

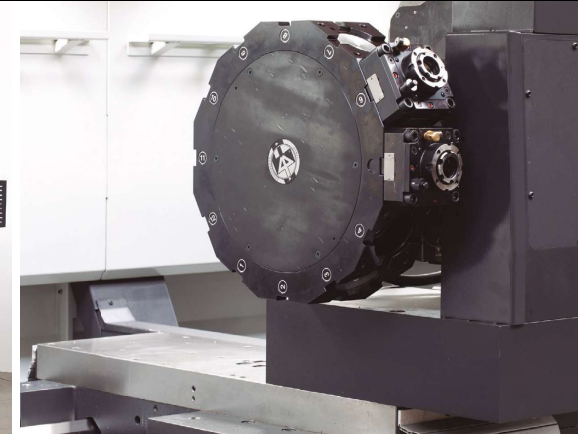
MODELS SH 400 > SH 500

## Large roughing CNC lathes with up to 4 axes.

The SH series of CNC lathes marks a milestone among flatbed numerical control machines. Parallel lathes with up to 4 axes that provide a record versatility within their segment without renouncing the precision and quality of finishes that have made Pinacho a reference in the world of machine tools.

SH parallel lathes have been designed with our most demanding customers in mind, using the highest quality components combined with the most innovative technology, the result of more than 70 years of experience.

Models with up to 4 CNC axes, 1050 mm turning on over bed and 5000 mm between centres.



### STANDARD EQUIPMENT

- Fagor 8055T Control
- Dynamic graphics / trajectory
- Profile Editor
- Screen 11".
- Reducing bush of main shaft and dead centres
- Servomotor
- Gearbox 2 ranges
- 8-position automatic turret with 4 toolholders
- Remote jog unit
- Refrigeration equipment
- Cast iron pedestals
- Precision Levellers
- Work light
- Status signal light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

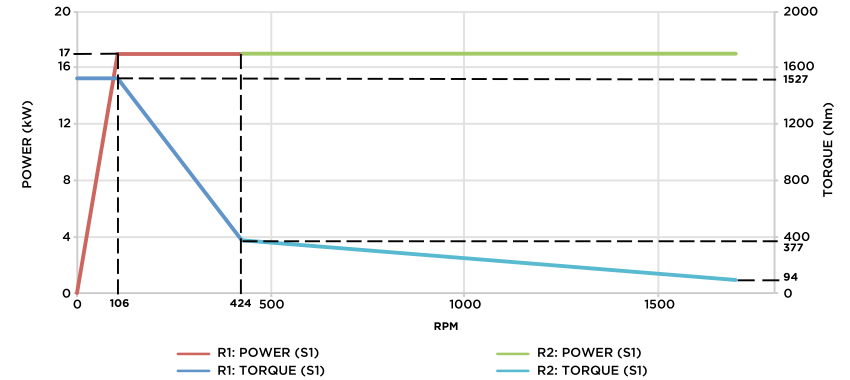
### OPTIONAL EXTRAS

- Fanuc Control Oi-TF, Siemens 828D
- Boring bar up to 310 mm
- C-axis
- Y-axis
- Automatic and live tool 8 or 12 positions VDI or BMT
- Chucks with 3 and 4 jaws
- Hydraulic chuck and tailstock
- Fixed steady rests of various capacities
- Follow Rest
- Hydraulic Steady Rest
- Electric transformer
- Rear chuck
- Support for boring bars
- Live center
- Higher pressure coolant pump
- Chip conveyor
- Anti-vibration kit
- Tool Presetter
- Electric panel cooler



		SH-400					SH-500			
<b>Working capacity</b>										
Center distance	mm / in	1000/ 39 1/2	2000/ 78 3/4	3000/ 118	4000/ 157 1/2	5000/ 197	2000/ 78 3/4	3000/ 118	4000/ 157 1/2	5000/ 197
Bed width	mm / in	425 / 16 3/4					500 / 20			
Centre height	mm / in	400 / 15 3/4					500 / 19 3/4			
Ø max. swing over bed	mm / in	805 / 31 3/4					1010 / 39 3/4			
Ø max. swing over carriage	mm / in	720 / 28 1/4					900 / 35 1/2			
Ø max. over cross slide	mm / in	510 / 20 1/4					710 / 28 1/4			
Cross slide travel	mm / in	400 / 15 3/4					400 / 15 3/4			
Longitudinal carriage travel	mm / in	1000/ 39 1/2	2000/ 78 3/4	3000/ 118	4000/ 157 1/2	5000 / 197	2000/ 78 3/4	3000/ 118	4000/ 157 1/2	5000/ 197
<b>Headstock</b>										
Main motor power	kW	17					22			
Headstock main spindle bore Valid for all centre distances	mm / in	105 / 4	155 / 6	230 / 9		130 / 5	155 / 6	230 / 9	310 / 12 1/4	
Main spindle nose	ASA / CAM-LOCK	A2-8 / D1-8	A2-11 / --	A2-15 / --		A2-11 / --	A2-11 / --	A2-15 / --	A2-20 / --	
Main spindle nose taper	MT	5	5	6		6	5	6	6	
Speed ranges	Range I	r.p.m.	0-424	0-288	0-217		0-260	0-240	0-203	0-149
	Range II		424-1700	288-1000	217-750		260-1400	240-1000	203-750	149-560
<b>X-axis, Z-axis</b>										
Working feeds Z	m/min	0 - 8.5								
Working feeds X	m/min	0 - 6								
Rapid traverse Z	m/min	10								
Rapid traverse X	m/min	7.5								
Z - Ball screw, Ø/pitch	mm	50/10								
X - Ball screw, Ø/pitch	mm	32/5								
<b>Tailstock</b>										
Tailstock barrel Ø	mm / in	106 / 4					120 / 4 1/2			
Tailstock barrel travel	mm / in	215 / 8 1/4					300 / 11 3/4			
Tailstock Morse taper	MT	6								
<b>Turret</b>										
Stations of standard turret		8								
Tool shank	mm	32x32								
Ø Boring bar	mm	50								
<b>Dimensions and Weight</b>										
Length	mm	3610	4610	5610	6610	7610	4610	5610	6610	7610
Width	mm	2170					2190			
Height	mm	2090					2315			
Weight	kg	5460	5760	6460	7560	9060	6400	7600	8800	10000
<b>Options</b>										
Fixed steady rest Ø	mm	90 - 300					10 - 380			
Large capacity fixed steady rest Ø	mm	300 - 530					370 - 730			
Follow rest Ø	mm	70 - 290					35 - 310			
<b>Dimensions and weight with packaging</b>										
Length (with transport cradle)	mm	4150	5150	6150	7150	8150	5150	6150	7150	8150
Width	mm	2270					2290			
Height	mm	2290					2515			
Weight	kg	5810	6160	7110	8060	9610	6800	8050	9300	10550

## SH-400/105 > FAGOR



## SH-500/130 > FAGOR

