

HIGH SPEED PRECISION LATHE

Bed Width: 450mm

Specification	KT-3060 (I)	KT-3080 (I)	KT-30120 (I)	KT-30160 (I)	KT-30200 (I)	KT-30240 (I)	KT-3360 (I)	KT-3380 (I)	KT-33120 (I)	KT-33160 (I)	KT-33200 (I)	KT-33240 (I)
CAPACITY												
Center height	385 mm						420 mm					
Max. swing over bed	770 mm						840 mm					
Max. swing over gap	950 mm (opt.)						1020 mm (opt.)					
Max. swing over cross-slide	500 mm						570 mm					
Distance between centers	1600 mm	2100 mm	3100 mm	4100 mm	5100 mm	6100 mm	1600 mm	2100 mm	3100 mm	4100 mm	5100 mm	6100 mm
Bed width	450 mm						450 mm					
MAIN SPINLDE												
Spindle bore	Ø105 mm			Ø155 mm (opt.)			Ø105 mm	Ø155 mm (opt.)	Ø230 mm (opt.)	Ø255 mm (opt.)	Ø305 mm (opt.)	
Spindle nose	A 1-11			A 2-11			A 1-11	A 2-11	A 2-15	A 2-15	A 2-20	
Conventional type spindle speeds (18 steps)		23 - 1293 rpm			13 - 690 rpm			23 - 1293 rpm	13 - 690 rpm	5 - 440 rpm	5 - 440 rpm	
Inverter type variable speeds	H	331 - 1500 rpm			176 - 800 rpm			331 - 1500 rpm	176 - 800 rpm	108 - 450 rpm	108 - 450 rpm	80 - 350 rpm
	M	93 - 330 rpm			53 - 175 rpm			93 - 330 rpm	53 - 175 rpm	31 - 107 rpm	31 - 107 rpm	18 - 79 rpm
	L	20 - 92 rpm			10 - 52 rpm			20 - 92 rpm	10 - 52 rpm	6 - 30 rpm	6 - 30 rpm	5 - 17 rpm
CARRIAGE												
Cross-slide travel	450 mm						450 mm					
Compound rest travel	250 mm						250 mm					
TAILSTOCK												
Tailstock spindle dia.	105 mm						105 mm					
Tailstock spindle travel	220 mm						220 mm					
Tailstock spindle taper	MT#5						MT#5					
THREADING												
Lead screw	2TPI or 12 mm / pitch						2TPI or 12 mm / pitch					
Metric pitch threads	0.8-14 mm / pitch (65 kinds)						0.8-14 mm / pitch (65 kinds)					
Inch pitch threads	2-28 TPI (36 kinds)						2-28 TPI (36 kinds)					
Module pitch threads	0.5-7 M (22 kinds)						0.5-7 M (22 kinds)					
DP threads	4-56 TPI (36 kinds)						4-56 TPI (36 kinds)					
FEEDING RANGE												
Range of longitudinal feeds	0.05-0.70 mm / rev.						0.05-0.70 mm / rev.					
Range of cross feeds	0.025-0.35 mm / rev.						0.025-0.35 mm / rev.					
MOTOR												
Main spindle motor	15 HP / 20 HP(opt.)						15 HP / 20 or 25 HP (opt.)					
Rapid feed motor	1/4 HP						1/4 HP					
Coolant pump motor	1/8 HP						1/8 HP					
MACHINE WEIGHT												
Net weight approx.	3350 kgs	3600 kgs	4100 kgs	4600 kgs	5100 kgs	5700 kgs	3450 kgs	3700 kgs	4200 kgs	4700 kgs	5200 kgs	5800 kgs
Packing size (cm)	365x170x180	415x170x180	515x170x180	615x170x180	715x170x180	815x170x180	365x170x190	415x170x190	515x170x190	615x170x190	715x170x190	815x170x190

• Above specifications are subject to change without prior notice.