

SL-120 CNC LATHE



FENG HSING MACHINERY CO., LTD.

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Capacity		Slide gang type	Turret
	Swing over bed	Ø330(Ø13)	
	Swing over cross slide	Ø136(Ø5.4)	Ø135(Ø5.3)
	Max. machining diameter x length	Ø135x150 (Ø5.3x5.9)	Ø128x130 (Ø5.0x5.1)
	Slant angle of bed	45°	
	Max. travel range of z/x-axis	230/230(9.1x9.1)	230/107(9.1x4.2)
	Servo motor of z/x-axis	1.2/1.2KW	
	Rapid traverse rate each axis	30/30 m/min(1.181/1.181 ipm)	
Spindle	Front bearing bore	Ø80(Ø3.2)	
	Bore/bar capacity	Ø45/Ø35(Ø1.77/Ø1.38)	
	Spindle nose	ASA A2-5	
	Taper of spindle bore	1/20	
	Spindle motor	5.5/7.5KW(7.5/10HP)	
	Spindle speed	Standard : 6000rpm	
	Diameter of chuck	Standard : 6"Hydraulic(Taiwan made)	
Turret	Type	Slide gang type	Tool turret
	Stations	6pcs	8pcs
	Tool shank size	16x16(5/8 x 5/8)	
	Boring bar diameter	Ø25/2pcs(Ø1/2pcs)	Ø25/4pcs(φ1/4pcs)
	Radial tool size	16x16(5/8 x 5/8)1pcs	-
	Axial tool size	2pcs	-
	Dual tool size	1pcs	-
Motor	Coolant motor	960 W	
	Hydraulic motor	745 W(1 HP)	
	Chip conveyor motor	215 W(1/4 HP)	
Accuracy	Positioning	±0.005	
	Repeatability	±0.002	
Machine size	Center height from bed	255(10)	
	Center height from floor	900(35.4)	
	Floor area (L x W)	2,125 x 2,140(183.6 x 84.3)	
	Packing size (L x W x H)	2,380 x 2,280 x 2,030(93.7 x 89.8 x 79.7)	
	Net weight	2,250kg	
	Gross weight	2,400kg	

Specifications are subject to change without notice for further design improvement.

STANDARD ACCESSORIES

- | | |
|---|---|
| 1. Fanuc Oi-Mate Controller | 11. Tool Kit |
| 2. Spindle Speed : 6000 rpm. | 12. One set of soft Jaws |
| 3. Spindle Motor : 5.5/7.5kw | 13. Taper Sleeve (MT No.1 & MT No.2) x O.D.25 |
| 4. 6"Hydraulic chuck | 14. Boring Bar Bushings |
| 5. 6 Sets Gang Type Tool Holder (□16x□16) | (φ8, φ10, φ12, φ16, φ20) x O.D.25 |
| 6. Coolant System | 15. Operation Manual |
| 7. Leveling Bolts and Pads | 16. Maintenance manual |
| 8. Grease Lubrication System | 17. Electrical Circuit Diagram |
| 9. Work Lamp | 18. Parts List |
| 10. End of Program Light | |

OPTIONAL ACCESSORIES

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|--|------------------------|
| 1. Fanuc Oi-TD Controller | |
| 2. Siemens Controller | |
| 3. Mitsubishi Controller | |
| 4. 6"Hydraulic Chuck (Japan made) | |
| 5. Hydraulic 8-Tool Turret | |
| 6. Parts Catcher | 11. Oil Mist Collector |
| 7. Collet Chuck | 12. Transformer |
| 8. Bar Feeder | |
| 9. Bar Feeder Interface | |
| 10. Chain Type Chip Conveyor + Chip Bucket | |



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