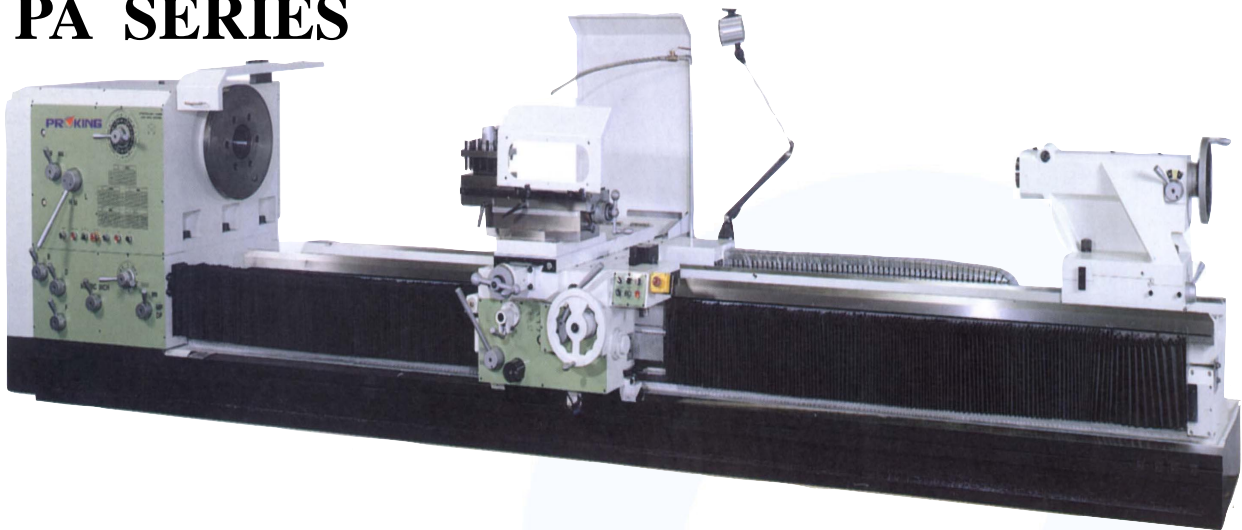


Heavy Duty Gap LATHES

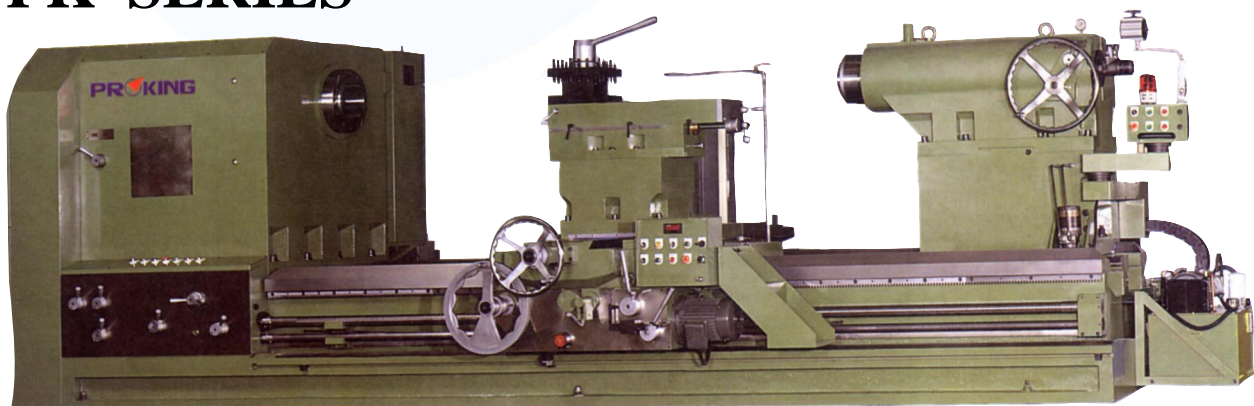
PA SERIES



PB SERIES



PK SERIES



HEAVY DUTY GAP LATHE PA & PB(2 WAY TRACK), PH & PK SERIES (4 WAY TRACK)

ITEM	MODEL	PA-35	PA-40	PA-45	PA-50	PB-45	PB-50	PB-60	PB-70	PH-50	PH-60	PH-70	PH-80	PK-70	PK-80	PK-90	PK-100	
CAPACITY	Center height	mm	440	505	568	638	568	638	764	895	638	764	895	1020	895	1020	1145	1270
	Swing over bed	mm	880	1010	1135	1275	1135	1275	1527	1790	1275	1527	1790	2040	1790	2040	2290	2540
	Swing over cross slide	mm	610	740	870	1010	810	950	1201	1460	855	1137	1400	1650	1350	1590	1840	2090
	Swing over gap	mm	1340	1470	1600	1740	1610	1730	1980	2230	N/A							
	Gap width from headstock	mm	600															
	Distance between centers	mm	1500, 2000, 2500, 3000, 3500, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 11000, 12000															
BED	width (W/O Auxiliary)	mm	560			715			1020			1210						
	width (W/ Auxiliary guide)	mm	660			812			1160			1370						
HEADSTOCK	Spindle nose		A2-11	A2-15	A2-11, A2-15, A2-15, A2-20, A2-20, A2-28, A2-28, A2-32													
	Spindle bore	mm	153 230			153 230 255 318 360 410 535 610												
	Spindle step		18 Steps(manual)			Auto 4-Steps(with inverter)												
	Spindle speeds	1 range-rpm				18~130, 16~120, 13~95, 12~85, 10~75, 8~50, 6~40, 4~25												
		2 range-rpm				35~260, 30~200, 25~185, 23~170, 20~150, 15~100, 12~80, 8~50												
		3 range-rpm				85~550, 70~420, 60~400, 55~300, 50~250, 35~200, 30~180, 20~140												
	4 range-rpm				165~1000, 150~700, 120~600, 110~400, 95~350, 65~300, 50~250, 40~2220													
CARRIAGE	Cross-slide travel	mm	670			800			1100 Long carriage			1300 Long carriage						
	Compound rest travel	mm	450			500			600									
THREADS & FEEDS RANG	Longitudinal feeds	mm/rev	0.045~2.55															
	Cross feeds	mm/rev	0.023~1.28															
	Longitudinal rapid feeds	mm/min	2000															
	Cross rapid feeds	mm/min	1270															
	Metric thread	mm	1~56															
	Inch thread	TPI	1/ 2~28															
	Module thread	MOD	0.25~14															
	Diametral pitch thread	DP	2~112															
	Pitch of leadscrew	mm	12															
TAILSTOCK	Quill diameter	mm	115			145			235			280						
	Quill travel	mm				200						250						
	Inner taper of quill		MT#6															
	Bearing surface on bed ways	mm	500			600			660			1120						
MOTOR	Main Spindle motor	KW	15-STD. 22.5/ 30-OPT.			22.5-STD. 30/ 37-OPT.			30-STD. 37/ 56-OPT.			37-STD. 256/ 75-OPT.						
	Coolant pump motor	KW	0.1						0.37									
MACHINE WEIGHT	1000mm center distance	kgs	10000	10350	10700	11050	13200	13600	14400	15200	16700	17700	18700	19700	22700	24200	25700	27200