

CNC LATHE SERIES

Complete Range Combine With
Flexible Configuration



Compact Design – Without Tailstock

For disc and short parts, SL has the Same Performance as the STL
– At a Lower Price Point, Perfect for Automation Options

- Cast Mono-Block, "True Align" Slant Bed Structure
- Adjustable "Ergonomic" Operator Control Panel
- Servo Spindle Motor – High Speed with Low Speed Constant Torque
- Handheld Electronic Hand Wheel
- Highly Efficient Turret – Indexing, Bi-Directional, Non-Lifting
- Schneider Superior Quality Electrical Components
- Cylindrical Roller LM and Cylindrical Roller Spindle Bearings are standard for big models and also available for small model as an option to increase rigidity
- Star SL6 and SL10E are designed with extra gang static or live tool holder options under the turret.

Standard Features

- Hydraulic 3-jaw Chuck
- 8-station Turret
- Automatic Lubrication System
- Automatic Coolant System
- 3 Color Indicator Lamp
- Work Lamp
- Fully Enclosed Guard
- Hydraulic System
- Heat Exchanger Of Electric Cabinet

Optional Features

- 12-Station Turret
- Different Chucks And Collets
- Chip Conveyor
- Tool Setter
- Bar Feeder
- Oil Mist Collector
- Air Conditioner Of Electric Cabinet
- Extra Gang Tool Holder (SL6, SL10E)



Specifications

	Unit	SL6	SL8	SL10E	SL10	SL12
Capacity	Chuck size	inch	6", *8", *10"	8"	8", *10"	10"
	Max. swing dia. over bed	mm	Φ400	Φ450	Φ500	Φ550
	Max. length of workpiece	mm	250, *350	320	300, *400	450, *600
	Max. swing dia. over slide	mm	Φ210	Φ220	Φ210	Φ300
Spindle	Spindle bore	mm	Φ55 *Φ62 *Φ81	Φ62	Φ62 *Φ75	Φ86 *Φ75
	Max. dia. of through-hole	mm	Φ46 *Φ52 *Φ70	Φ52	Φ52 *Φ65	Φ75 *Φ65
	Spindle nose	type	A2-5 *A2-6 *A2-8	A2-6	A2-6 *A2-8	A2-8 *A2-8
	Spindle speed	rpm	4500 *2000 *1600	4000	4000 *3500	3000 *3500
		kW	*5000 *4000 *2500	*2000	*2000	
	Main motor power		5.5/7.5	7.5/11	7.5/11	11/15
Axis	X axis travel	mm	250	250	280	280
	Z axis travel	mm	250, *350	320	300, *400	450, *600
	X/Z rapid traverse	m/min	20/25	20/20	20/20	20/20
Turret	No. of tool stations	nos	8, *12	8, *12	8, *12	8, *12
	Tool shank size	mm	20x20, *25X25	25x25, *20x20	25x25, *20x20	25x25
Structure	Slant bed degree		35°	45°	60°	35°
	Guideway type		LM	LM	LM	LM
Others	Power capacity	kVA	13	15	15	18
	Overall dimension (LxWxH)	mm	2520x2050x1960	2290x1600x1810	2520x1750x2050	2800x1790x2130
	Weight (about)	kg	2500	3300	4000	4800

Note: "*" means optional, "LM" means linear motion guideway.



Z-MaT ZHEJIANG ZHENHUAN CNC MACHINE TOOL CO., LTD.

Zhejiang Headquarter and Plant:

Add: Mechanical & electrical industrial zone, Yuhuan,
Zhejiang, 317600 China

Phone: +86-576-87226292 Fax: +86-576-87226290

www.zmat.cn E-mail: info@zmat.cn

Jiangsu Accessories Plant:

Shandong Precision Spindle Unit Plant:

Hong Kong Commercial Center:

Taiwan R&D Center:

Nanjing Zhenhuan Machinery Co., Ltd.

Weihai Giessen Seiki Co., Ltd.

Kimway Dragon Holdings limited

GreaMaT Machinery Co., Ltd.

No.1 Tuqiao Industrial Zone, Jiangning District, Nanjing, Jiangsu.

No. 39-3 Hi-tech Industrial Zone, Weihai, Shandong.

701A Caroline Centre, 2-38 Yun Ping Road, Hong Kong.

No. 955, Section 4, Wenxin Rd., Beitun District, Taichung, Taiwan.