

SPECIFICATION

ITEM	Unit	JSL-12RB	JSL-12RBY
Main Spindle Max. Turning Diameter	mm	12	
Sub Spindle Max. Turning Diameter	mm	12	
Max. Turning Length (rotating bush)	mm	150	
Max. Turning Length (non bush)	mm	36	
Max. Turning Length (fixed bush)	mm	150	
Main Spindle Max. Drilling / Tapping Capacity	mm	Ø 8/M6	
Sub Spindle Max. Drilling / Tapping Capacity	mm	Ø 6/M5	
Max. Cross Drilling / Tapping Capacity	mm	Ø 5/M4	
OD Tool holder	pcs	6 / □ 10mm	
ID Tool holder	pcs	4 / Ø 20mm	
S1 Cross Live Tool Holder	pcs	5	
Sub Spindle Face Live Tool Holder	pcs	4	8
Control Axis (with C axis)	pcs	7	8
Main / Sub Spindle Max. Speed	rpm	12000	
Rapid Traverse	m/min	F:30 / M:24	
S1 Cross Drilling Max. Speed	rpm	8000	
S1 Cross Driven Motor	KW	1	
S2 Face Driven Motor	KW	1	
S2 Face Drilling Max. Speed	rpm	8000	
Main Spindle Motor	KW	2.2/3.7	
Sub Spindle Motor	KW	1.0/1.2	
X1 / Z1 Motor	KW	1.4	
Y1 / X2 / Z2 Motor	KW	0.75	
Y2 Motor	KW	Non	0.75
Coolant Pump	KW	0.54	
Power Requirements	KVA	20	
Lubrication Capacity	L	2	
Coolant Tank Capacity	L	115(100%)	
Machine Dimension (L x W x H)	mm	2106x1035x1800	
Weight	KG	2205	

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

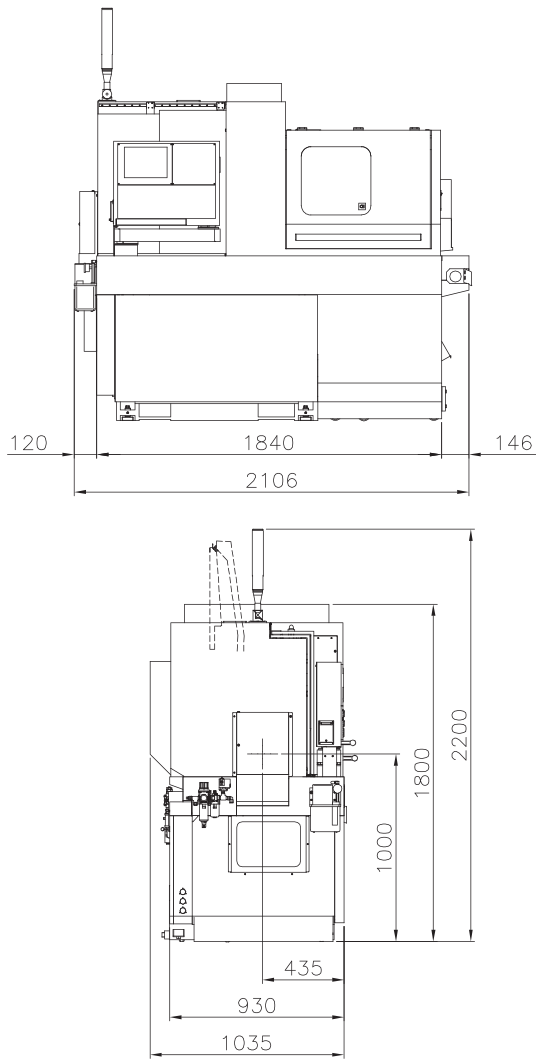
STANDARD ACCESSORIES	JSL-12RB	JSL-12RBY
External tool holder (6 tools)	○	○
Inner tool holder (4 tools)	○	○
Cross drilling tool holder (5 tools)	○	○
Parts catcher and conveyor	○	○
Tools & tool box	○	○
Lighting device	○	○
Non guide bushing holder or fixed guide bushing holder	○	○
Spindle servo motor	○	○
Main spindle C axis	○	○
Sub spindle C axis	○	○
Cutting coolant device	○	○
Cutting coolant inspection	○	○
Cut-off inspection	○	○
Lubrication device	○	○
○: Standard - : Non		

OPTIONAL ACCESSORIES

- ER16 M2 double sided inner tool holder
- Simultaneous rotary guide bushing holder
- Long parts catcher (Sub spindle)
- Chip conveyor & cart
- ER16 collet set
- ER11 collet set
- Cutting oil chiller
- Collet spring
- Chuck gripper
- Stationary tool holder (sub spindle ø20)
- Stationary tool holder (sub spindle ER-16)
- Rotary tool holder (sub spindle ER-16)

- Whirling threading unit (without inserts and insert holder)
- Power driven saw unit (main spindle)
- Power driven saw unit (sub spindle)
- 3 position angle drilling tool holder (manual adjusting)
- 1 position cross live tool (sub spindle)
- 1 position OD tool holder (sub spindle)
- Voltage stabilizer
- Transformer
- Oil mist collector
- High pressure coolant system 15/50/100 bars (with sub-coolant tank)
- Hydraulic bar feeder

DIMENSION



CNC SWISS TURN MACHINE



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JSL-12RB/12RBY





# JSL-12RB/12RBY

## The Cutting Edge of Parts Turning and Milling

Main and Sub-spindle Combined with Multiple Tooling System for Maximum Flexibility of Machining.

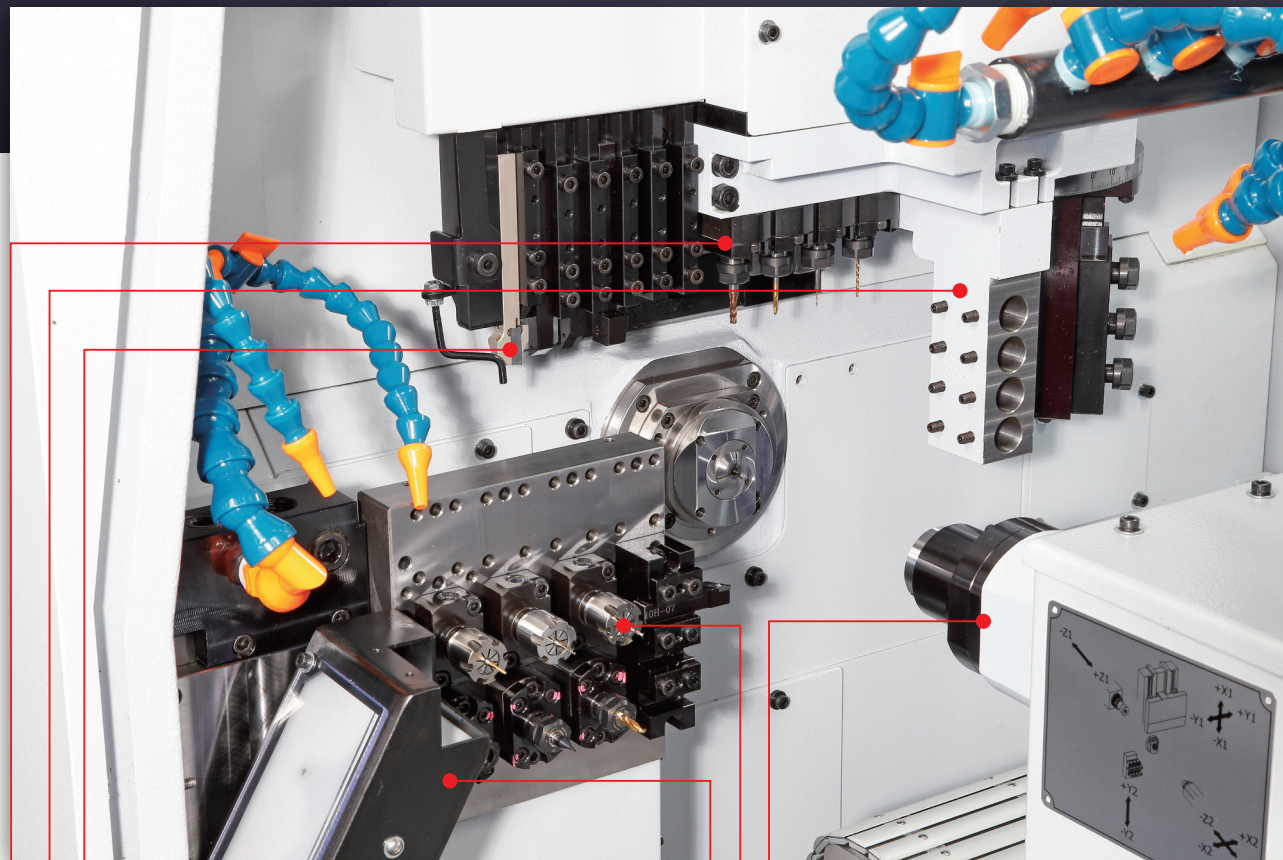
**Jinn Fa** JSL series CNC lathe features not only having high rigidity structure but also multiple functions for with guide bush and without guide bush machining. The tool-traveling turning on X \ Y and Z axis provide superior performance on both long and short work piece machining. The exceptional machining capabilities, accuracy and stability ensure the JSL series is the best possible turning solution.

You will be amazed at the versatile machining performance of the Jinn Fa CNC lathe. Although compact in construction, it offers multi-functions for maximum flexibility of operation. It's the best choice for various manufacturers of automotive and motorcycle parts, electronic parts, instrument parts, pneumatic and hydraulic parts, etc. The machine is equipped with a sub-spindle, allowing turning, milling, drilling and tapping for the back side working.

The main spindle and sub-spindle perform machining synchronously, which saves cycle time greatly. In addition, it also provides great time saving for secondary machining. Upon request, side drilling can be converted to end drilling.



## TOOL SYSTEM LAYOUT



### SYSTEM 1

- 6-position O.D tool holder
- 4-position I.D tool holder
- 5-position cross drilling tool holder

### SYSTEM 2

- Sub-spindle
- Sub-spindle tool system
- Parts catcher

## TOOL SYSTEM LAYOUT

