



THE MOST COMPLETE, VERSATILE
AND RELIABLE RANGE OF LATHES
ON THE MARKET.

WE ARE MANUFACTURERS.



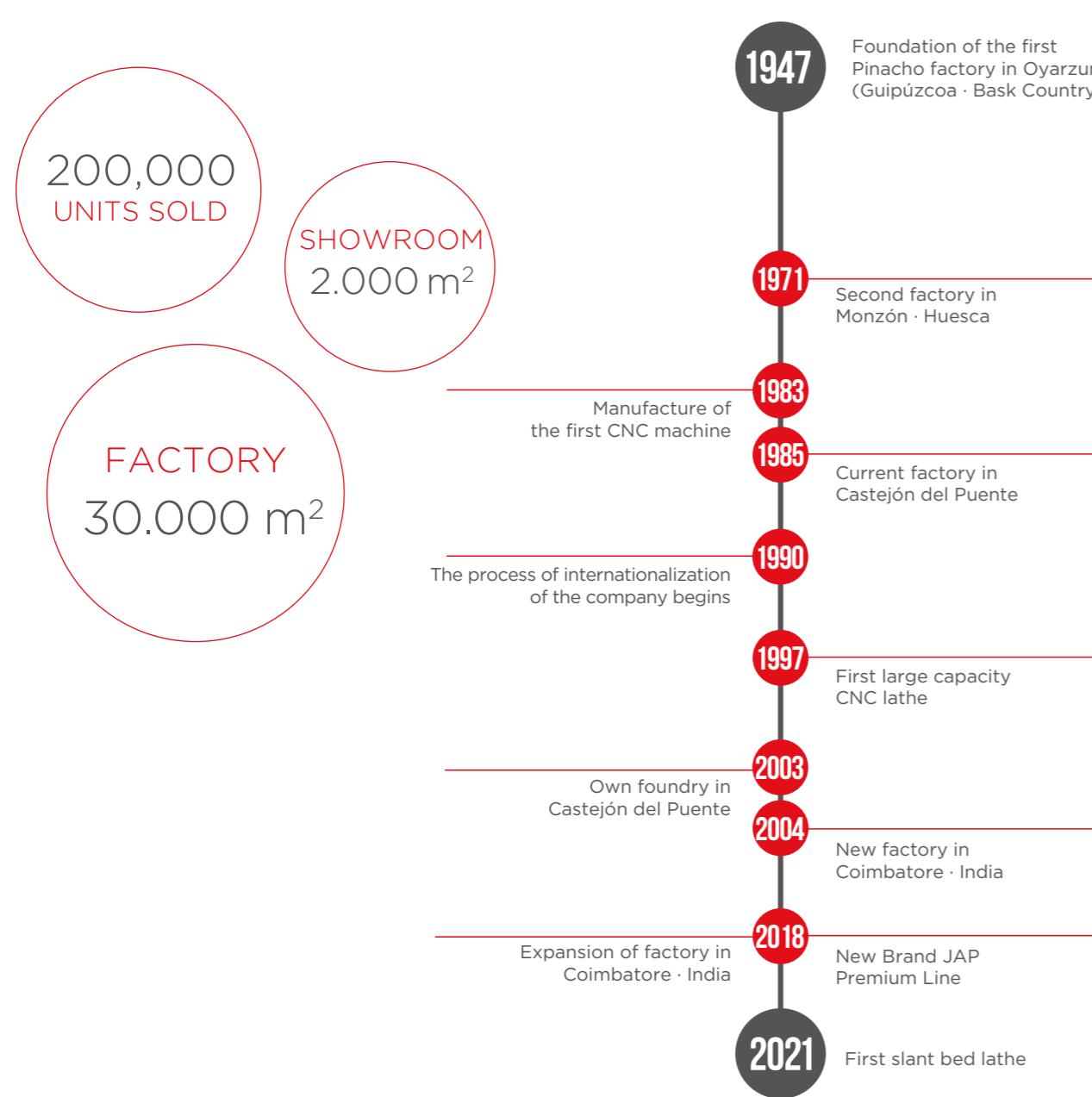
The history of a benchmark brand in the manufacture of high-tech lathes.

For more than 70 years, the Pinacho brand has been recognized worldwide for its technologically innovative characteristics and for the precision and versatility of all its models.

Our objective as manufacturers is to unify the power and reliability of all our products; that is why we manufacture and design conventional parallel lathes and high precision CNC lathes. Our flatbed models are widely recognized worldwide and used in a multitude of industrial applications.

Pinacho lathes offer cost-effective solutions to simple and complex turned components for many industrial and engineering projects.

The Pinacho range is our solution to satisfy the demands of our customers worldwide.



Manufacturers
of lathes for 70 years.

A reference brand in the sector

Pinacho was a pioneer in the machine tool sector worldwide. The company was founded in 1946 in Oyarzun and from the beginning became an example of design and efficiency shown in the results obtained by its customers, who quickly saw the importance of this type of product in its contribution toward the profitability of their companies and in the work in which they were involved.)

Our main objective is to achieve the complete satisfaction of each Client; for this reason our efforts are centred in offering a range of products of high quality, good specification and at a competitive price. More than 200,000 lathes have been sold in more than 80 countries as an endorsement of our unwavering commitment to quality.

70
YEARS





Experience the reliability of a brand with worldwide recognition and long history.

Since our foundation every step has been taken in pursuit of industrial excellence: we are manufacturers and control all design, production and assembly processes.

Our main offices and the central factory are located in Spain.

We have a showroom so that customers can learn about the wide range of CNC and conventional lathes offered by Pinacho. The factory in Spain has more than 20.000m² of facilities to satisfy customer requirements without delivery problems and with the maximum quality guarantees the great demand for our products worldwide.

► ML

New range of manual lathes with variable speed headstock.

> ML 200 > ML 250 > ML 325



► SE

User-friendly and intuitive CNC lathes.

> SE 200 > SE 250 > SE 325



► ST

CNC lathes with a high-precision flatbed.

> ST 180 > ST 225 > ST 285 > ST 310



► SH

Large capacity CNC lathes with up to 4 controlled axes.

> SH 400 > SH 500



► SL

CNC Slant bed lathe.

> SL 250X500 > SL 250X500 M
 > SL 275X530 > SL 305X470 M
 > SL 275X1200 > SL 275X1200 M





MODELS ML 200 > ML 250 > ML 325

New range of manual lathes with variable speed head.

The new range of ML lathes, equipped with an electronic speed variator, allows the necessary cutting speed to be selected at all times, achieving better surface finishes, optimising tool consumption and improving machining performance.

The new ML models stand out for their precision and useful life, being versatile machines for both maintenance and production work.

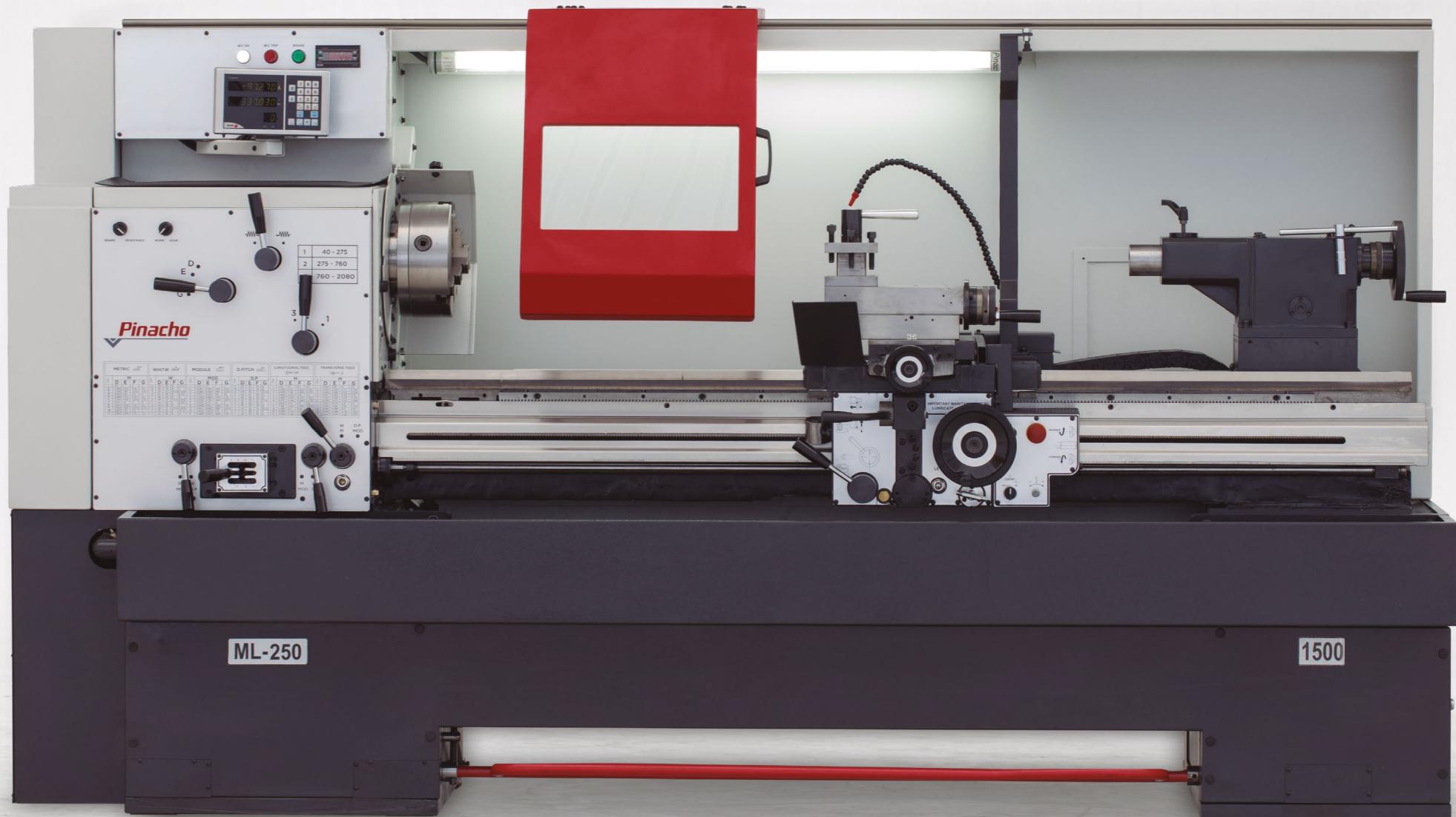


STANDARD EQUIPMENT

- Headstock with variable speed 3 ranges
- Reducing bush of main shaft and fixed point
- Dead center for tailstock
- 4-position toolpost
- Stop brake
- Micro switch chuck protection
- Emergency stop button
- Manual central lubrication
- Refrigeration equipment
- Rear and chuck anti-projection guard
- Sliding front guard
- Rigid protection of the standard spindle
- Cast iron pedestals
- Levelling washers
- Working light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

- Chucks with 3 and 4 jaws
- Rear chuck
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Quick-change toolpost
- Multifix quick-change toolpost
- Digital Read Out
- Live center
- Cone Copier
- Stopper
- Anti-vibration kit
- Micrometer carriage stop
- Electric transformer
- Rapid movements





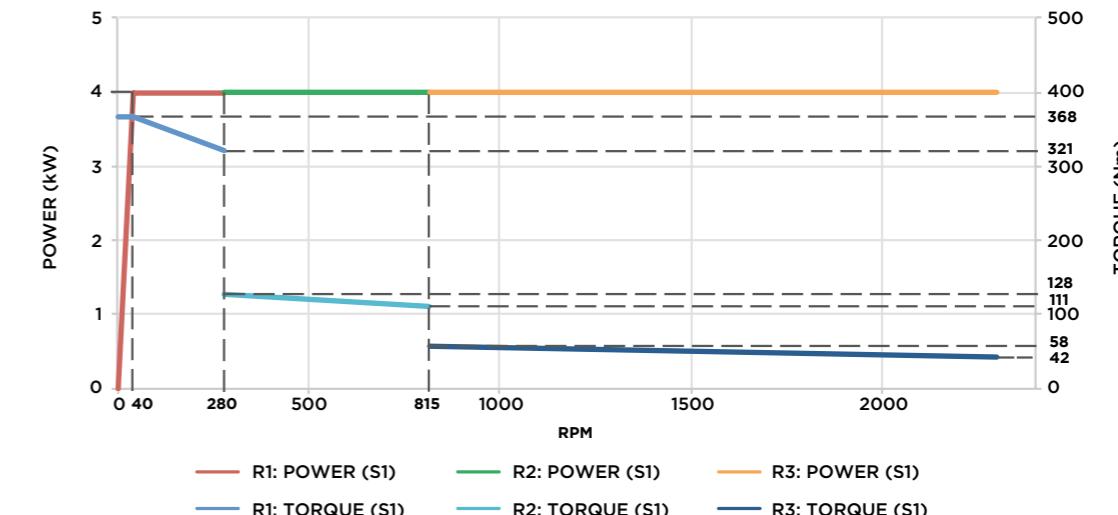
TECHNICAL DATA SHEET TORQUE AND POWER CURVES

	ML-200	ML-250	ML-325	
Working capacity				
Center distance	mm / in	750/30 1000/40	1000/40 1500/60	1000/40 1500/60 2000/80 3000/120
Bed width	mm / in	250 / 10	300 / 12	350 / 14
Centre height	mm / in	200 / 8	250 / 10	325 / 13
Ø max. swing over bed	mm / in	400 / 16	500 / 20	650 / 26
Ø max swing over gap	mm / in	525 / 20	700 / 27 1/2	785 / 30
Gap length from face plate	mm / in	120 / 5	160 / 6	220 / 9
Ø max. swing over carriage	mm / in	370 / 15	450 / 18 3/4	595 / 23
Ø max. swing over cross slide	mm / in	245 / 9 1/2	310 / 12	450 / 22
Cross slide travel	mm / in	230 / 9	240 / 9 3/4	335 / 13
Tool post slide travel (saddle)	mm / in	95 / 3 1/4	125 / 5	150 / 5 1/2
Longitudinal carriage travel	mm / in	605/23 870/34	1000/39 1440/56	1035/40 1435/56 1960/77 2860/112
Dimensions of tool handle	mm	20x20	25x25	25x25

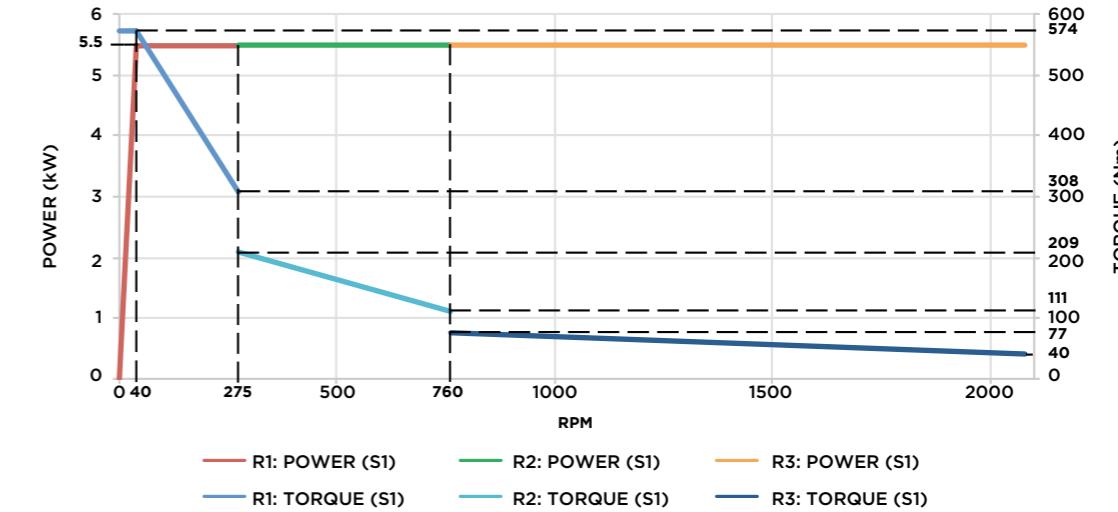
Headstock			
Main motor power	kW	4	5.5
Headstock main spindle bore	mm / in	42 / 1 1/2	58 2 1/4 105/4
Main spindle nose	ASA / CAM-LOCK	A2-5 / D1-5	A2-6 / D1-6 A2-8 / D1-8
Valid for all distances between centres			A2-8 / D1-8
Main spindle nose taper	MT	4	6 5
	Range I	r.p.m.	40 - 280
Speed ranges	Range II	r.p.m.	280 - 815
	Range III	r.p.m.	815 - 2300
			760 - 2080 465 - 1250
X-axis, Z-axis			
Threads and feeds		44	55
Longitudinal feeds	mm / rev	0.05 - 0.752	0.05 - 1.5
Cross feeds	mm / rev	0.025 - 0.376	0.025 - 0.752
Metric threads	mm	0.5 - 7.5	0.5 - 15
Whitworth threads		60 - 4	60 - 2
Modular threads	mm	0.25 - 3.75	0.25 - 7.5
Pitch diametral threads		120 - 8	120 - 4
Lead screw rod pitch Ø35	mm / in	6 / 1 1/4	6 / 1 1/4 6 / 1 1/4
Tailstock			
Tailstock barrel Ø	mm / in	58 / 2 1/4	68 / 2 1/2
Tailstock barrel travel	mm / in	180 / 7	200 / 7 3/4
Tailstock Morse taper	MT	4	4 5

Dimensions and Weight			
Length	mm	2120 2360	2620 3040
Width	mm	950	1000
Height	mm	1580	1650 1770
Weight	kg	1250 1320	1845 2035 2160 2400 2650 3170
Options			
Fixed steady rest Ø	mm	10 - 125	10 - 140
Large capacity fixed steady rest Ø	mm	110 - 200	140 - 300
Follow rest Ø	mm	10 - 80	10 - 90
Dimensions and weight with packaging			
Length	mm	2320 2560	2820 3240
Width	mm	1050	1100
Height	mm	1780	1850
Weight	kg	1550 1620	2145 2335 2560 2800 3050 3570

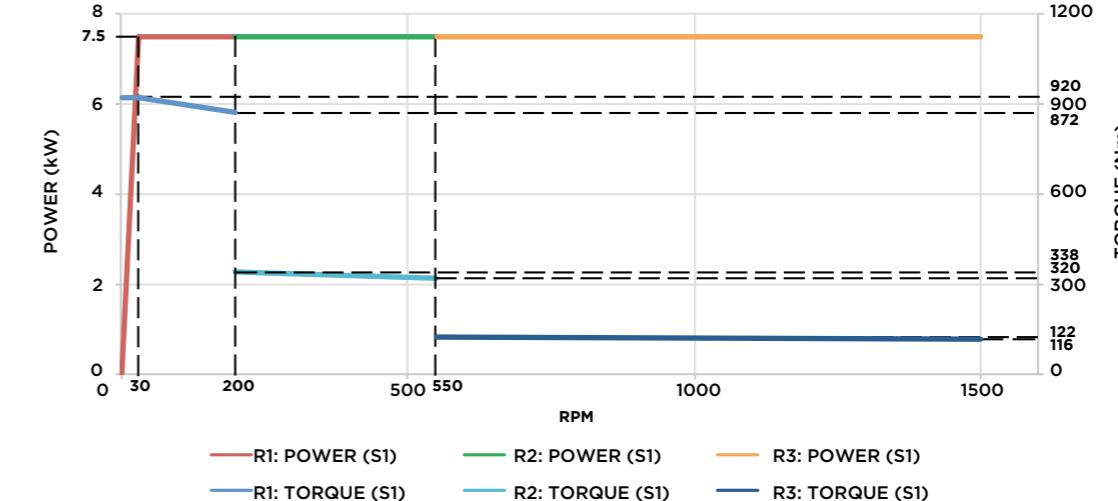
ML-200/42



ML-250/58



ML-325/80





MODELS SE 200 > SE 250 > SE 325

User-friendly & intuitive CNC lathes.

The SE series combines the working capacity of the conventional lathe with the advantages of the CNC. The SE machines are easy to use, ideal for the realization of short series, prototyping or educational centers, thanks to Siemens or Fagor controls that allow programming in both ISO and conversational language.

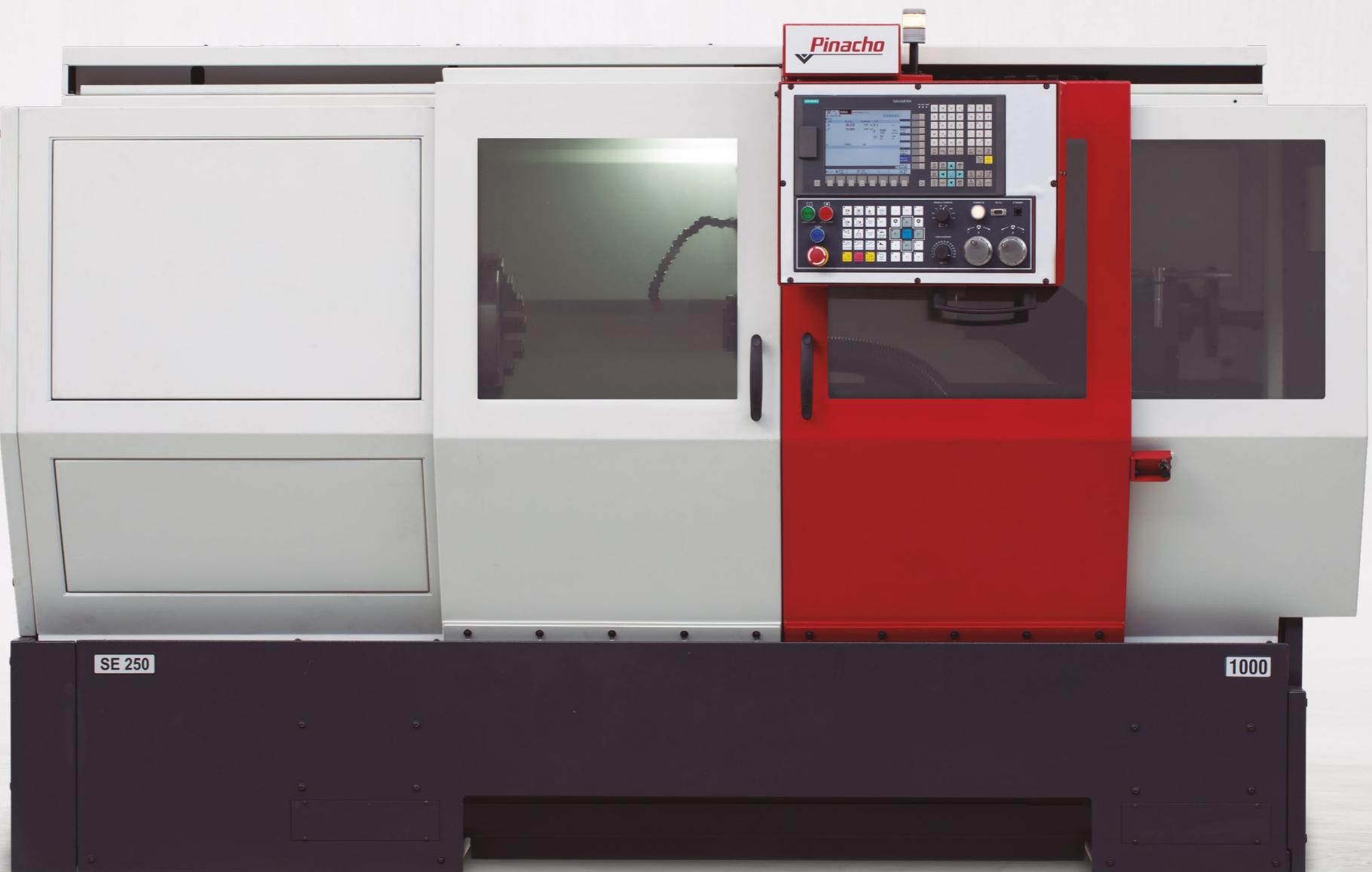
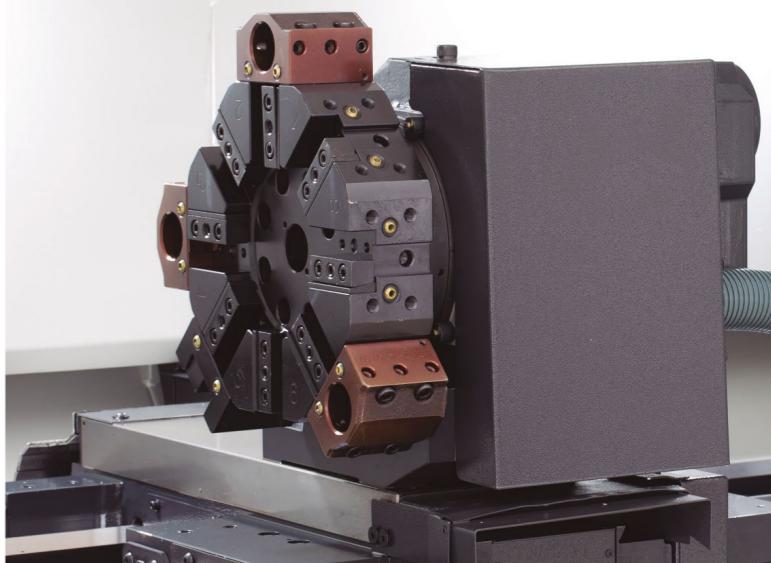
The CNC lathes of the SE series are precise, robust, and are also characterized by their high cutting capacity thanks to the head with electronic speed variator and the high torque supplied by the gearbox with three speed ranges.

STANDARD EQUIPMENT

- Siemens 808D Control
- Linear and solid Path Graphs
- Electronic handwheel for X and Z axes
- Headstock with electronic speed variator 3 ranges
- Reducing bush of main shaft and dead center
- Dead center for tailstock
- Manual quick-change toolpost
- Automatic guide lubrication system
- Refrigeration equipment
- Complete guarding enclosure
- Cast iron pedestals
- Precision Levellers
- Working light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

- Control Fagor 8037T or Fagor 8055T
- Chucks with 3 and 4 jaws
- Rear chuck
- Hydraulic power chuck
- Hydraulic collect chuck
- Hydraulic tailstock
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Multifix quick-change toolpost
- 4 and 8 position automatic turret
- Live center
- Chip conveyor
- Electric transformer
- Higher pressure cooling system*
- Electric panel refrigeration
- Anti-vibration kit
- Remote jog unit*
- Tool Presetter

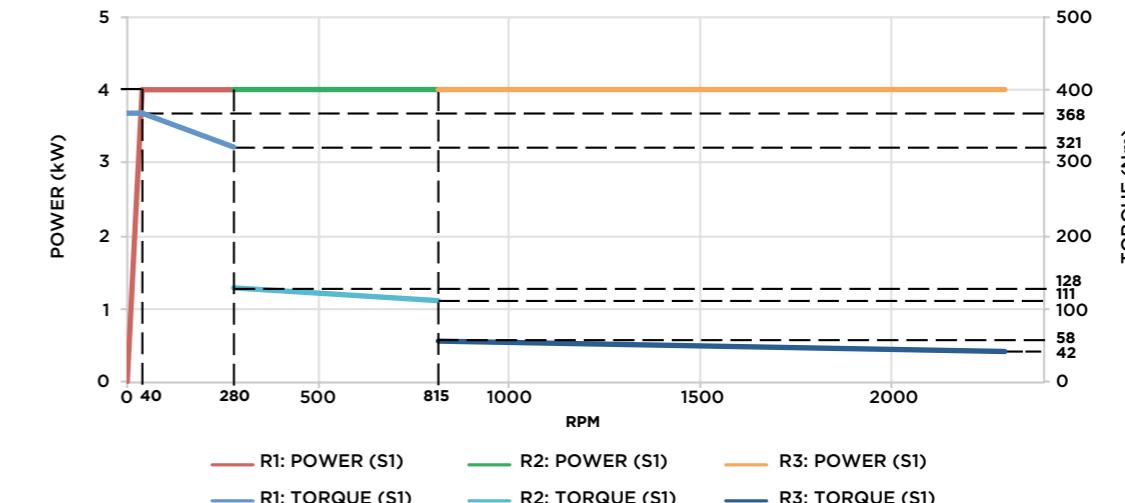




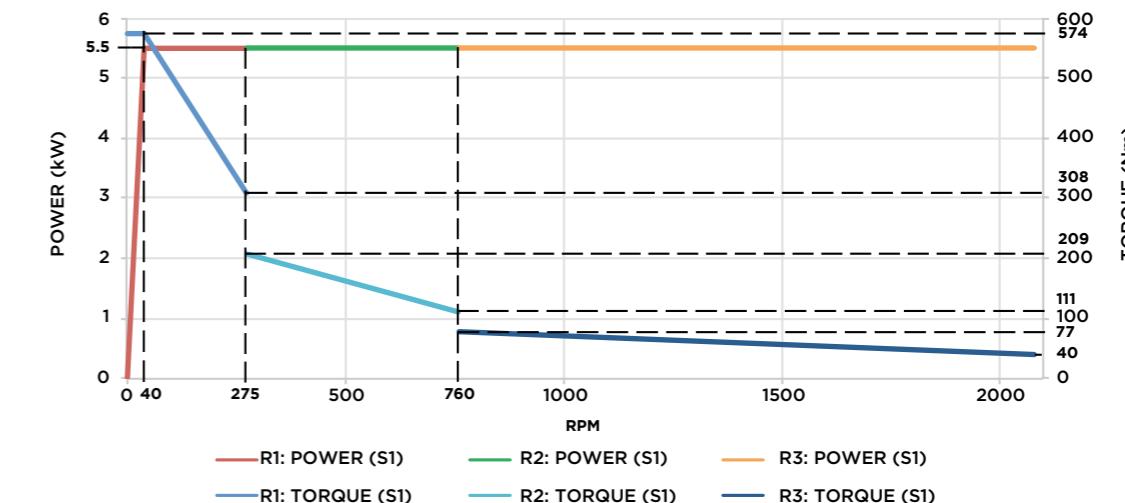
TECHNICAL DATA SHEET TORQUE AND POWER CURVES

	SE-200	SE-250	SE-325		
Working capacity					
Center distance	mm / in	750 / 30 1000 / 40	1000 / 40 1500 / 60	1000 / 40 1500 / 60 2000 / 80 3000 / 120	
Bed width	mm / in	250 / 10	300 / 12	350 / 14	
Centre height	mm / in	200 / 8	250 / 10	325 / 13	
Ø max. swing over bed	mm / in	400 / 16	500 / 20	650 / 26	
Ø max. swing over carriage	mm / in	380 / 15	450 / 17 1/2	590 / 23	
Ø max. over cross slide	mm / in	235 / 9	300 / 11 3/4	440 / 22	
Cross slide travel	mm / in	160 / 6 1/4	245 / 9 1/2	300 / 11 3/4	
Longitudinal carriage travel	mm / in	600 / 23 1/2 840 / 33	930 / 36 1/2 1450 / 57	850 / 33 1450 / 53 1850 / 72 1/2 2850 / 112	
Headstock					
Main motor power	kW	4	5.5	7.5	
Headstock main spindle bore Valid for all centre distances	mm / in	42 / 1 1/2	58 / 2 1/4 105 / 4	80 / 3 105 / 4 155 / 6	
Main spindle nose	ASA / CAM-LOCK	A2-5 / 5	A2-6 / 6 A2-8 / 8	A2-8 / 8 A2-11	
Main spindle nose taper	MT	4	6	5	
Range I	r.p.m.	40 - 280	40 - 275	85 - 200	
Speed ranges	Range II	r.p.m.	280 - 815	275 - 760 200 - 465	200 - 550 200 - 465 120 - 290
Range III	r.p.m.	815 - 2300	760 - 2080 465 - 1250	550 - 1500 465 - 1250	290 - 800
X-axis, Z-axis					
Working feeds Z	Siemens	m/min	0 - 7		
	Fagor	m/min	0 - 10		
Working feeds X	Siemens	m/min	0 - 8.5		
	Fagor	m/min	0 - 12		
Rapid traverse Z	Siemens	m/min	9		
	Fagor	m/min	12.5		
Rapid traverse X	Siemens	m/min	10		
	Fagor	m/min	15		
Z - Ball screw, Ø/pitch	mm		40/10		
X - Ball screw, Ø/pitch	mm		20/5		
Tailstock					
Tailstock barrel Ø	mm / in	58 / 2 1/4	68 / 2 1/2	95 / 3 3/4	
Tailstock barrel travel	mm / in	180 / 7	200 / 7 3/4	220 / 8 1/2	
Tailstock Morse taper	MT	4	4	5	
Turret					
Manual turret					
Tool shank	mm	25x25		32x32	
Ø Boring bar	mm	20		25	
Dimensions and Weight					
Length	mm	2250 2520	2810 3350	2810 3325 3940 4750	
Width	mm	1170	1270	1380	
Height	mm	1730	1890	1910	
Weight	kg	1050 1300	1620 1780	1850 2200 2600 3200	
Options					
Fixed steady rest Ø	mm	10 - 125	10 - 140	10 - 180	
Large capacity fixed steady rest Ø	mm	110 - 200	140 - 300	180 - 400	
Follow rest Ø	mm	10 - 80	10 - 90	10 - 140	
Dimensions and weight with packaging					
Length	mm	2450 2720	3010 3550	3010 3525 4140 4950	
Width	mm	1270	1370	1480	
Height	mm	1930	2090	2110	
Weight	kg	1350 1600	1920 2080	2250 2600 3000 3600	

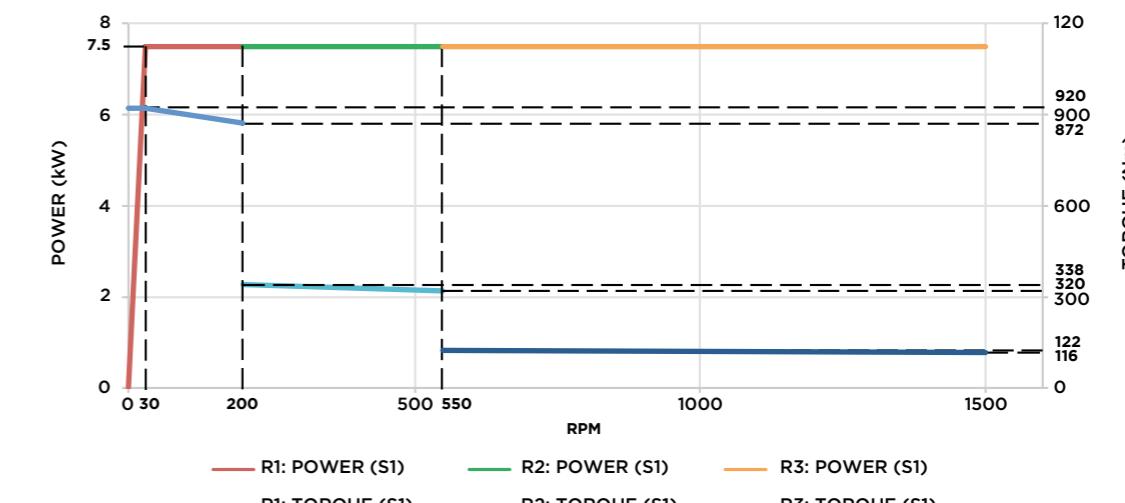
SE-200/42



SE-250/58



SE-325/80





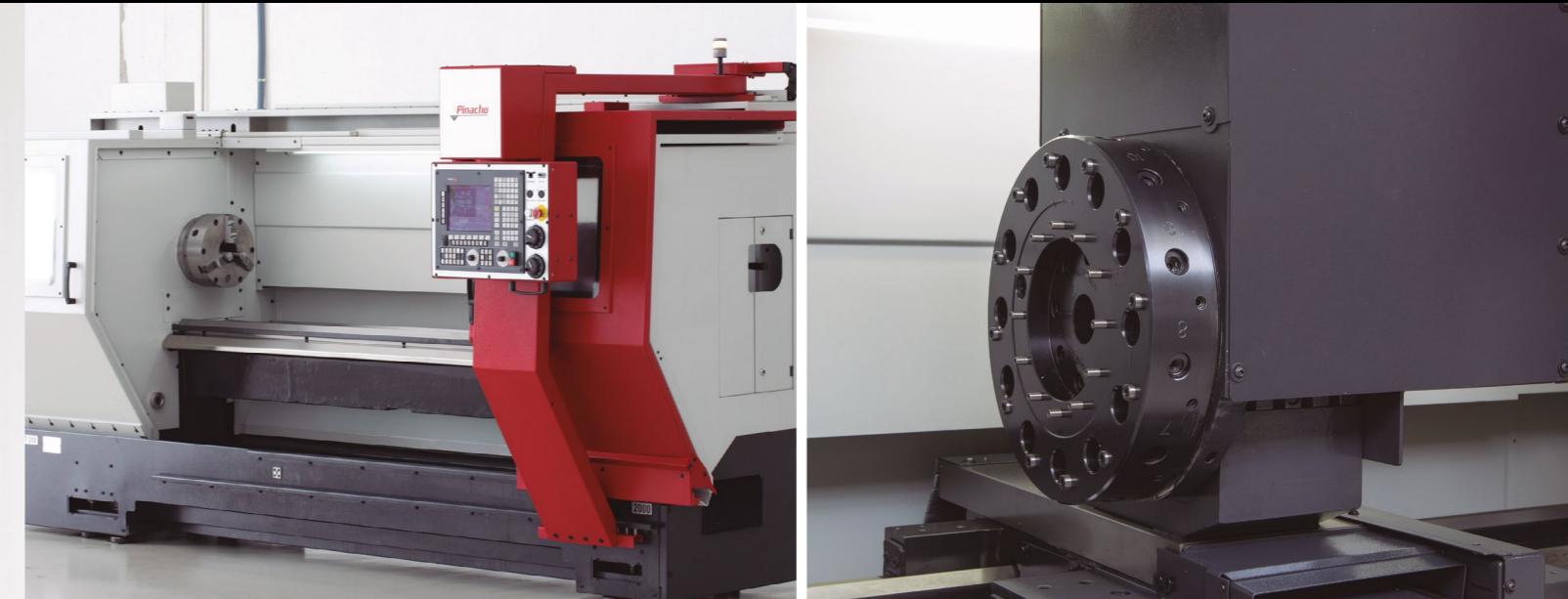
MODELS ST 180 > ST 225 > ST 285 > ST 310

High precision flatbed CNC lathes.

The ST is Pinacho's most sophisticated numerical control lathe, with great rigidity and working precision. Developed with components of the highest quality and manufactured under strict and demanding control standards. ST parallel lathes incorporate the most advanced technology developed from experience provided by more than 70 years of history.

Our CNC flatbed lathes are silent, easy to use machines, with a headstock composed of a servo-motor and direct transmission to the main axis, providing a high speed of rotation and an excellent quality surface finish on the component.

The Pinacho ST are lathes with up to 3 axes that provide an extraordinary versatility in the world of machine tools.

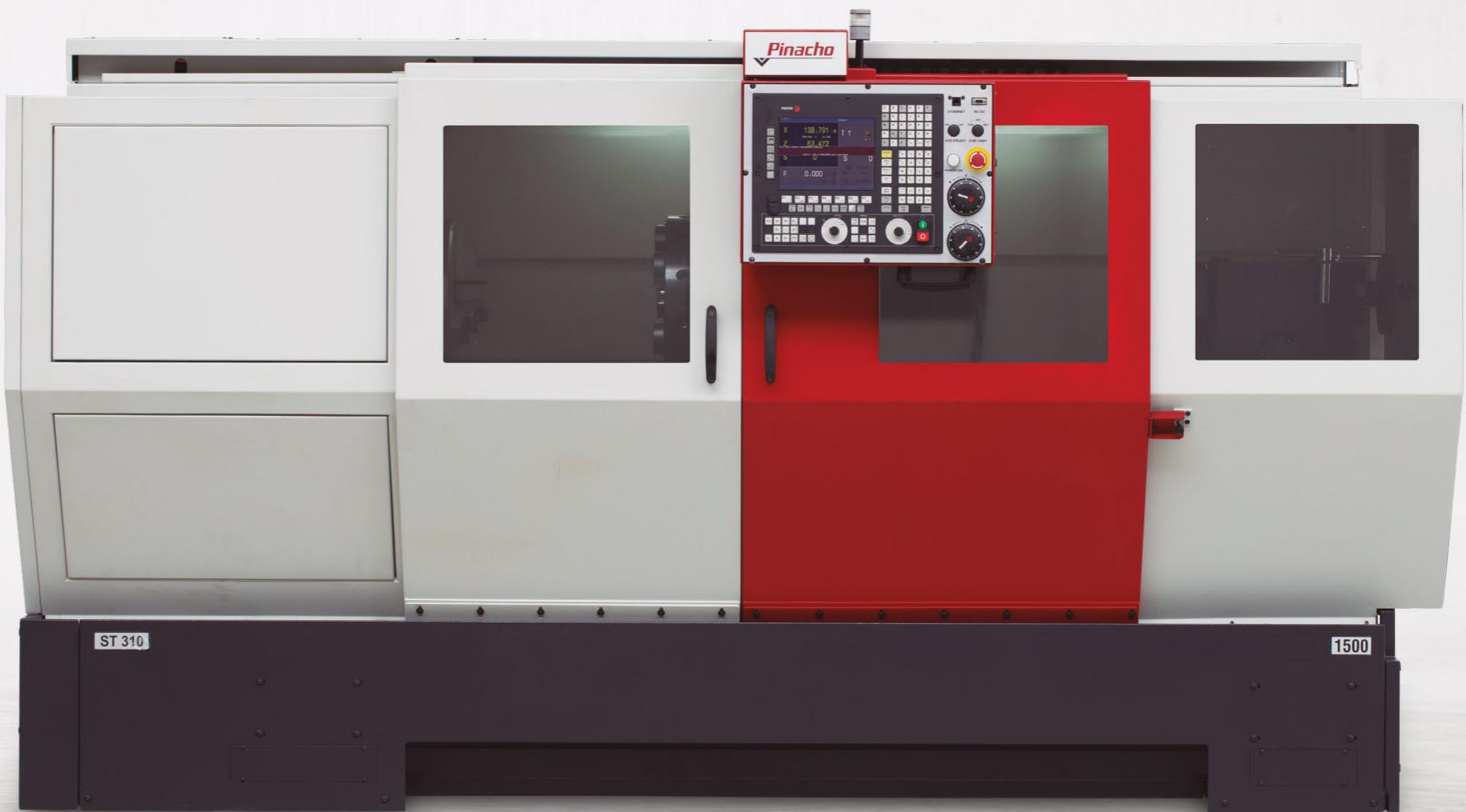


STANDARD EQUIPMENT

- Fanuc Oi-TF Control
- Dynamic graphics / trajectory
- Profile Editor
- Electronic handwheel for X and Z axes
- Direct drive headstock with servomotor
- Reducing bush of main shaft and dead centers
- 8-position automatic turret with 4 toolholders
- Automatic lubrication of the guideways
- Refrigeration equipment
- Cast iron pedestals
- Precision Levellers
- Work light
- Instruction manual
- Verification standard DIN 8605
- CE Standard

OPTIONAL EXTRAS

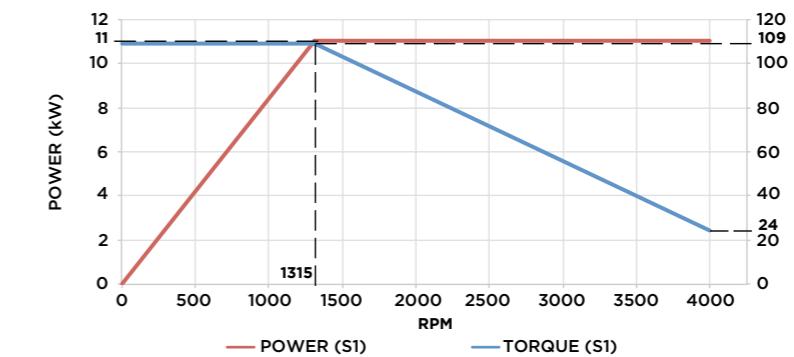
- Control Fagor 8055T, Siemens 828D
- Chucks with 3 and 4 jaws
- Rear chuck
- Hydraulic power chuck
- Hydraulic collect chuck
- Hydraulic tailstock
- Fixed Steady Rest
- Large capacity fixed steady rest
- Follow Rest
- Livetool 12 positions
- Live center
- Chip conveyor
- Electric transformer
- Higher pressure cooling system
- Electric panel refrigeration
- Anti-vibration kit
- Remote jog unit
- Tool Presetter
- Bar feeder



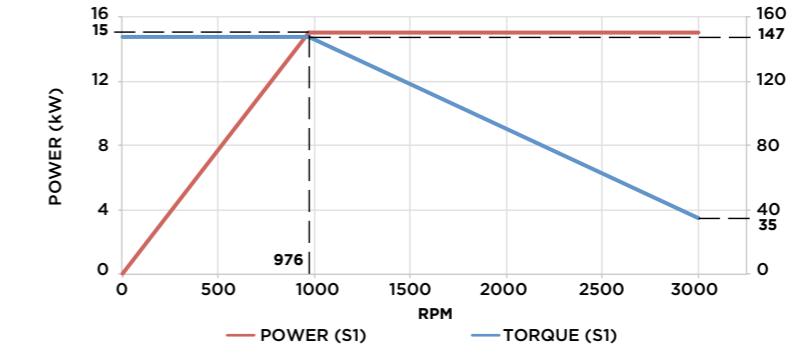
TECHNICAL DATA SHEET TORQUE AND POWER CURVES

	ST-180	ST-225	ST-285	ST-310
Working capacity				
Center distance	mm/in 750 / 30	1000 / 40	1000 / 40 1500 / 60	1000 / 40 1500 / 60 2000 / 80 3000 / 120
Bed width	mm/in 250 / 10	300 / 12	350 / 14	350 / 14
Centre height	mm/in 180 / 7	225 / 9	285 / 11	310 / 12
Ø max. swing over bed	mm/in 360 / 14	450 / 18	570 / 22 1/2	620 / 24
Ø max. swing over carriage	mm/in 300 / 12	370 / 15	510 / 20	550 / 21 1/2
Ø max. over cross slide	mm/in 190 / 7	260 / 10	360 / 14	410 / 16
Cross slide travel	mm/in 185 / 7 1/4	235 / 9 1/4	260 / 10	310 / 12
Longitudinal carriage travel	mm/in 600 / 23 1/2 840 / 33	930 / 36 1/2 1450 / 57	850 / 33 1450 / 53 1850 / 72 1/2 2850 / 112	850 / 33 1450 / 53 1850 / 72 1/2 2850 / 112
Headstock				
Main motor power	Fagor kW 7.5	15	17	17
	Fanuc kW 11	15	15	15
	Siemens kW 7	9	11	11
Headstock main spindle bore	mm/in 42 / 1 1/2	65 / 2 1/2	80 / 3	105 / 4 155 / 6
Valid for all centre distances				
Main spindle nose	ASA / CAM-LOCK	A2 - 5 / D1 - 5	A2 - 6 / D1 - 6	A2 - 8 / D1 - 8
Main spindle nose taper	MT	4	4	5
Speed ranges	r.p.m.	0-4000	0-3000	0-2500
X-axis, Z-axis				
Working feeds Z	Fagor m/min 0 - 10	0 - 10	0 - 10	0 - 10
	Fanuc m/min 0 - 10	0 - 10	0 - 10	0 - 10
	Siemens m/min 0 - 7	0 - 7	0 - 7	0 - 7
Working feeds X	Fagor m/min 0 - 12	0 - 12	0 - 12	0 - 12
	Fanuc m/min 0 - 12	0 - 12	0 - 12	0 - 12
	Siemens m/min 0 - 12	0 - 12	0 - 12	0 - 12
Rapid traverse Z	Fagor m/min 12.5	12.5	12.5	12.5
	Fanuc m/min 12.5	12.5	12.5	12.5
	Siemens m/min 9	9	9	9
Rapid traverse X	Fagor m/min 15	15	15	15
	Fanuc m/min 15	15	15	15
	Siemens m/min 15	15	15	15
Z - Ball screw, Ø/pitch	mm		40 / 10	
X - Ball screw, Ø/pitch	mm		20 / 5	
Tailstock				
Tailstock barrel Ø	mm/in 58 / 2 1/4	68 / 2 1/2	95 / 3 3/4	95 / 3 3/4
Tailstock barrel travel	mm/in 180 / 7	200 / 7 3/4	220 / 8 1/2	220 / 8 1/2
Tailstock Morse taper	MT	4	4	5
Turret				
Stations of standard turret	mm	8		8
Tool shank	mm	20x20		25x25
Ø Boring bar	mm	32		40
Dimensions and Weight				
Length	mm 2250 2520	2810 3325	2810 3320	3940 4750
Width	mm 1170	1270	1370	1450
Height	mm 1820	1890	1930	2110
Weight	kg 1200 1490	2230 2340	2250 2475	2970 3640
Options				
Fixed steady rest Ø	mm 10 - 125	10 - 140	10 - 180	10 - 180
Large capacity fixed steady rest Ø	mm 110 - 200	140 - 250	180 - 350	180 - 400
Follow rest Ø	mm 10 - 80	10 - 90	10 - 130	10 - 130
Dimensions and weight with packaging				
Length	mm 2450 2720	3010 3525	3010 3520	4140 4950
Width	mm 1270	1370	1470	1550
Height	mm 2020	2090	2130	2130
Weight	kg 1500 1790	2530 2640	2650 2875	3370 3940
				2700 2915
				3410 4100

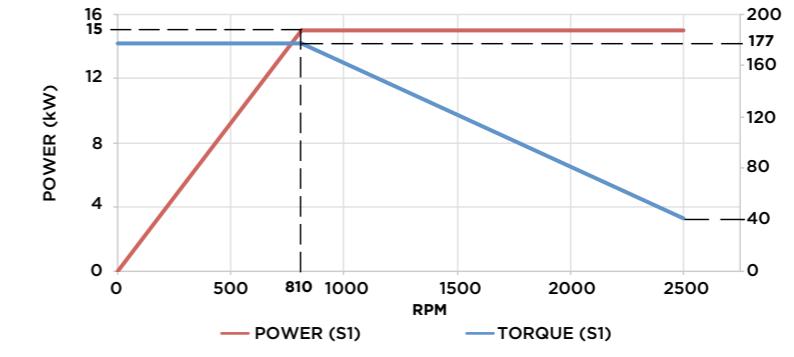
ST-180/42 > FANUC



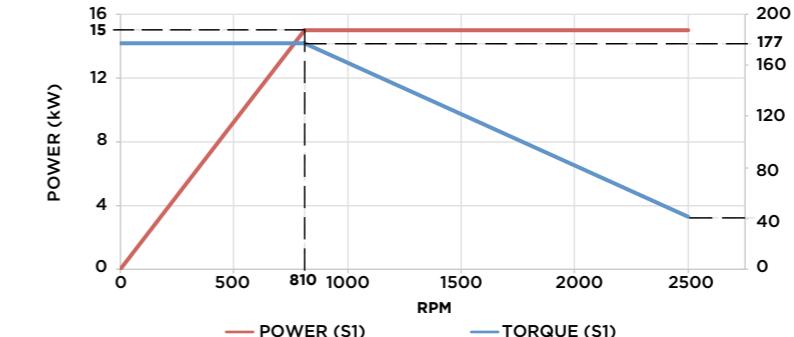
ST-225/65 > FANUC



ST-285/80 > FANUC



ST-310/105 > FANUC





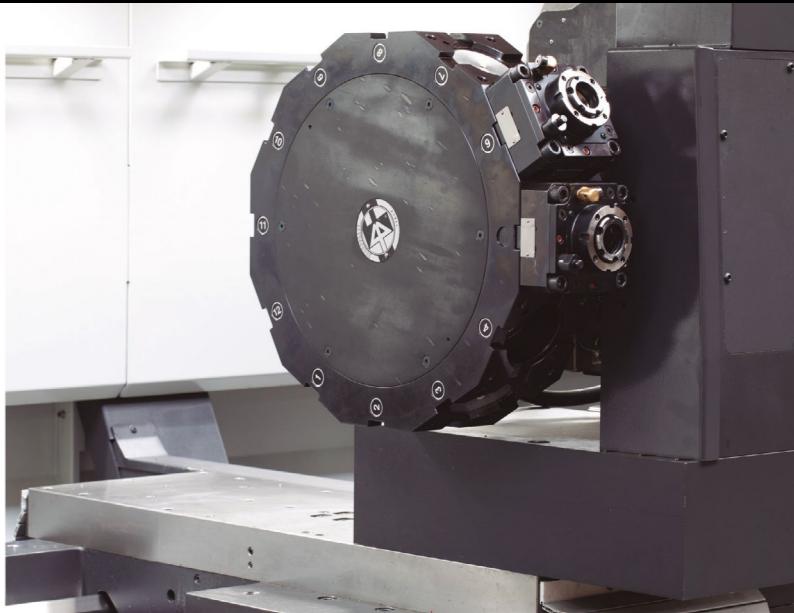
MODELS SH 400 > SH 500

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

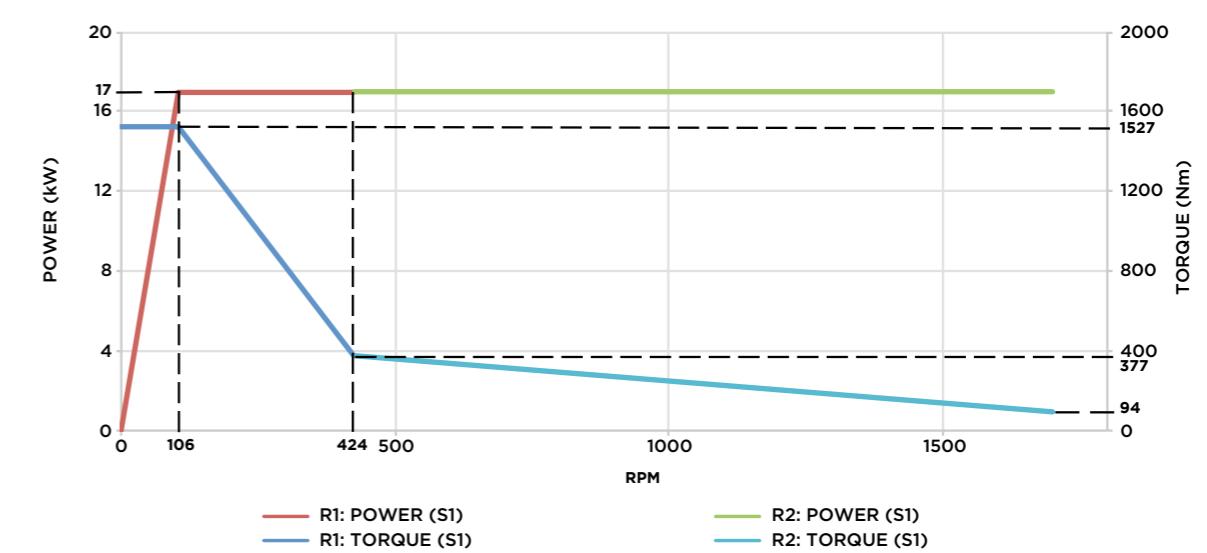




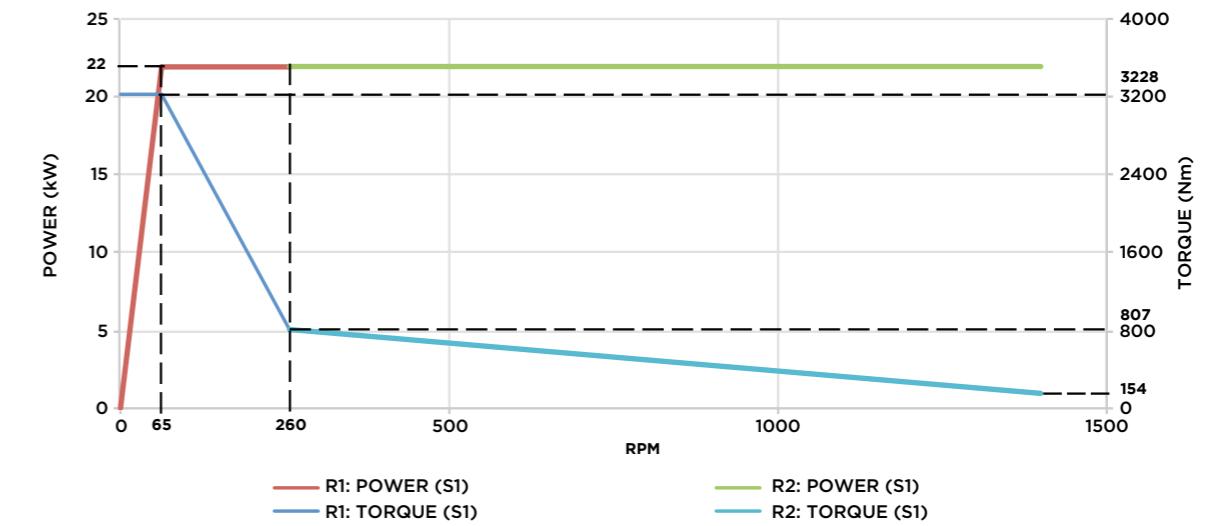
TECHNICAL DATA SHEET TORQUE AND POWER CURVES

	SH-400					SH-500				
Working capacity										
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
Headstock										
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 / --
Main spindle nose taper	MT	5		5		6		6	5	6
Speed ranges	Range I	0-424		0-288		0-217		0-260	0-240	0-203
	Range II	424-1700		288-1000		217-750		260-1400	240-1000	203-750
										0-149
X-axis, Z-axis										
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						
Tailstock										
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					
Turret										
Stations of standard turret				8						
Tool shank	mm			32x32						
Ø Boring bar	mm			50						
Dimensions and Weight										
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
Options										
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				
Dimensions and weight with packaging										
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

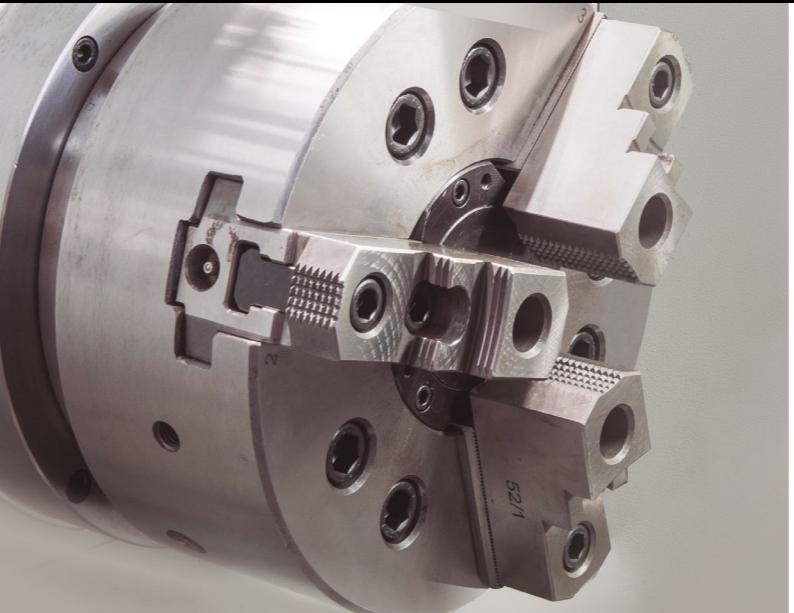




MODELS: > SL 250X500 > SL 250X500 M > SL 275X530
> SL 305X470 M > SL 275X1200 > SL 275X1200 M

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

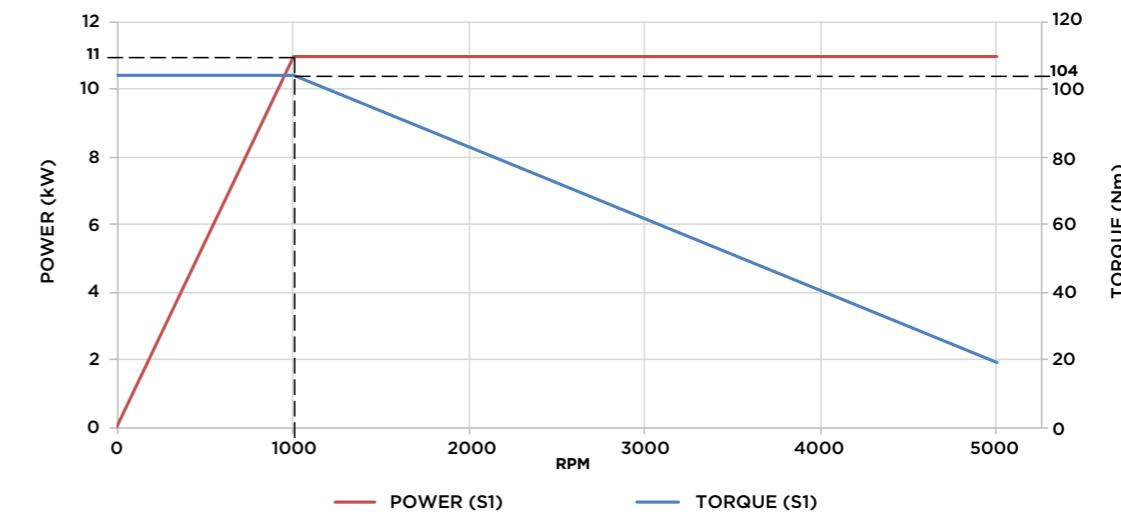
- Fanuc Control Oi-TF Plus, Siemens 828D
- Main spindle with Ø 74 and 86 bore
- C-axis
- Automatic live tool turret with 12 or 16 positions VDI or BMT
- Hydraulic chuck with larger bar pitch
- Hydraulic Steady Rest
- Electric transformer
- Live Center
- Chip conveyor
- Tool Presetter
- Electric panel cooler
- Anti-vibration kit
- Auto parts catcher
- Bar feeder



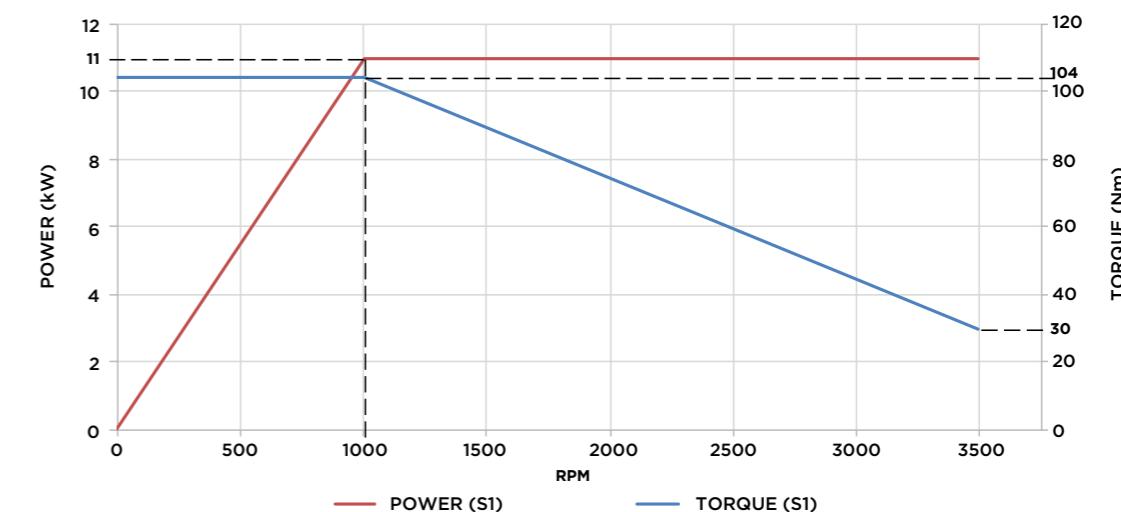
TECHNICAL DATA SHEET TORQUE AND POWER CURVES

	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
Ø max. swing over carriage	mm / in	225	210	275	350	280
Ø max. turned die	mm / in	320	272	320	426	350
Max. turning length	mm / in	500	500	530	470	1200
Longitudinal carriage travel	mm / in	500	500	530	500	1220
Cross slide travel	mm / in	165	193	275	218	184
Headstock						
Main motor power	FAGOR (S6/S1)	kW	15/11	15/11	15/11	15/11
	FANUC (S3/S1)	kW	11/7.5	11/9	15/11	11/9
	SIEMENS (S6/S1)	kW	10.2/9	14.4/12	13.2/11	14.4/12
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
X-axis, Z-axis						
Rapid traverse Z	m/min	30	30	30	30	30
Rapid traverse X	m/min	30	30	30	30	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
	SIEMENS	Nm			11	
Z - MOTOR TORQUE	FAGOR	Nm		11,6		
	FANUC	Nm	7	11	7	11
	SIEMENS	Nm	11	11	11	16
Tailstock						
Tailstock barrel	mm	410	410	410	410	1080
Tailstock barrel Ø	mm			80		
Tailstock barrel travel	mm	100	100	100	100	120
Tailstock Morse taper	MT			4		
Turret						
Standard turret	PRAVATI BTP-80	SAUTER 0.5.436.216	PRAVATI BTP-80	SAUTER 0.5.450.416	PRAVATI BTP-80	SAUTER 0.5.436.216
Turret type	ELECTROMECANICA	SERVO	ELECTROMECANICA	SERVO	ELECTROMECANICA	SERVO
Stations of standard turret	8	12	8	12	8	12
Tool shank	mm	25X25	20X20	25X25	20X20	25X25
Ø Boring bar	mm	40	32	40	32	40
Cooling system						
Coolant pump	bar			4		
Tank capacity	l	110	110	110	110	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
Width	mm	1800	1880	1850	1950	1793
Height	mm	1770	1770	1800	1880	1760
Weight	kg	3750	4000	4000	4250	5500
Options						
Hydraulic steady rest Ø	mm	-	-	-	-	8 - 101
Dimensions and weight with packaging						
Length	mm	2595	2595	2630	2595	4028
Width	mm	1600	1680	1650	2050	1893
Height	mm	1970	1970	2000	2080	1960
Weight	kg	4050	4300	4300	4550	5900

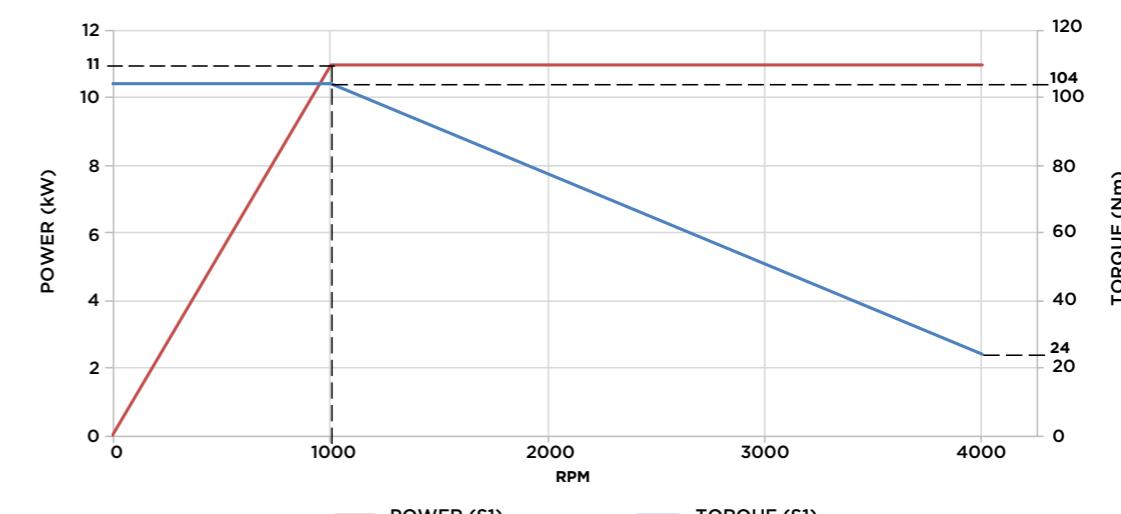
SL-250/SL-250M > FAGOR



SL-275/SL-305M > FAGOR



SL-275/SL-275M > FAGOR



Metosa Showroom: professionals at the service of professionals

In the METOSA GROUP facilities we have a large Showroom of 2,000 square meters where our Clients can go through the evolution of our lathes and see in detail the model that best suits their business needs. It will always be attended by qualified technical personnel who will be able to solve any doubt that could arise.

1

Presentation

This multifunctional room allows to carry out acts of presentation of the new models, of the different activities of our commercial brands, etc.

All the models we manufacture are on permanent display, so that who visits the factory can see all the lathes and the differences between them.

2

Training

The training courses are taught by our qualified technicians, very experienced teachers who know every corner and performance of the lathe. They are designed for Customers and Distributors of our brand. Additionally, we provide workshops and updating-days for our own staff in order to keep up to date with the technologic novelties

3

Product launches

Every time a new model is launched on the market, we make an official presentation in which we bring together Clients, staff, personalities and the sectorial press.

It is another way of being permanently close to the industrial environment in which we move.



2 manufacturing
plants

● SPAIN ● INDIA

presence
in 80 countries

+100
distributors
worldwide



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Austria Poland
Belgium Portugal
Bulgaria Romania
Croatia Russia
Czech Republic Slovakia
Denmark Slovenia
Estonia Spain
Finland Sweden
France Switzerland
Germany Turkey
Greece Ukraine
Hungary United Kingdom
Ireland
Italy
Latvia
Lithuania
Norway

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Chile
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Cuba
Ecuador
El Salvador
Guatemala
Mexico
Nicaragua
Peru
United States
Uruguay
Venezuela

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Bangladesh
India
Indonesia
Iraq
Israel
Jordan
Korea
Malaysia
Mauritius
Mexico
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Saudi Arabia
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CE certificate for all
products manufactured
by Grupo Metosa.



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GROUP

www.metosagroup.com

Pinacho

Partida de la Sierra s/n
22310 Castejón del Puente
Huesca (Spain)
+34 974 401 650
info@metosagroup.com
www.pinachocnc.com