

SSLC series**CNC Slant Bed Lathe**

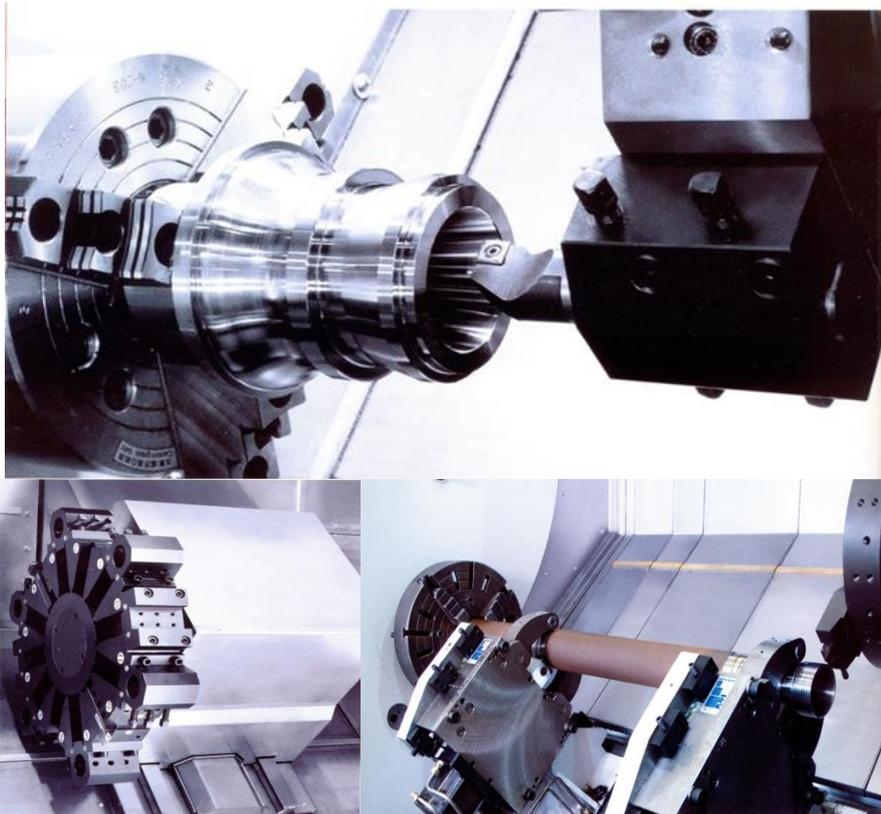
SSLC series CNC lathes are designed for the automatic machining of a wide variety of components for the auto, electronics, aerospace, and petroleum and armaments industries. This CNC lathe permits high speed machining, highly intelligent, efficient, and safe operation. The oil water separation design can improve environmental conformity and reduce production costs, such word class machine that is more competitive with any other machine in the marketplace.

This CNC lathe permits high speed machining, highly intelligent, efficient, and safe operation. Machine adopt Finite Element Methods (FEM) analyze design to increase 40% rigidity when comparing to conventional design.

Features

1. Meehanite casting, slant bed design, unique advanced circular rib construction, to provide superior stability and shock resistance. 45° slant bed design to offer low gravity and big swing.
2. Fin type design head stock to provide excellent heat scattering. Enlarge high precision double row roller bearing, composed with enlarge head stock, to reach very rigid , stable performance and Enlarge bar capacity

3. Hydraulic turret with best brand high quality hydraulic motor which has high torque, indexing for neighbor tool is 0.3 second, cross tool is 1.5 second.
4. Enlarge high precision ball screw, with P4 ball bearing, X/Y axes with pre-tension test, to reach best positioning accuracy. All axial slide way have auto lubrication, lubrication supply can be detected by pressure detect system.



Technical specifications

Item		Unit	SSLC30	SSLC32	SSLC50	SSLC63	SSLC80
Diameter	Max. swing over bed	mm	480	480	700	800	950
	Max. swing over cross slide	mm	300	320	400/500	630	800
	Max. turning diameter	mm	260	260	400/500	630	800
	Max. turning length	mm	500	500	1/1.5/2m	1.5/2/3/4/6m	1/1.5/2m
Spindle	Spindle nose		A 2-6	A 2-6	A 2-8 (A2-11)	A2-11	A 2-8 (A2-11)
	Chuck size	inch	8"	8"	12"/15"	15"	12"/15"
	Spindle bore hole	mm	52/62	60	80/104	96	130
	Spindle speed	rpm	50 - 4000	50 - 4000	35 - 3000	20-2000	20 -1200
	Spindle motor	Kw	11/9	11/9	18/15	37/30	37/30
	Bar capacity	mm	38/48	45	65/80		
Travel	Z axis Travel	mm	530	530	1.1/1.6/2.1m	1.6/2.1/3.1/4.1/6.1m	1.6/2.1/3.1/4.1/6.1m
	X axis Travel	mm	152	152	220/270	325	410
Rapid feed rate	Z axis rapid traverse	m/min	20	20	20	12	12
	X axis rapid traverse	m/min	30	30	30	12	12
Turret	Number of tools	unit	8	8	8/12	12	12
	Turning tool size	mm	□25	□25	□25	□32	□32
	Boring tool size	mm	φ32	φ32	Φ40/ Φ50	Φ40/ Φ50	Φ40/ Φ50
	Indexing type		Hyd./Servo (Opt)	Hyd./Servo (Opt)	Hyd./Servo (Opt)	Hyd./Servo (Opt)	Hyd./Servo (Opt)
	Tool to tool change time (Neighboring tools)	sec.	0.45/0.3	0.45/0.3	0.45/0.3	0.45/0.3	0.45/0.3
	Tool to tool change time (Furthest tools)	sec.	1.7/0.9	1.7/0.9	1.7/0.9	1.7/0.9	1.7/0.9
Tailstock	Tailstock travel	mm	360	360	1/1.5/2m	1.5/2/3/4/6m	1.5/2/3/4/6m
	Quill travel	mm	100	100	150	160	160
	Quill diameter	mm	80	80	120	180	180
	Taper center	MT	4	4	5	6	6
Layout	Floor space	mm	2948x1758	3275x1930	4100/4850/5420X2200X2400	5150/5650/6650/7650/9650x2630	5150/5650/6650/7650/9650x2830
	Machine height	mm	1746	2040	2400	2450	2550
	Net weight	kg	5000	5000	7500/8500/9500	12/15/18/20/30 tons	12.7/15.7/18.7/20.7/30.7 tons

Standard Accessories

1. Fanuc 0i-mate TD CNC controller
2. Hydraulic chuck
3. Hydraulic tailstock with programmable sleeve
4. Hydraulic turret from Taiwan
5. Linear guide way design
6. Tri-color alarm light
7. Coolant system
8. Chain type chip conveyer
9. Transformer
10. Foot brake pedal
11. Full-enclosed cover
12. Tool kits
13. 380v/50hz/3ph
14. Manual book

Optional Accessories

1. Siemens , Fagor or heidenhain CNC controller
2. Automatic tool pre-setter
3. C -axis
4. Y- axis
5. Automatic part transfer system
6. Full automation system with robot
7. Part catcher
8. Oil skimmer
9. Oil mist collector
10. Collet chuck
11. Bar feeder