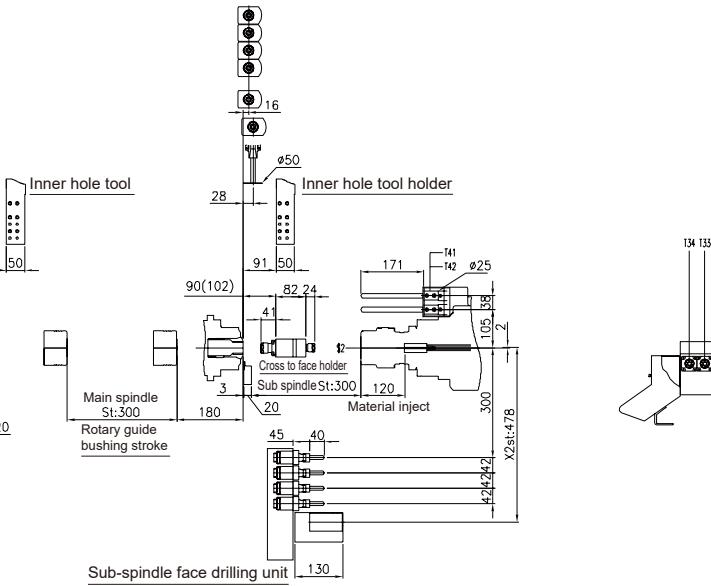
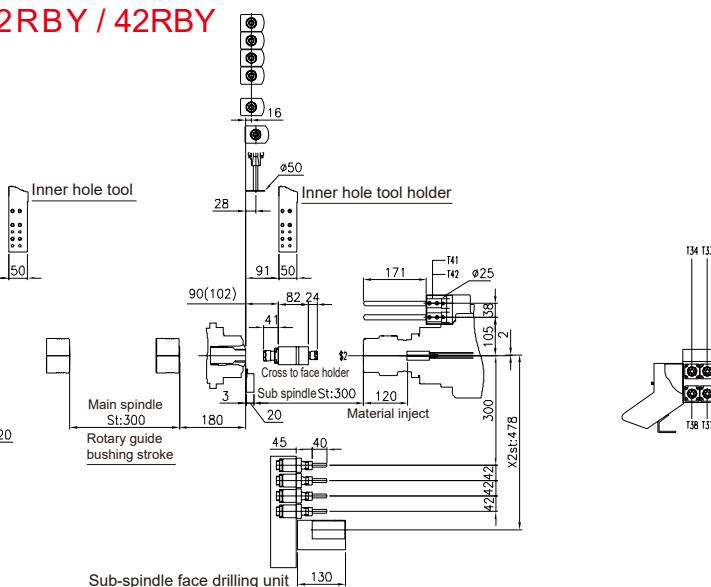


TOOL SYSTEM LAYOUT

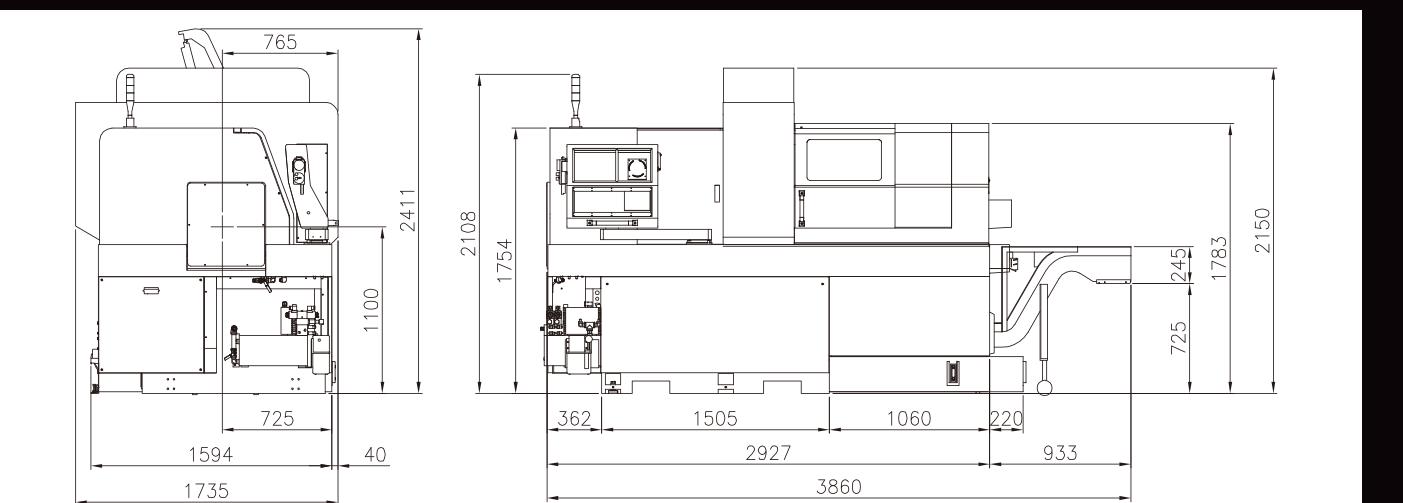
JSL-32RB / 42RB



JSL-32RBY / 42RBY



DIMENSION



SPECIFICATION

ITEM	Unit	JSL-32RB	JSL-32RBY	JSL-42RB	JSL-42RBY
Max. turning diameter of main spindle	mm	32	32	42	42
Max. turning diameter of sub spindle	mm				
Max. turning length (Rotary guide bushing)	mm			310	
Max. turning length (Non-guide bushing)	mm			105	
Max. turning length (Fixed bushing)	mm			350	
Max.drilling / tapping capacity of main spindle	mm			Ø25 / M12	
Max.drilling / tapping capacity of sub spindle	mm			Ø20 / M10	
Max. cross drilling / tapping capacity	mm			Ø12 / M8	
O.D tool holder	pcs			6 (Ø16mm) / 5 (Ø20mm)	
I.D tool holder	pcs			5 / Ø25mm	
S1 cross live tool holder	pcs			6 (ER-20)	
Sub-spindle face drilling tool	pcs	4	8	4	8
Controlled axes (incl. C-axis)	pcs	7	8	7	8
Main / sub-spindle bore	mm		Ø34		Ø44
Max.speed of main / sub-spindle	rpm		7000		6000
X1/Z1/Y1/X2/Z2/Y2 axis rapid traverse	m/min			24	
Max. speed of S1 cross drilling tool	rpm			4000	
S1 cross tool motor	KW			1.5	
S2 face tool motor	KW			1.5	
Max. speed of S2 face drilling tool	rpm			4000	
Main. Spindle motor	KW			5.5 / 7.5	
Sub-spindle motor	KW			5.5 / 7.5	
X1/Z1 axis motor	KW			1.4	
Y1/X2/Z2 axis motor	KW			1.0	
Y2 axis motor	KW	non	1.0	non	1.0
Coolant pump motor	KW		0.54		
Power requirement	KVA			30	
Lubrication oil capacity	L			2	
Coolant tank capacity	L			325 (100%)	
Machine dimension (L*W*H)	mm			3860 x 1735 x 2150	
Weight	KG	5110	5130	5110	5130

*Our company reserves the right to change the specifications without notice.

STANDARD ACCESSORIES

	JSL-32RB	JSL-32RBY	JSL-42RB	JSL-42RBY	
External tool holder (6 tools)	○	○	○	○	Sub-spindle
Inner tool holder (5 tools)	○	○	○	○	Face drilling/milling tool holder (4 tools) for sub-spindle
Cross drilling tool holder (6 tools)	○	○	○	○	Face drilling/milling tool holder (8 tools) for sub-spindle
Parts catcher and conveyer	○	○	○	○	Y2-axis
Tool & toolbox	○	○	○	○	Fixed tool holder (Sub-spindle)
Lighting device	○	○	○	○	2pcs
Fixed guide bushing holder	○	○	○	○	2pcs
Main spindle servo motor	○	○	○	○	3-position O.D. tool holder (Sub-spindle)
Main spindle with C-axis function	○	○	○	○	-
Cutting coolant	○	○	○	○	1pcs
Cutting coolant inspection (Electronic type)	○	○	○	○	2pcs
Cut-off inspection	○	○	○	○	2pcs
Lubrication device	○	○	○	○	2pcs
Sub-spindle with C-axis function	○	○	○	○	2pcs
					Chuck gripper
					2pcs
					Machining room with safety lock
					○
					○
					Guide bush
					1pcs
					1pcs
					Spindle collet chuck
					2pcs
					2pcs
					2pcs
					Operation manual
					○
					○
					NC control operation manual
					○
					NC control maintenance manual
					○

OPTIONAL ACCESSORIES

- ER16 M2 double side inner tool holder
- Simultaneous rotary guide bush holder
- Non guide bush holder
- Long part catcher
- Chip conveyor & cart
- ER 16/20 collet set
- Cutting oil chiller
- Stationary drilling tool holder (Sub-spindle)
- Rotary drilling tool holder (Sub-spindle)
- Power driven saw unit
- 3-position eccentric tool holder (main and sub-spindle)
- 3-position angel drilling tool holder (Manual)
- 1-position cross live tool holder (Sub-spindle)
- O.D tool holder (Sub-spindle)
- Shortened type Ø16 I.D. tool holder (Sub-spindle)
- Ø16 I.D. tool holder (Sub-spindle)
- Extended I.D. tool holder for sub-spindle (Ø16, 1-2)
- Extended tool holder Ø16 (With one Ø16 2-I.D. tool holder)
- Oil mist collector
- High pressure coolant system
- 15/50/100 bars (With sub-coolant tank)
- Hydraulic bar feeder
- Hydraulic chuck for sub-spindle
- CE
- Transformer
- Voltage Stabilizer



JINN FA

SWISS TURN MACHINE



JSL-42RBY



ISO 9001-2000

JSL-32RB/32RBY
42RB/42RBY



HIGH EFFICIENCY IN TURNING & MILLING A NEW STANDARD IN MACHINING

MAIN AND SUB-SPINDLE COMBINED WITH COMPREHENSIVE TOOL SYSTEM

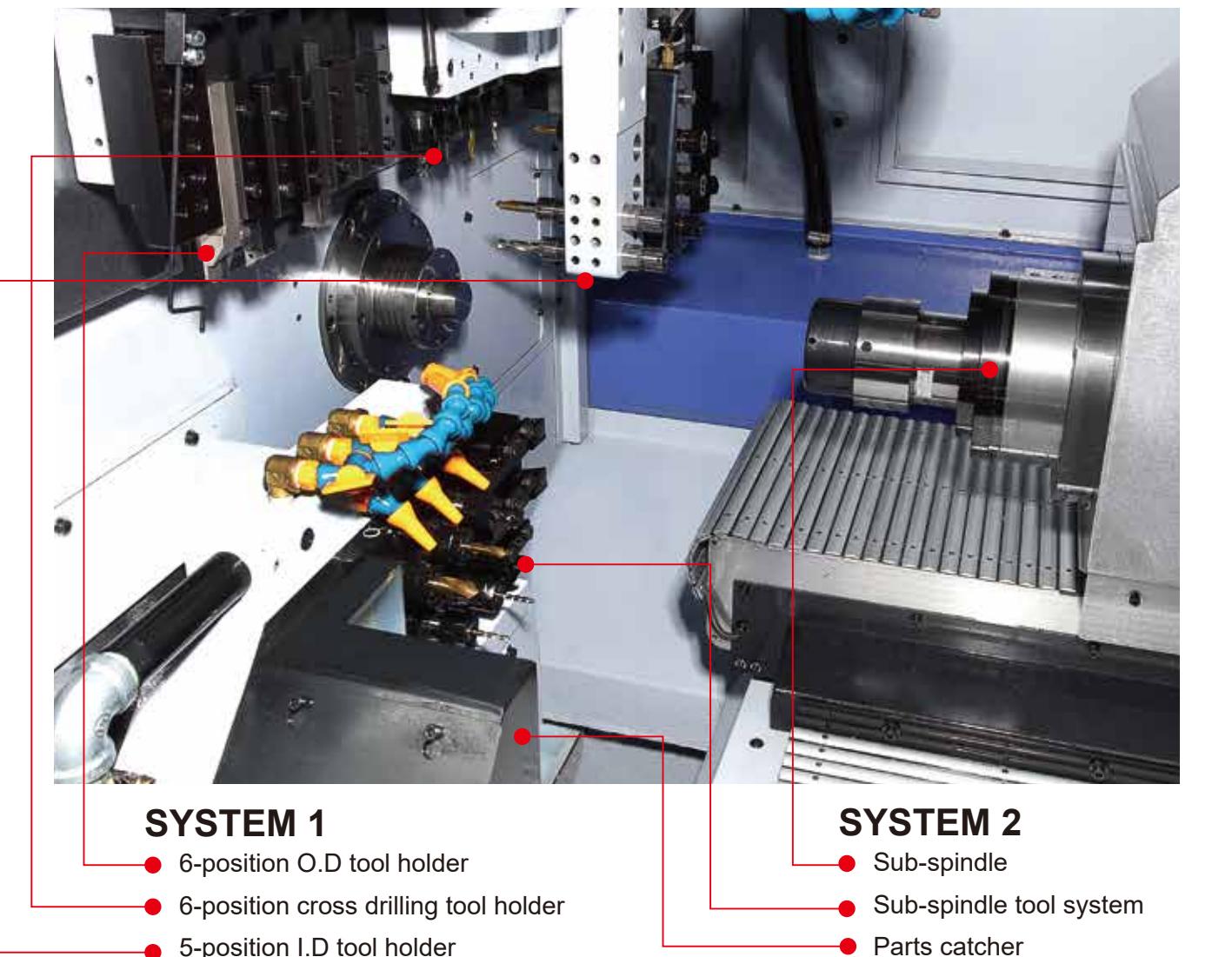
Focus on high efficiency and multi-tasking features, Jinn Fa JSL-32/42RB and JSL32/42RBY Swiss Turning Machines integrate sliding head and sliding tool in one single machine.

For applications in traveling-tool machining, these series are constructed around three axes (X, Y & Z) in combination with powered tool function. It allows for turning, milling, drilling and tapping operations with only one setup. The main spindle and sub-spindle perform machining synchronously, saving time for primary and secondary machining while ensuring higher accuracy for parts.

APPLICABLE PARTS MACHINING

Automotive and motorcycle parts / Electronic parts / Instrument parts / Pneumatic and hydraulic parts / Medical instruments

TOOL SYSTEM LAYOUT



JSL-32RB/42RB



Sub-spindle Tooling System

- Apply to backside machining

JSL-32RBY/42RBY



Sub-spindle Tooling System with Y Axis

- Apply to backside machining

JSL-32RB/32RBY/42RB/42RBY



Cross/Face Drilling Function

- Cross drilling tool can convert into 3-position face drilling tool for main and sub-spindle.
- Able to adjust angle



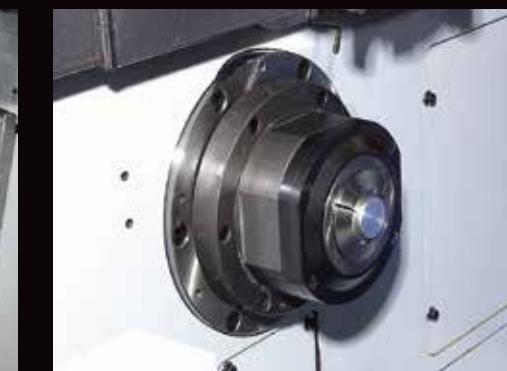
Fanuc 32i CNC Controller

- Rotary control panel is easier for operator to use.



Deep Hole Drilling Device (Max. 135mm)

- Sub-spindle can add deep hole drilling device with center coolant function.



Simultaneously Rotary Guide Bushing Holder (6000RPM)

- Apply to sliding head mode, increase the stability and the quality for long parts.

TOOL SYSTEM LAYOUT

