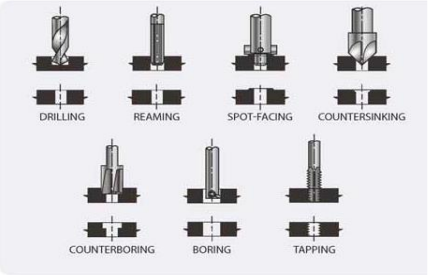
CHOOSING THE RIGHT DRILLING & TAPPING MACHINES

Selecting the right drilling or tapping machine 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 a specific application. Follow these steps to help select the right machine - list the operations to be performed, list the type of finished holes, list all the diameters of holes to be drilled, determine the horsepower required to produce the largest diameter hole, decide on manual or power feed and then determine your application or use.



MODEL	DESCRIPTION		OPERATIONS							INFLUENCE OF HOLE				HOLE SIZE							HORSEPOWER							FEED SYSTEM		APPLICATIONS / USES										
		Spindle Taper	Drilling	Reaming	Spot-facing	Counter Sinking	Counter Boring	Boring	Hole Finishing	Tapping	Through	Blind	Deep	Interrupted	1/8" to 1/2"	1/4" to 5/8"	3/8" to 3/4"	1/2" to 1"	1" To 1-3/8"	1" to 1-5/8"	1" to 2-3/8"	1/3	1/2	1	1.5	2	3	4	Manual	Power	Job Shop	Fabrication Shop	Maintenance Shop	Tool Room	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)	Spindle Tapping Mode	Will accept tapping head
9680110	10" Bench Step Pulley Drill Press	JT33	X	X	X	X			X		X	X			X							X							X				X		X						
9680341	Bench Radial Arm Drill Press	2MT	X	X	X	X					X	X				X							X						X		X				X	X					
9680342	Floor Radial Arm Drill Press	2MT	X	X	X	X					X	X				X							X						X		X				X	X					
9680130	16" 16-Speed Step Pulley Drill Press W/ Power Feed	3MT	X	X	X	X					X	X						X						X						X	X				X	X				X	
9680150	Heavy Duty 13.25" 16-Speed Bench Drill Press	JT33	X	X	X	X					X	X	X		X							X							X		X	X	X		X						
9680157	Heavy Duty 15" 16-Speed Bench Drill Press	2MT	X	X	X	X	X		X		X	X	X		X								X						X		X	X	X		X	X					X
9680158	Heavy Duty 15" 16-Speed Floor Drill Press	2MT	X	X	X	X	X		X		X	X	X		X								X						X		X	X	X		X	X					X
9680177	Heavy Duty 17" 16-Speed Floor Drill Press	2MT	X	X	X	X	X		X		X	X	X					X	X					X					X		X	X	X	X	X	X					X
9680178	Heavy Duty 17" 16-Speed Floor Drill Press 3PH	2MT	X	X	X	X	X		X		X	X	X					X	X					X					X		X	X	X	X	X	X					X
9680209	Heavy Duty 20" 16-Speed Floor Drill Press	3MT	X	X	X	X	X		X		X	X	X	X					X						X				X		X	X	X	X	X	X	X				X
9680210	Heavy Duty 20" 16-Speed Floor Drill Press 3PH	3MT	X	X	X	X	X		X	X	X	X	X	X					X						X				X		X	X	X	X	X	X	X		X	X	X
9680214	Premium 16-Speed 16" Floor Drill Press	3MT	X	X	X	X	X				X	X	X	X					X					X					X		X	X	X	X	X			X	X	X	X
9680216	Premium 18-Speed 22" Floor Drill Press	4MT	X	X	X	X	X				X	X	X	X					X								X		X		X	X	X	X	X			X	X	X	X
9680221	Premium 7-Speed 13" Bench Drill Press	2MT	X	X	X	X	X				X	X	X	X					X					X					X		X	X	X	X	X		X		X	X	X
9680215	Premium 16-Speed 16" Bench Drill Press	3MT	X	X	X	X	X				X	X	X	X					X					X					X		X	X	X	X	X		X		X	X	X
9680217	Heavy Duty Variable Speed 16" Floor Drill Press	3MT	X	X	X	X	X				X	X	X	X						X						X			X		X	X	X	X	X			X	X	X	X
9680184	17" Variable Speed Floor Drill Press	3MT	X	X	X	X	X				X	X	X	X			X							X					X		X	X	X	X	X	X					
9680133	17" 16-Speed Floor Step Pulley Drill Press	3MT	X	X	X	X	X				X	X	X	X			X							X					X		X	X	X	X	X	X					
9680175	Heavy Duty Variable Speed 20" Floor Drill Press	3MT	X	X	X	X	X				X	X	X	X						X						X			X		X	X	X	X	X			X	X	X	X
9680222	18-Speed Upright Gear Head Dril Press with Power Feed	4MT	X	X	X	X	X			X	X	X	X	X							X							X		X	X	X	X	X				X	X	
9680224	8-Speed 18" Gear Head Drill Bench Drill Press	3MT	X	X	X	X	X			X	X	X	X	X					X								X		X		X	X	X	X				X	X	
9680223	8-Speed 20" Gear Head Drill Floor Drill Press	3MT	X	X	X	X	X			X	X	X	X	X						X							X		X		X	X	X	X				X	X	
9680212	22" Gear Head Drill Press with Mechanical Clutch Powerfeed	4MT	X	X	X	X	X			X	X	X	X	X						X							X			X	X	X	X	X				X	X	
9680225	22" Gear Head Drill Press with Electro-Magnetic Clutch Powerfeed	4MT	X	X	X	X	X			X	X	X	X	X						X							X			X	X	X	X	X				X	X	
9680134	20" Gear Head Drill Machine Variable Speed, 230V	3MT	X	X	X	X	X			X	X	X	X	X					X							X			X		X	X	X	X			X			
9680135	22" Gear Head Drill Machine Variable Speed, 230V	4MT	X	X	X	X	X			X	X	X	X	X						X							X		X		X	X	X	X			X			
9680136	28" 8-Speed Gear Head Drill Machine, 230V	4MT	X	X	X	X	X			X	X	X	X	X						X							X		X		X	X	X	X				X		
9680137	32" 16-Speed Gear Head Drill Machine, 230V	4MT	X	X	X	X	X			X	X	X	X	X							X							X	X		X	X	X	X				X		
9680138	20" Gear Head Drill Machine Variable Speed, 460V	3MT	X	X	X	X	X			X	X	X	X	X					X							X			X		X	X	X	X			X			
9680139	22" Gear Head Drill Machine Variable Speed, 460V	4MT	X	X	X	X	X			X	X	X	X	X						X							X		X		X	X	X	X			X			
9680140	28" 8-Speed Gear Head Drill Machine, 46V	4MT	X	X	X	X	X			X	X	X	X	X						X							X		X		X	X	X	X				X		
9680141	32" 16-Speed Gear Head Drill Machine, 460V	4MT	X	X	X	X	X			X	X	X	X	X							X							X	X		X	X	X	X				X		
9680420	QUICK-TAP pneumatic tapping arm, 400 rpm, 43" reach			X		X			X	X	X	X			X																X	X		X	X			X		
9680421	QUICK-TAP pneumatic tapping arm, 700 rpm, 43" reach			X		X			X	X	X	X			X																X	X		X	X			X		
9680400	SHOP-TAP pneumatic tapping arm, 400 rpm, 57" reach			X		X			X	X	X	X			X																X	X		X	X			X		
9680401	SHOP-TAP pneumatic tapping arm, 700 rpm, 57" reach			X		X			X	X	X	X			X																X	X		X	X			X		
9680410	PRODUCTION-TAP pneumatic tapping arm, 400 rpm, 55" reach			X		X			X	X	X	X			X																X	X								
9680411	PRODUCTION-TAP pneumatic tapping arm, 700 rpm, 55" reach			X		X			X	X	X	X			X																X	X								
9680412	PRODUCTION-TAP pneumatic tapping arm, 300 rpm, 55" reach			X		X			X	X	X	X			X																X	X								
9680426	UNIVERSAL-TAP electric tapping arm, 130/400 rpm, 55" reach			X		X			X	X	X	X				X															X	X								
9680451	PNEUMATIC HAND TAPPER 150 rpm								X	X	X	X			X																X	X								
9680452	ELECTRIC HAND TAPPER 280 rpm								X	X	X	X			X																X	X								