

MODEL		ST 180		ST 225		ST 285	
SPECIFICATIONS		MM	INCH	MM	INCH	MM	INCH
Control- Siemens 828D Basic T (Options:- Fagor 8055i & Fanuc Oi Mate- TD)							
Centre distance		750 / 1000	30" / 40"	1000 / 1500	40" / 60"	1000 / 1500 / 2000 / 3000	40" / 60" / 80" / 120"
Centre Height		180	7"	225	9"	285	11"
Swing over bed		360	14"	450	18"	570	24"
Swing over carriage		300	12"	370	15"	490	21"
Swing over cross slide		190	7"	260	10"	360	16"
Cross slide travel		185	7 ¼"	235	9 ¼"	300	11 ¾"
Length of carriage		450	17 ¾"	485	19"	550	21 ¾"
Length of cross slide		500	19 ½"	500	19 ½"	600	23 ½"
Bed width		250	10"	300	12"	350	14"
Headstock Main spindle bore		42	1 ½"	65	2 ½"	80	3"
Main spindle nose		A2 - 5		A2 - 6		A2 - 8	
Main spindle morse taper (MT)		4		5		5	
Speed range (rpm)		0- 4000		0- 3000		0- 2500	
Working feed Z,X (mm/min)		0 - 7500		0 - 7500		0 - 7500	
Rapid traverse Z (mm/min)		12		12		12	
Rapid traverse X (mm/min)		15		15		15	
Z - axis ball screw Ø		40/10		40/10		40/10	
X - axis ball screw Ø		20/5		20/5		20/5	
Tail stock barrel Ø		58	2 ¼"	68	2 ½"	95	3 ¾"
Tail stock barrel travel		180	7"	200	7 ¾"	220	8 ½"
Tail stock morse taper(MT)		4		4		5	
Number of stations		8		8		8	
Tool sank		20	¾"	25	1"	25	1"
Boring bar		32	1 ¼"	40	1 ½"	40	1 ½"
Position Accuracy		0.01		0.01		0.01	
Repeatability		0.01		0.01		0.01	
Fixed Steady capacity		125	4 ¾"	145	5 ½"	185	7 ¼"
Follow Rest capacity		90	3 ½"	95	3 ¾"	130	5"
Main Motor Power (kw)		7.5		9		11	
Pump Motor Power (kw)		0.37		0.37		0.37	
Discharge (lpm)		25		25		25	
Capacity of coolant tank (lts)		42 / 55		67 / 92		81 / 111	
Overall dimensions (mm)	Length	2140/2417		2580/3080		2590/3104/3111/4624	
	Width	1035		1165		1140	
	Height	1870		1908		2150	
	Weight (Kg)	1200/1490		1400/1680		2300/2515/3010/3700	
Acceptance Accuracy		DIN 8605		DIN 8605		DIN 8605	

Specifications subject to change without notice. No responsible for typographical error. Machines shown optional equipment.

MODEL		ST 310		ST 400		ST 500	
SPECIFICATIONS		MM	INCH	MM	INCH	MM	INCH
Control- Siemens 828D Basic T (Options:- Fagor 8055i & Fanuc Oi Mate- TD)							
Centre distance		1000 / 1500 2000 / 3000	40" / 60" 80" / 120"	1000/2000/3000 4000 / 5000	40" / 80" / 120" 157" / 197"	2000/3000 4000 / 5000	80" / 120" 157" / 197"
Centre Height		310	12"	400	16"	500	20"
Swing over bed		620	24"	805	32"	1010	40"
Swing over carriage		540	21"	720	28"	935	37"
Swing over cross slide		410	16"	515	20"	718	28"
Cross slide travel		310	12"	400	16"	500	20"
Length of carriage		550	21 ¾"	900	35"	850	33"
Length of cross slide		600	23 ½"	750	30"	950	37"
Bed width		350	14"	425	17"	500	20"
Headstock Main spindle bore		105	4"	105	4"	130	5"
Main spindle nose		A2 - 8		A2-8 / A2-11 / A2-15		A2-11	
Main spindle morse taper (MT)		5		5		6	
Speed range (rpm)	Range I	0- 2500		0-450		0-375	
	Range II	-		450-1700		375-1400	
Working feed Z,X (mm/min)		0 - 7500		0-7000		0-7000	
Rapid traverse Z (mm/min)		12		10		10	
Rapid traverse X (mm/min)		15		10		10	
Z - axis ball screw Ø		40/10		50/10		50/10	
X - axis ball screw Ø		20/5		32/5		32/5	
Tail stock barrel Ø		95	3 ¾"	96	4"	120	5"
Tail stock barrel travel		220	8 ½"	215	9"	300	12"
Tail stock morse taper(MT)		5		6		6	
Number of stations		8		8		8	
Tool sank		25	1"	32	1"	32	1'
Boring bar		40	1 ½"	50	2"	50	2"
Position Accuracy		0.01		0.01		0.01	
Repeatability		0.01		0.01		0.01	
Fixed Steady capacity		185	7 ¼"	300	11 ¾"	380	15"
Follow Rest capacity		130	5"	290	11 ½"	310	12 ¼"
Main Motor Power (kw)		11		17		22	
Pump Power (kw)		0.37		0.57		0.57	
Discharge (lpm)		25		50		50	
Capacity of coolant tank (lts)		81 / 111		130/180/225/300/350		200/250/300/350	
Overall dimensions (mm)	Length	2590/1140/3111/4624		3360/4630/5530/6630/7630		4325/5325/6325/7325	
	Width	1140		1800		2300	
	Height	2150		2230		2250	
	Weight (Kg)	2300 / 2515 / 3010 / 3700		5460/5760/6460/7560/9060		6400 / 7600 / 8800 / 10000	
Acceptance Accuracy		DIN 8605		DIN 8605		DIN 8605	

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CNC LATHE

ST 285 x 1000





ST 400 x 3000



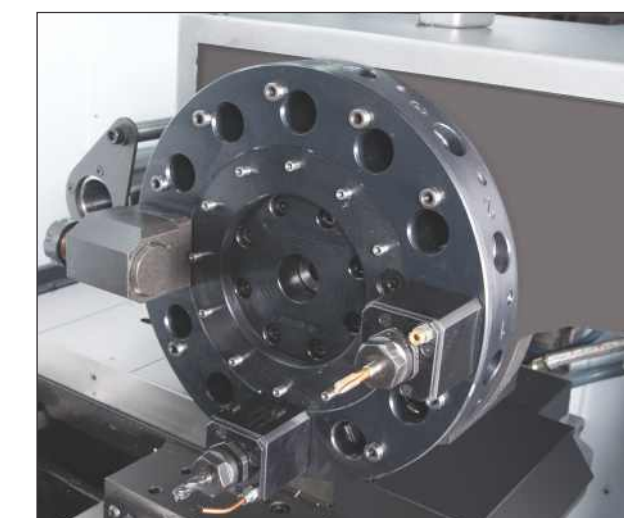
ST 225 x 1500



ST 180 x 750

Description

The new range of ST series CNC lathes are designed to satisfy the most of the customer needs and demands. The machines are manufactured with the best quality components and materials. Our machines are distinguished for its rigidity, accuracy & flexibility for turning all kind of parts which are more simpler to more complex in nature as well as more precise. Due to its ease of use and more flexibility, our machines are adaptable with any accessories like different Chuck Sizes, Live Tool Turret, Larger Spindle Bore, Hydraulic Steady rest and parts collector and also we are ready to offer any kind of customised solutions. We are constantly working towards satisfying our customer needs and provide all kind of best turning solutions.



Live Tool Turret

Standard Accessories

- Automatic 8 stations Turret with 4 tool holders
- SIEMENS 828D
- Dynamic solid and trajectory graphics
- Profile editor
- Electronic handwheel for the X and Z axis
- Servo spindle motor
- Complete enclosure and chip collecting tray
- Coolant equipment
- Automatic lubrication of the slide ways
- Main spindle reducing bush and fixed
- Work light
- Levelling plates
- Instruction manual
- C E Compliant