

HIGH SPEED PRECISION LATHE

Bed Width: 185mm / 250mm / 270mm

MODELS		KT -1330 PR		KT-1340 PR		KT-1430 ST		KT-1440 ST		KT-1530 CH		KT-1540 CH		KT-1550 CH	
CAPACITY															
Centre height		165 (6.5)				178 (7)				190 (7.5)					
Swing over bed		330 (13)				360 (14.25)				390 (15.25)					
Swing over cross slide		190 (7.5)				215 (8.625)				240 (9.5)					
Swing in gap		510 (20)				560 (22)				610 (24)					
Distance between centres		750 (30)		1000 (40)		750 (30)		1000 (40)		760 (30)		1000(40)		1250(50)	
Gap width in front of faceplate		150 (6)				150 (6)				150 (6)					
Cross slide travel		145 (5.7)				195 (7.6)				230 (9)					
Top slide travel		95 (3.75)				100 (4)				120 (4.75)					
Width of bed		185 (7.3)				250 (10)				270 (11)					
Length of bed		1380 (54.25)		1650 (65)		1560 (61.25)		1820 (71.5)		1710 (66.5)		1950 (76.5)		2200 (86.5)	
MAIN SPINDLE															
Spindle nose (camlock)		D-1-4				D-1-5				D-1-6					
Spindle bore		35(1.375)				42(1.625)				54(2.125)					
Spindle speed	Numbers	8		16-optional		8		16-optional		16					
	Ranges(RPM)	105-2000		53-2000		70-2000		35-2000		25-2000					
Varispeed	Gear steps	2				2				2					
	Ranges(RPM)	40-2500				35-2500				18-2500					
Spindle nose bush		MT#4				MT#5				MT#6					
Spindle centre		MT#3				MT#3				MT#4					
TAILSTOCK															
Tailstock spindle travel		100 (4)				120 (4.75)				155 (6.125)					
Tailstock barrel diameter		40 (1.56)				50 (2)				58.5 (2.312)					
Tailstock centre		MT#3				MT#3				MT#4					
THREADING															
No.of whitworth threads		32 (in) 24 (mm) 36-optional				36				45					
Range of whitworth threads (T.P.I.)		4-56 (in) 4-28 (mm) 4-72-optional				4-72				2-72					
No. of metric threads		14(in) 18(mm) 31-optional				27				39					
Range of metric threads		0.5-6.0mm(in) 0.45-7mm(mm) 0.2-7.0mm-optional				0.4-7mm				0.2-14mm					
No. of Diametral pitch threads		21-optional				21				21					
Range of D.P. threads		8-44DP-optional				8-44DP				8-44DP					
No. of Module pitch threads		18-optional				18				18					
Range of Module pitch threads		0.3-3.5mm-optional				0.3-3.5mm				0.3-3.5mm					
FEED RANGE															
Longitudinal feeds		0.038-0.254 (0.0015-0.01) 0.02-0.520 (0.00008-0.0205)-optional				0.03-0.40(0.0012-0.016)				0.040-1.00 (0.0015-0.04)					
Cross feeds		0.012-0.090 (0.0005-0.0035) 0.006-0.170 (0.00023-0.0067)-optional				0.01-0.13(0.0004-0.0053)				0.02-0.50 (0.0008-0.02)					
DRIVING MOTOR															
Main motor	Standard	2.25KW (3HP)				3.75KW(5HP)				5.5KW(7.5HP)					
	Optional	2.25/1.12KW(3/1.5HP)				3.75/2.25KW(5/3HP)				---					
	Varispeed	1.5KW (2HP)				3.75KW(5HP)				5.5KW(7.5HP)					
PACKING SIZE															
Length		1625 (64)		1930(76)		1830 (72)		2135(84)		1970 (77)		2210 (87)		2515 (99)	
Width		760 (30)				915 (36)				1016 (40)					
Height		1473 (58) 1623(64)-CE				1525 (60) 1675 (66) -CE				1600 (63) 1752 (69) -CE					
Net weight (Approx. kgs)		620		670		850		900		1000		1150		1300	
Gross weight (Approx. kgs)		750		820		1000		1100		1200		1350		1500	

• The above specifications subject to change without prior notice.