

HIGH SPEED PRECISION LATHE Bed Width: 350mm

Specification	KT-1840 (I)	KT-1860 (I)	KT-1880 (I)	KT-2140 (I)	KT-2160 (I)	KT-2180 (I)	KT-21120 (I)	KT-2540 (I)	KT-2560 (I)	KT-2580 (I)	KT-25120 (I)
CAPACITY											
Center height	230 mm			270 mm				315 mm			
Max. swing over bed	460 mm			540 mm				630 mm			
Max. swing over gap	640 mm (opt.)			720 mm (opt.)				810 mm (opt.)			
Max. swing over cross-slide	290 mm			360 mm				450 mm			
Distance between centers	1000 mm	1500 mm	2000 mm	1000 mm	1500 mm	2000 mm	3000 mm	1000 mm	1500 mm	2000 mm	3000 mm
Bed width	350 mm			350 mm				350 mm			
MAIN SPINLDE											
Spindle bore	Ø56 mm			Ø85 mm		Ø105 mm (opt.)		Ø85 mm	Ø105 mm (opt.)		Ø155 mm (opt.)
Spindle nose	D 1-6			D 1-8		A 1-11		D 1-8	A 1-11		A 2-11
Conventional type spindle speeds (18 steps)		39 - 2800 rpm		25 - 1545 rpm		23 - 1293 rpm		25 - 1545 rpm	23 - 1293 rpm		13 - 690 rpm
Inverter type variable speeds	H	681 - 3100 rpm		491- 2250 rpm		331 - 1500 rpm		491- 2250 rpm	331 - 1500 rpm		176 - 800 rpm
	M	153 - 680 rpm		126 - 490 rpm		93 - 330 rpm		126 - 490 rpm	93 - 330 rpm		53 - 175 rpm
	L	33 - 152 rpm		27 - 125 rpm		20 - 92 rpm		27 - 125 rpm	20 - 92 rpm		10 - 52 rpm
CARRIAGE											
Cross-slide travel	280 mm			330 mm				330 mm			
Compound rest travel	120 mm			150 mm				150 mm			
TAILSTOCK											
Tailstock spindle dia.	75 mm			75 mm				75 mm			
Tailstock spindle travel	170 mm			170 mm				170 mm			
Tailstock spindle taper	MT#5			MT#5				MT#5			
THREADING											
Lead screw	4TPI or 6 mm / pitch			4TPI or 6 mm / pitch				4TPI or 6 mm / pitch			
Metric pitch threads	0.5-7 mm / pitch (24 kinds)			0.5-7 mm / pitch (24 kinds)				0.5-7 mm / pitch (24 kinds)			
Inch pitch threads	4-56 TPI (36 kinds)			4-56 TPI (36 kinds)				4-56 TPI (36 kinds)			
Module pitch threads	0.25-3.5 M (16 kinds)			0.25-3.5 M (16 kinds)				0.25-3.5 M (16 kinds)			
DP threads	8-112 P (36 kinds)			8-112 P (36 kinds)				8-112 P (36 kinds)			
FEEDING RANGE											
Range of longitudinal feeds	0.06-0.88 mm / rev.			0.06-0.88 mm / rev.				0.06-0.88 mm / rev.			
Range of cross feeds	0.03-0.44 mm / rev.			0.03-0.44 mm / rev.				0.03-0.44 mm / rev.			
MOTOR											
Main spindle motor	7-1/2 HP / 10 HP(opt.)			10 HP / 15 HP(opt.)				10 HP / 15 HP(opt.)			
Rapid feed motor	90 W (opt.)			90 W (opt.)				90 W (opt.)			
Coolant pump motor	1/8 HP			1/8 HP				1/8 HP			
MACHINE WEIGHT											
Net weight approx.	2000 kgs	2250 kgs	2500 kgs	2200 kgs	2350 kgs	2600 kgs	2600 kgs	2250 kgs	2400 kgs	2650 kgs	2650 kgs
Packing size (cm)	229x120x170	279x120x170	329x120x170	229x120x170	279x120x170	329x120x170	429x120x170	229x120x175	279x120x175	329x120x175	429x120x175

• Above specifications are subject to change without prior notice.