

MODEL	ST-180		ST-225		ST-285		ST-310		ST-400		ST-500	
Centre distance	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH
CONTROL Fagor 8055i, Fanuc Oi - TF & 828D Basic												
Centre distance	750 / 1000	30" / 40"	1000 / 1500	40" / 60"	1000 / 1500 / 2000 / 3000	40" / 60" / 80" / 120"	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	180	7"	225	9"	285	11"	310	12"	400	16"	500	20"
Swing over bed	360	14"	450	18"	570	22 1/2"	620	24"	805	32"	1010	40"
Swing over carriage	300	12"	370	15"	490	19 1/4"	540	21"	720	28"	935	37"
Swing over cross slide	190	7"	260	10"	360	14"	410	16"	515	20"	718	28"
Cross slide travel	185	7 1/4"	235	9 1/4"	300	11 3/4"	310	12"	400	16"	500	20"
Length of carriage	450	17 3/4"	485	19"	550	21 3/4"	550	21 3/4"	900	35"	980	33"
Length of cross slide	500	19 1/2"	500	19 1/2"	600	23 1/2"	600	23 1/2"	750	29 1/2"	950	37"
Bed width	250	10"	300	12"	350	13 3/4"	350	14"	425	17"	500	20"
Headstock Main spindle bore	42	1 1/2"	65	2 1/2"	80	3"	105	4"	155	6"	230	9"
Main spindle nose / Camlock	A2 - 5		A2 - 6		A2 - 8		A2 - 8	A2 - 11	A2 - 8	A2-11	A2 - 15	A2-11
Main spindle morse taper (MT)	4		4		5		5	5	5	6	5	5
Speed range (RPM)	Range I	0-4000	0 - 3000		0 - 2500		0 - 2500	0-300	0-425	0-300	0-250	0-280
	Range II	-					300-1000	425-1700	300-1000	250-750	280-1400	300-1000
Working feed Z, X (mm/min)	0 - 7500		0 - 7500		0 - 7500		0 - 7500		0 - 7000		0 - 7000	
Rapid traverse Z (m/min)	12		12		12		12		10		10	
Rapid traverse X (m/min)	15		15		15		15		10		10	
Z - axis ball screw Ø	40/10		40/10		40/10		40/10		50/10		50/10	
X - axis ball screw Ø	20/5		20/5		20/5		20/5		32/5		32/5	
Maximum tool Dim.	20 x 20	3/4" x 3/4"	25 x 25	1" x 1"	25 x 25	1" x 1"	25 x 25	1" x 1"	32	1 1/4" x 1 1/4"	32	1 1/4" x 1 1/4"
Boring bar	32	1 1/4"	40	1 1/2"	40	1 1/2"	40	1 1/2"	50	2"	50	2"
Tail stock barrel diameter	58	2 1/4"	68	2 1/2"	95	3 3/4"	95	3 3/4"	106	4 1/4"	120	5"
Tail stock barrel travel	180	7"	200	7 3/4"	220	8 1/2"	220	8 1/2"	215	9"	300	12"
Tail stock morse taper (MT)	4		4		5		5		6		6	
Number of Station	8		8		8		8		8		8	
Position Accuracy	0.01		0.01		0.01		0.01		0.01		0.01	
Repeatability	0.01		0.01		0.01		0.01		0.01		0.01	
Fixed Steady capacity	125	4 3/4"	145	5 1/2"	185	7 1/4"	185	7 1/4"	(10-300) (300-530)	(1/2"-12") (12"-21")	(10-380) (370-730)	(1/2"-15") (14 1/2"-28 3/4")
Follow Rest capacity	90	3 1/2"	95	3 3/4"	130	5"	130	5"	290	11 1/2"	310	12 1/4"
Main Motor Power (kw)	7.5		9		11		11		17		22	
Pump Motor Power (kw)	0.37		0.37		0.37		0.37		0.57		0.57	
Discharge (lpm)	25		25		25		25		50		50	
Capacity of coolant tank (lts)	42 / 55		67 / 92		81 / 111 / 151 / 201		81 / 111 / 151 / 201		130/180/225/300/350		200/250/300/350	
Overall dimensions (mm)	Length	2250 / 2500	2800 / 3300		2800 / 3325 / 3850 / 4750		2800 / 3325 / 3850 / 4750		3360/4630/5530/6630/7630		4325/5325/6325/7325	
	Width	1115	1215		1350 / 1450		1350 / 1450		1800		2300	
	Height	1630	1750		1810 / 1875		1810 / 1875		2230		2250	
	Weight (kg)	1200/1490	1400/1680		2250/2475/2970/3640		2300/2515/3010/3700		5460/5760/6560/7560/9060		6400/7600/8800/10000	
Acceptance Accuracy		DIN 8605		DIN 8605		DIN 8605		DIN 8605		DIN 8605		DIN 8605

Specifications subject to change without notice. Not responsible for typographical error. Machines are shown with optional equipment.



## NEW SERIES ST



**ST 285 x 2000**



### PINACHO

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## CNC LATHE



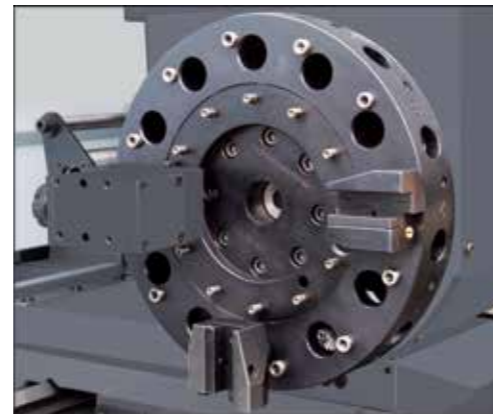
**ST 500 x 3000**

### Description

The new range of ST series CNC lathes are designed to satisfy 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 simpler, complex in nature as well as precise. Due to its ease of use and flexibility, you can adapt our machines with any accesories like different Chuck Size, Live Tool turret, Larger Spindle bore, Hydraulic Steady rest, parts collector and many more. 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.

### Standard Accessories

- Automatic 8 stations Turret with 4 tool holders
- Electronic handwheel for the X and Z axis
- Servo spindle motor
- Enclosure as per CE regulations
- Chip collecting tray
- Coolant equipment
- Automatic lubrication for the slide ways
- Main spindle reducing bush and fixed centre
- Work light
- Levelling plates
- Instruction manual
- C E Compliant



**Live Tool Turret**



**ST 285 x 2000**