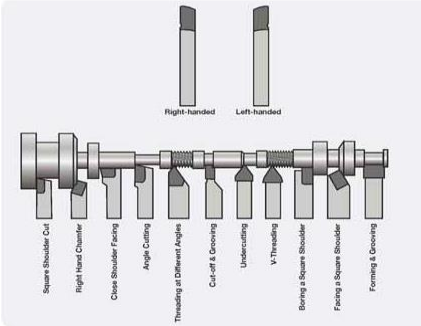
CHOOSING THE RIGHT LATHE

Selecting the right LATHE to meet your requirements requires careful assessment of the performance objectives outlined below. The following chart is a helpful tool to assist you in identifying the model of machine that best fits specific applications.



		LATHE SIZE		OPERATIONS												APPLICATIONS / USES CUTTING OBJECTIVES											FREQUENCY OF USE			
MODEL	DESCRIPTION	Swing	Center to Center Distance	External Facing	External Roughing	External Finishing	External Turning	External Knurling	External Contouring	External Threading	Cut-off	Internal Drilling	Internal Boring	Internal Facing	Internal Threading	Job Shops	Tool & Die Work	Mold Making	Prototype Work	Maintenance Shops	Hobbyist	General Accuracy & Repeatability	Precision Accuracy & Repeatability	High Quality Finish	High Accuracy & Repeatability	Vertical drill & mill machine attachment	Intermittent Use	Light Production (Less than 25% of work day)	Medium Production (25% to 70% of work day)	Heavy Production (More than 70% of work day)
9684500	7" x 12" BENCH LATHE	7"	12"	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X	X					X			
9684508	8" x 12" BENCH LATHE	8"	12"	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X	X		X	X		X			
9684504	9" x 20" BENCH LATHE	9"	20"	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X		X	X	X	
9680213	COMBINATION 9" x 20" BENCH LATHE & MILL	9"	20"	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X	X	X	X	X	
9684509	10" x 21" BENCH LATHE	10"	21"	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X		X	X		X	X	X	
9684520	11" x 27" COMBINATION BENCH LATHE & MILL	11"	27"	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X
9684510	12" x 36" ENGINE LATHE	12"	36"	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X		X	X	X	
9684521	13" x 40" ENGINE LATHE	13"	40"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684522	13" x 40" ENGINE LATHE 3PH	13"	40"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684551	14" x 40" ENGINE LATHE, 230V	14"	40"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684552	14" x 40" ENGINE LATHE, 460V	14"	40"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684524	16" x 60" ENGINE LATHE	16"	60"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684554	Lathe 18 x 80 230/460V	18"	80"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684556	Lathe 22 x 80" 230/460V	22"	80"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X			X	X	X
9684525	12" x 36" Variable Speed Engine Lathe	12"	36"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X				X	X
9684526	13" x 40" Variable Speed Engine Lathe	13"	40"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X				X	X
9684527	14" x 40" Variable Speed Engine Lathe	14"	40"	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X				X	X