



SL

MODELS: > SL 250X500 > SL 250X500 M > SL 275X530
> SL 305X470 M > SL 275X1200 > SL 275X1200 M

CNC Slant bed lathe.

The SL series are up to 3-axes horizontal turning centres designed to provide a complete customization and component specific solutions to customers. Tailor made solutions with high degree of organization to adapt to the production of any type of part.

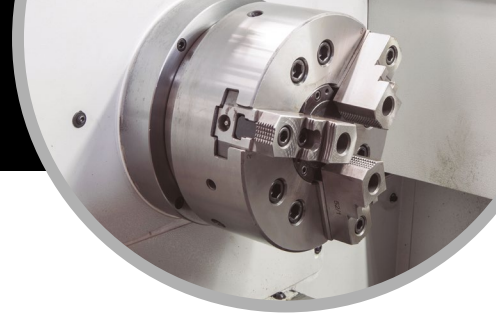


STANDARD EQUIPMENT

- Fagor 8058 Control
- Dynamic graphics / trajectory
- Profile editor
- Electronic handwheel for X and Z
- Main spindle A2-6 with Ø63 mm bore
- Hydraulic power chuck
- 8-position automatic turret
- Linear motion guides on both axis
- Hydraulic tailstock
- Hydraulic system
- Coolant system (4 bar)
- Automatic lubrication system
- Heavy-duty cast-iron machine base
- Precision levelling bolts
- Work light
- Status signal light
- Control cabinet cooler with filtration
- Instruction manual
- CE standard

OPTIONAL EXTRAS

- Fanuc Control Oi-TF Plus, Siemens 828D
- Main spindle with Ø 74 and 86 bore
- C-axis
- Automatic live tool turret with 12 or 16 positions VDI or BMT
- Hydraulic chuck with larger bar pitch
- Hydraulic steady rest
- Electric transformer
- Live Center
- Chip conveyor
- Tool presetter
- Electric panel cooler
- Anti-vibration kit
- Auto parts catcher
- Bar feeder



TECHNICAL DATA SHEET

		SL 250X500	SL 250X500 M	SL 275X530	SL 305X470 M	SL 275X1200	SL 275X1200 M
Working capacity							
Ø max. swing over bed	mm / in	490	490	550	610	550	550
Ø max. swing over carriage	mm / in	225	210	275	350	280	280
Ø max. turned die	mm / in	320	272	320	426	350	350
Max. turning length	mm / in	500	500	530	470	1200	1200
Longitudinal carriage travel	mm / in	500	500	530	500	1220	1220
Cross slide travel	mm / in	165	193	275	218	184	184
Headstock							
Main motor power	FAGOR (S6/S1)	kW		15/11			
	FANUC (S3/S1)	kW		18/15			
	SIEMENS (S6/S1)	kW		14.3/11			
Headstock main spindle bore	mm	63	74	63	74	63	74
Main spindle nose	ASA	A2-6				A2-6	A2-8
Ø max. Bar capacity	mm	51	63	51	63	51	75
Max. spindle speed	r.p.m.	5000	4500	5000	4500	3500	4000
X-axis, Z-axis							
Rapid traverse Z	m/min	30				24	
Rapid traverse X	m/min	30				24	
Z - Ball screw, Ø/pitch	mm	32/10				32/10	
X - Ball screw, Ø/pitch	mm	32/10				32/10	
X - MOTOR TORQUE	FAGOR	Nm		6,3			
	FANUC	Nm		7			
	SIEMENS	Nm		11			
Z - MOTOR TORQUE	FAGOR	Nm		11,6			
	FANUC	Nm		11			
	SIEMENS	Nm		11		16	
Tailstock							
Tailstock barrel	mm	410	410	410	410	1080	1080
Tailstock barrel Ø	mm	80				80	
Tailstock barrel travel	mm	100	100	100	100	120	120
Tailstock Morse taper	MT	4				4	
Turret							
Standard turret		PRAGATI BTP-80	SAUTER 0.5.436.216	PRAGATI BTP-80	SAUTER 0.5.450.416	PRAGATI BTP-80	SAUTER 0.5.436.216
Turret type		ELECTROMECHANICA	SERVO	ELECTROMECHANICA	SERVO	ELECTROMECHANICA	SERVO
Stations of standard turret		8	12	8	12	8	12
Tool shank	mm	25X25	20X20	25X25	20X20	25X25	20X20
Ø Boring bar	mm	40	32	40	32	40	32
Cooling system							
Coolant pump	bar	4				4	
Tank capacity	l	100				205	
Hydraulic system							
Hydraulic pump capacity	l.p.m.	14				14	
Tank capacity	l	45				45	
System pressure	Kg/cm ²	30				30	
Dimensions and weight (chip conveyor included)							
Length	mm	3680	3680	3750	3700	5150	5150
Width	mm	1720	1720	1850	1950	1793	1793
Height	mm	1680	1680	1800	1880	1760	1760
Weight	kg	3750	4000	4000	4250	5500	5750
Options							
Hydraulic steady rest Ø	mm	-	-	-	-	12 - 125	12 - 125
Dimensions and weight with packaging							
Length	mm	3880	3880	3950	3900	5350	5350
Width	mm	1920	1920	1950	2050	1893	1893
Height	mm	1880	1880	2000	2080	1960	1960
Weight	kg	4050	4300	4300	4550	5900	6050

Note: The data is merely informative and subject to change according to the needs of the company.