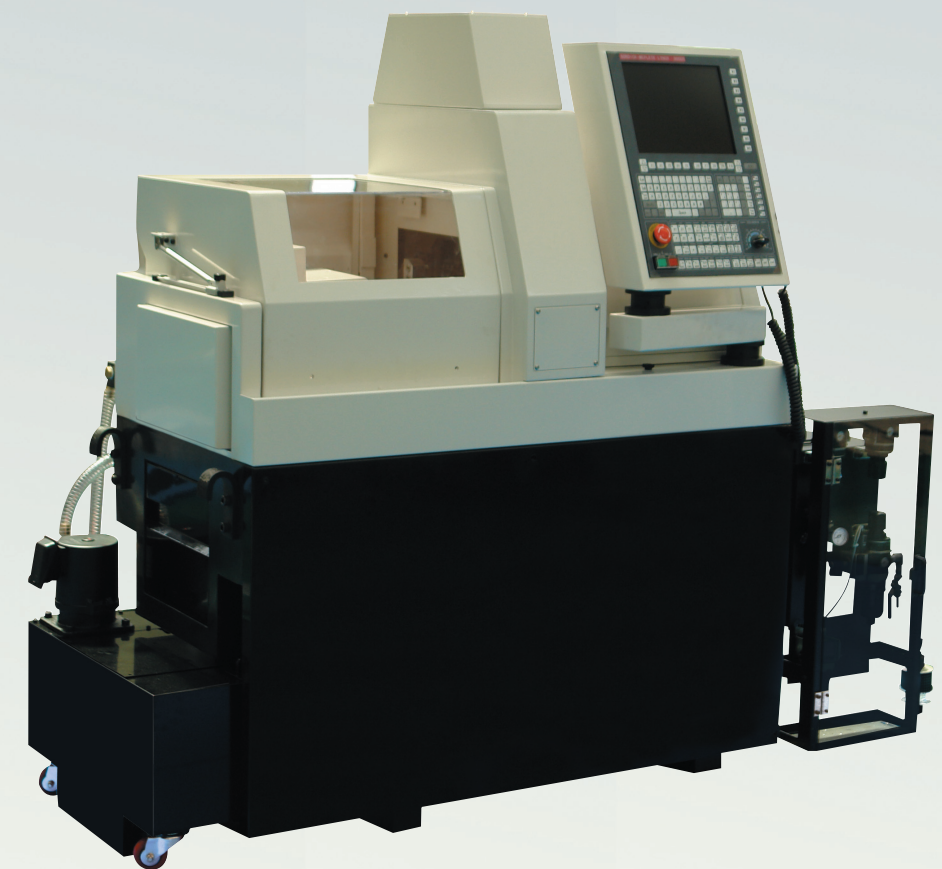
1. Main Spindle Chuck sleeve
2. Sub Spindle Chuck sleeve
3. Spindle C-axis control (Main & Sub)
4. Spindle clamp unit (Main & Sub)
5. Stationary Guide Bush Unit
6. 6 station Bite Holder
7. 3 position ID tool sleeve holder in common for main & sub
8. 3 position tool sleeve for rear end machining
9. Pneumatic Unit
10. Automatic centralized lubrication unit
11. Work light
12. Part catcher + parts box
13. Sub spindle air purge
14. Sub spindle air blower
15. Bar feeder interface

Optional Accessories

1. Parts ejector
2. Power Driven Cross Drill unit (2,3 station)
3. Front rotation tool
4. Rear rotation tool
5. Slotting tool unit
6. Expansion of OD bite numbers
7. Modular rotation tool
8. Coolant flow detector
9. Parts conveyor
10. Broken cut off tool detector (Soft type)
11. Bar feeder
12. M-code oil blow
13. Chip conveyor
14. Chip box
15. Auto fire extinguisher
16. Special tooling

CNC SWISS TURN MS07

High Precision Small Machine



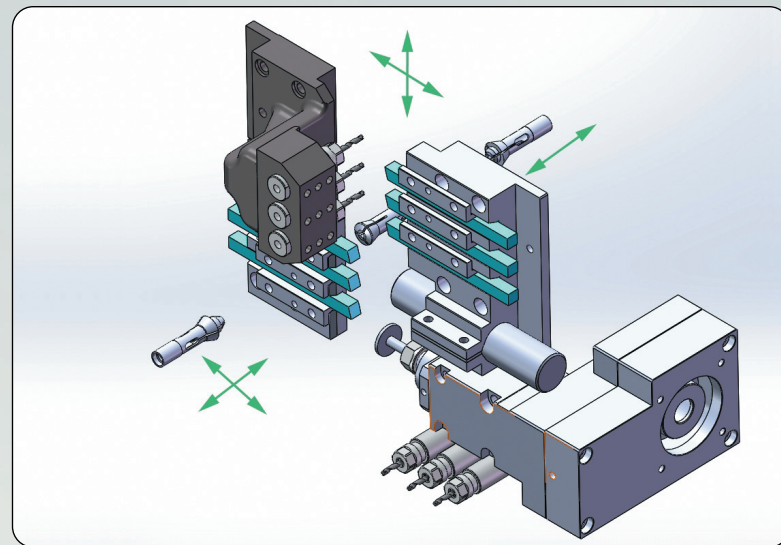
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MECHANICAL COMPLETE

MS07

- Max Turning Diameter 7mm
- Expansion Tool Numbers
- Variable CROSS & Front Drill
- Independent rear end machining



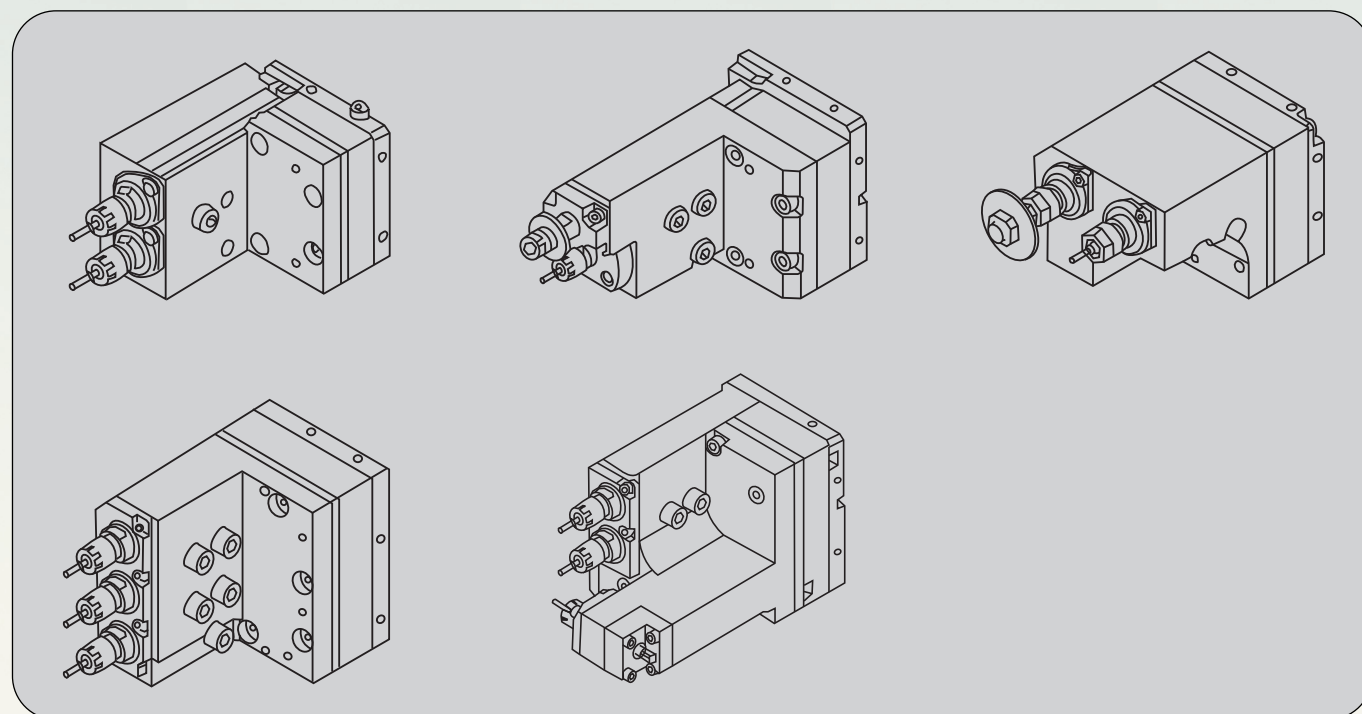
Front machining

- OD Tool 6 ea
- ID Tool (sleeve holder) 3 ea
- Cross drill (OPT) 1~3 ea
- Front rotation tool (OPT) 0~1 ea

Rear machining

- Sleeve holder 3 ea

Variable Cross & Front Drill

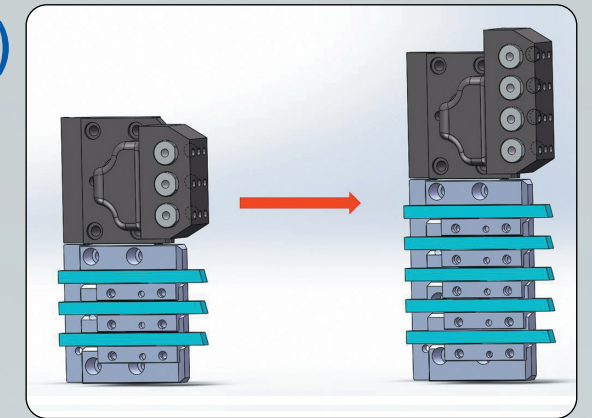


Expansion Tool Numbers (OPT)

- On Customer Request
- Increase Tool Type & Numbers

Easy Machine Handling

- COMPACT Machine Size
- High Efficient TOOL LAYOUT
- EASY TOOL SETTING & Adjustment



High Precision

- Thermal Stable Machine Construction
- Oil Cooling Spindle
- Minimum Travel Distance (Minimum Accumulative Error)
- Optimized Static & Dynamic BALANCING

High Speed Spindle

- 15,000 RPM High Speed Spindle (OPT)
- Precision Rotation by BUILT-IN MOTOR
- MAIN, SUB Same Spindle

