



**Series**

**SLA  
CNC**

**SLA-650 • SLA-750 • SLA-900 • SLA-1000  
SLA-1150 • SLA-1250 • SLA-1400 • SLA-1550**

**CNC**

**Lathe Machine**

***HEAVY DUTY Series***

**Sahil Alloys & Machine Tools**

# Specifications:

MODEL	DESCRIPTION	SLA-650	SLA-750	SLA-900	SLA-1000
<b>CAPACITY</b>	Swing Over Bed	650mm	750mm	900mm	1000mm
	Swing Over Cross Slide	370mm	480mm	600mm	700mm
	Centre Height	330mm	385mm	445mm	500mm
	Distance Between The Centers	1525mm,2050mm,3050mm,4050mm,5050mm,6050mm,7050mm,8050mm,			
	Bed width	480mm			
<b>SPINDLE</b>	Spindle bore	A2-11 100mm	A2-11 150mm	A2-15 225mm	
		L2: 22~90 rpm	22~90 rpm	12~51 rpm	
		L1: 50~201 rpm	50~201 rpm	25~128 rpm	
		H2:156~624 rpm	156~624 rpm	99~276 rpm	
	Spindle nose	H1:347~1200rpm	347~860 rpm	137~700 rpm	
	Spindle center	MT5			
	Width of slide	280mm			
	Turret type	H4 or V8 Hydraulic			
	Tool size	H4 or V8 25x25			
	X axis travel	400mm			
Z axis travel	1380mm, 1890mm, 2910mm, 3910mm, 4910mm 5910mm				
X axis rapid travel	5M / min ø32 P5				
Z axis rapid travel	10M / min ø50 P10				
<b>TAILSTOCK</b>	Quill diameter	Ø105mm, Opt. Rotating quill Ø150mm			
	Quill travel	200 mm			
	Quill taper	MT6			
<b>MOTOR</b>	X Axis servo motor	1.5M~4M FANUC α8i 1.6kw, 5M~6M FANUC α12i 3.0kw			
	Z Axis servo motor	1.5M~4M FANUC α12i 3.0kw, 5M~6M FANUC α22i 4.0kw			
	Spindle motor	FANUC *15i 15/18.5kw, Opt. 18.5/22kw			
	Lubricant pump motor	25W			
	Coolant pump motor	0.455kw			
	Hydraulic pump motor	1kw			
<b>MACHINE WEIGHT</b>	1500mm center distance	6000kgs	6500kgs	7000kgs	7500kgs
	Each extra 500mm weight	500kgs			

## STANDARD ACCESSORIES

- Fanuc control & spindle motor
- H4 or V8 hydraulic turret
- Auto lubrication, coolant & hydraulic system
- Splash guard
- Center, MT5 for spindle & MT6 for tailstock
- Work light
- Manual tailstockal tailstock

## OPTIONS

- Extra spindle bore (6" or 9") & motor
- Spindle oil chiller
- Chucks & Face plate
- Other controller
- Transformer (power supply except 220V)
- Steady rest & follow rest (Hydraulic or Manual)
- Rear tool post
- Chip conveyor, chain type
- Hydraulic tailstock
- Tailstock movable by motor & rack

MODEL	DESCRIPTION	SLA-1150	SLA-1250	SLA-1400	SLA-1550	
<b>CAPACITY</b>	Swing Over Bed	1150mm	1250mm	1400mm	1550mm	
	Swing Over Cross Slide	720mm	850mm	980mm	1110mm	
	Centre Height	585mm	650mm	517mm	780mm	
	Distance Between The Centers	1150mm,3150mm,4150mm,5150mm,6150mm,7150mm,8150mm,9150mm,10150mm,(upto 16000mm)				
	Bed Width / Auxilliary Guide	700mm/850mm				
<b>SPINDLE</b>	Spindle nose	A2-11, 150mm	9~600 rpm ( Opt. 12~800 rpm)			
		A2-15, 225mm	9~450 rpm ( Opt. 12~600 rpm)			
		A2-20	9~400 rpm	9~300 rpm		
		300-365mm	6~250 rpm			
		A2-28 400mm	6~220 rpm			
	A2-28 525mm					
	Spindle center	MT 6				
Width of cross slide	420 mm					
Width of carriage	950 mm					
<b>TURRET</b>	Turret	H4-350 or V8 Hydraulic				
	Tool size	H4 32x32 or V8 32x32 ; Ø50				
	X axis travel	730mm (28.7")				
	Z axis travel	1050 mm ~ 10050 mm				
	X axis rapid travel					
	Bell screw dia	6M / min (Ø40mm * p5)				
	Z axis rapid travel	6M / min, 1M~5M (Ø 63mm * p10),				
Bell screw dia	6M~7M (Ø80mm*P10), 6M~10M (Rack & Pinion Driver)					
<b>TAILSTOCK</b>	Quill diameter	185 mm Rotating quill Opt: 250 mm / 350 mm				
	Quill travel	250 mm				
	Quill taper	MT 6				
<b>MOTOR</b>	X Axis servo motor	FANUC α22i 4kw				
	Z Axis servo motor	1~4M FANUC α22i 4kw, 5~8M FANUC α30i 7kw, 4~8M Gear Box				
	Spindle motor	FANUC α22i 22/26kw				
	Lubricant pump motor	25W				
	Coolant pump motor	0.845kw				
	Hydraulic pump motor	2.25kw				
<b>MACHINE WEIGHT</b>	1500mm center distance	16400kgs	17000kgs	17600kgs	18200kgs	
	Each extra 500mm weight	1500kgs				

## SAHIL ALLOYS & MACHINE TOOLS

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