

MODEL		SC 200		SC 250			SC 325				
SPECIFICATIONS		MM	INCH	MM		INCH		MM		INCH	
Centre distance		750 / 1000	30" / 40"	1000 / 1500		40" / 60"		1000 / 1500 / 2000 / 3000		40" / 60" / 80" / 120"	
Centre height		200	8"	250		10"		325		13"	
Swing over bed		402	16"	502		20"		652		26"	
Swing over gap		560	22"	700		28"		910		36"	
Gap length in front of face plate		120	5"	160		6"		220		9"	
Bed width		250	10"	300		12"		350		14"	
Swing over carriage		335	13"	440		17"		595		23"	
Swing over cross slide		245	10"	310		12"		450		18"	
Cross slide travel		210	7 ½"	250		9 ¾"		325		12 ¾"	
Tool post slide travel		105	4"	130		5"		155		6"	
Maximum tool dimensions		20 X 20	3/4" x 3/4"	25 X 25		1" x 1"		25 X 25		1" x 1"	
Headstock Main spindle bore		42	1 ½"	58	105	2 ½"	4"	80	155	3"	6"
Main spindle nose / Camlock		A2 - 5 / 5		A2 - 6 / 6		A2 - 8 / 8		A2 - 8 / 8		A2 - 11 / 11	
Main spindle morse taper (MT)		4		4			5				
Speed range (rpm)		40 - 2800		40 - 2300			30 - 1700				
No. of speed range		3		3			3				
Speed range 1 (rpm)		40 - 345		40 - 310		85 - 200		30 - 240		50 - 120	
Speed range 2 (rpm)		345 - 1015		310 - 840		200 - 465		240 - 630		120 - 290	
Speed range 3 (rpm)		1015 - 2800		840 - 2300		465- 1250		630 - 1700		290 - 800	
Norton box No. of pitch		44		44			55				
Longitudinal feeds		0.05 - 0.752		0.05 - 0.752			0.05 - 1.5				
Cross feeds		0.025 - 0.376		0.02 - 0.296			0.025 - 0.752				
Metric threads		0.5 - 7.5		0.5 - 7.5			0.5 - 15				
Whitworth threads in T.P.I		60 - 4		60 - 4			60 - 2				
Modular threads		0.25 - 3.75		0.25 - 3.75			0.25 - 7.5				
Pitch diametral threads		120 - 8		120 - 8			120 - 4				
Ø35 lead screw rod pitch		6	1/4"	6	1/4"		6		1/4"		
Tail stock barrel diameter		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				
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)		4		5.5			7.5				
Pump Motor Power (kw)		0.1		0.1			0.1				
Capacity of coolant tank (lts)		42 / 55		67 / 92			81 / 111 / 151 / 201				
Overall dimensions (mm)	Length	2115 / 2390		2700 / 3200			2700 / 3200 / 3800 / 4700				
	Width	910		950			1080 / 1110				
	Height	1625		1750			1825				
	Weight (Kg)	1030/1190		1520 / 1680			1750 / 2100 / 2500 / 3100				
Acceptance Accuracy		DIN 8605		DIN 8605			DIN 8605				

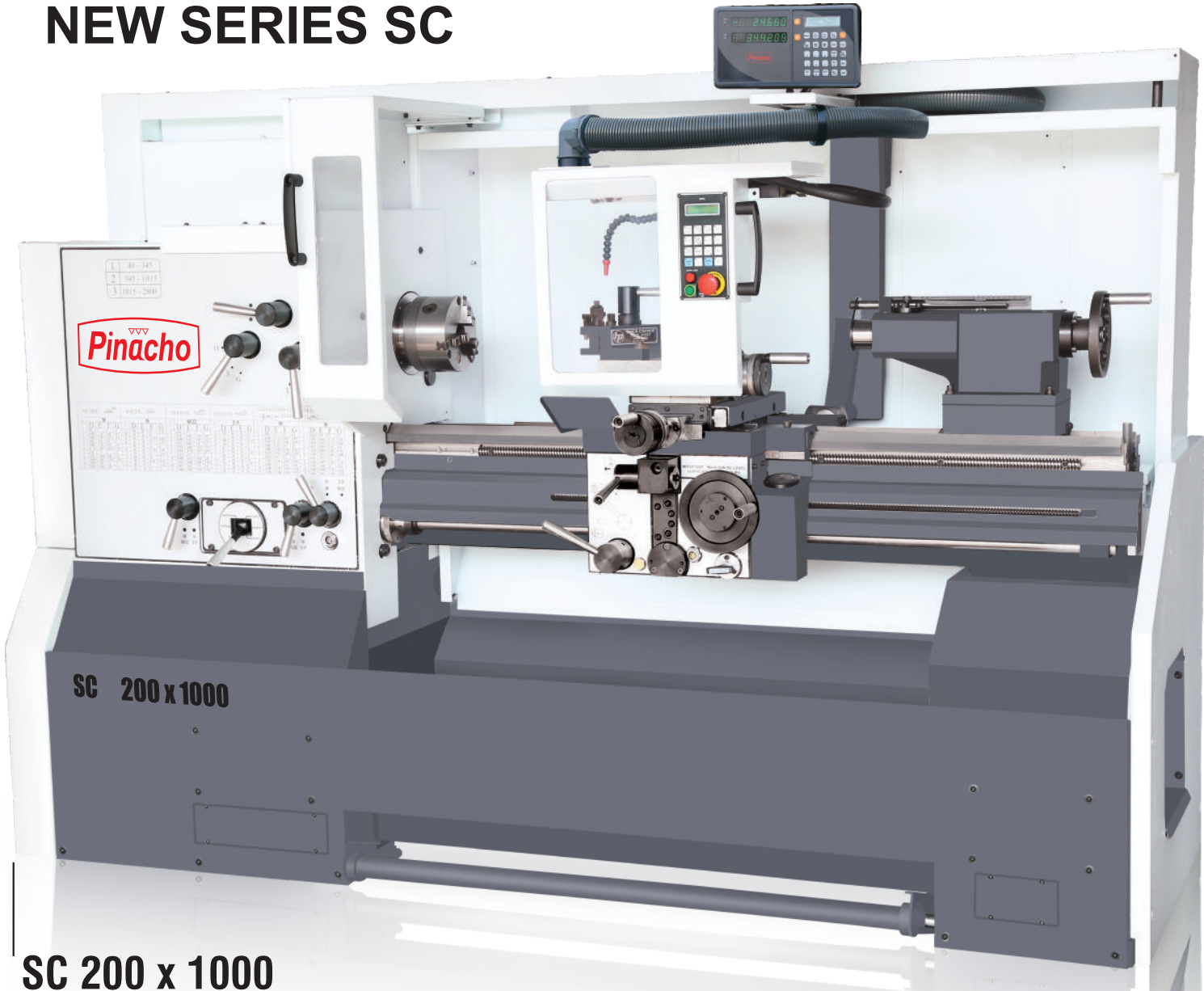
Specifications subject to change without notice. Not responsible for typographical error. Machines are shown with optional equipment.



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NEW SERIES SC



CONVENTIONAL LATHE
VARIABLE
SPEED HEADSTOCK



SC 250 x 1500

Standard Accessories

- Spindle brake
- Main spindle reducing bush & fixed centre
- Tailstock reducing bush & fixed centre
- Square tool post and key
- Chip collecting tray
- Instruction manual
- Centralised lubrication
- Coolant equipment
- Reducing bush
- Rear splash guard
- Top Slide guard
- Rigid lead screw guard
- Levelling plates
- Chuck guard with limit switch
- Emergency stop
- Main switch
- Work light
- C E Compliant

DESCRIPTION

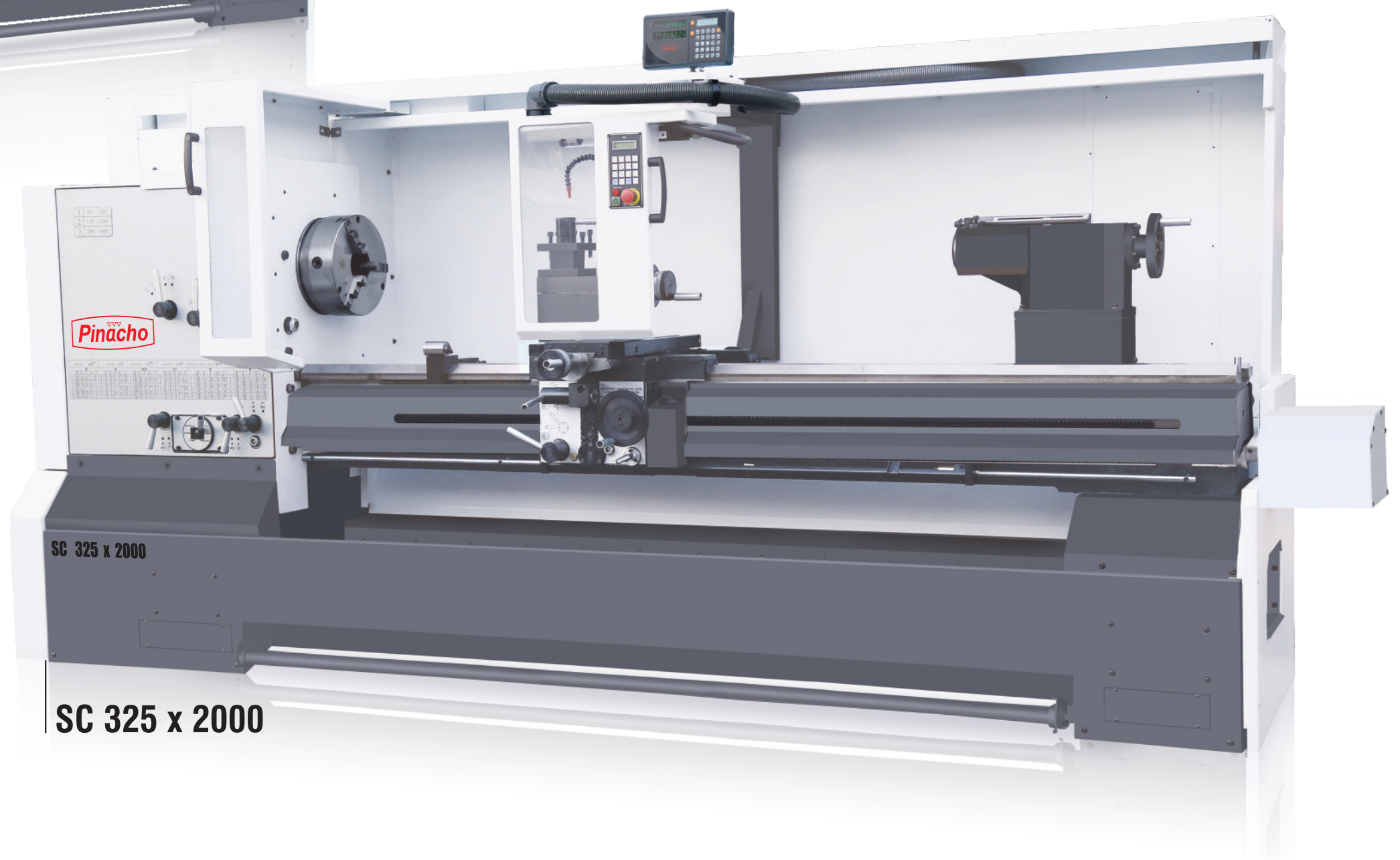
The combination of constant surface and electronically variable spindle drive SC gives the better cutting performance among the best lathes in the market. Combination of precision, power, durability and advance features ensure long - living performance. SC - the state of art technology makes it ideal for tool room and production applications with maximum precision, high productivity, long life to the machines.

FEATURES

Constant power, 3 range variable speed drive from 30 to 2800 rpm
Ease of use and excellent assistance for high accuracy jobs
High chip removal rate during the rough turning operation

BENEFITS

Very versatile for machining big and small components
Constant power in all rpm ranges
Very high production efficiency
Excellent quality finish with maximum precision



SC 325 x 2000