



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 maximum flexibility to produce parts.



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
- Dead center for tailstock
- 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	500	500	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	193	
Headstock								
Main motor power	FAGOR (S6/S1)	kW	15/11	15/11	15/11	15/11	15/11	
	FANUC (S3/S1)	kW	11/7.5	11/9	15/11	11/9	11/7.5	
	SIEMENS (S6/S1)	kW	10.2/9	14.4/12	13.2/11	14.4/12	10.2/9	
Headstock main spindle bore	mm	63						
Main spindle nose	ASA	A2-6						
Ø max. Bar capacity	mm	51						
Ø bearing	mm	100						
Max. spindle speed	r.p.m.	5000	5000	3500	3500	4000	4000	
X-axis, Z-axis								
Rapid traverse Z	m/min	30	30	30	30	24	30	
Rapid traverse X	m/min	30	30	30	30	24	30	
Z - Ball screw, Ø/pitch	mm	32/10						
X - Ball screw, Ø/pitch	mm	32/10						
X - MOTOR TORQUE	FAGOR	Nm	6,3					
	FANUC	Nm	7	11	7	11	7	11
	SIEMENS	Nm	11					
Z - MOTOR TORQUE	FAGOR	Nm	11,6					
	FANUC	Nm	7	11	7	11	11	11
	SIEMENS	Nm	11	11	11	11	16	16
Tailstock								
Tailstock barrel	mm	410	410	410	410	1080	1080	
Tailstock barrel Ø	mm	80						
Tailstock barrel travel	mm	100	100	100	100	120	120	
Tailstock Morse taper	MT	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						
Tank capacity	l	110	110	110	110	205	205	
Hydraulic system								
Hydraulic pump capacity	l.p.m.	14						
Tank capacity	l	45						
System pressure	Kg/cm ²	30						
Dimensions and weight (chip conveyor included)								
Length	mm	2395	2395	2430	2395	3828	3828	
Width	mm	1800	1880	1850	1950	1793	1793	
Height	mm	1770	1770	1800	1880	1760	1760	
Weight	kg	3750	4000	4000	4250	5500	5750	
Options								
Hydraulic steady rest Ø	mm	-	-	-	-	8 - 101	8 - 101	
Dimensions and weight with packaging								
Length	mm	2595	2595	2630	2595	4028	4028	
Width	mm	1600	1680	1650	2050	1893	1893	
Height	mm	1970	1970	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.