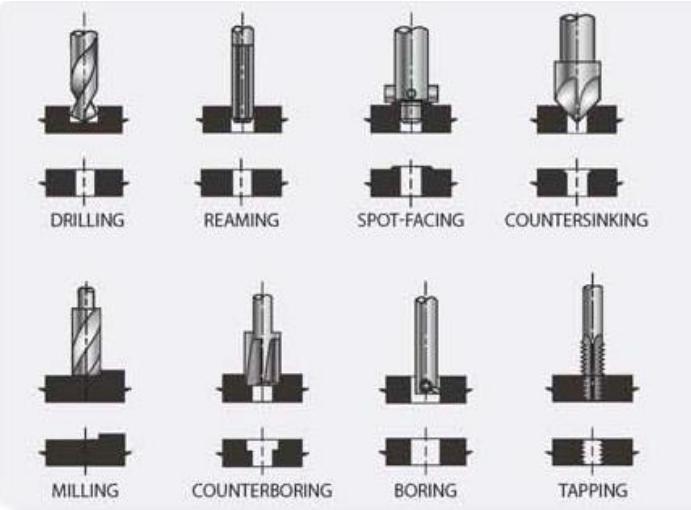
CHOOSING THE RIGHT MILLING MACHINES

Selecting the right milling 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 specific applications.



		OPERATIONS										FEED SYSTEM			
MODEL	DESCRIPTION	Face Milling	End Milling	Cutter Milling	Drilling	Reaming	Spot-facing	Counter Sinking	Counter Boring	Boring	Tapping	Manual	Spindle Power Feed	Table power feed	Horizontal & Vertical Cutting Applications
9680161	Step Pulley Mill/Drill - 1.5HP	X	X		X	X	X	X	X	X	X	X		X	
9680159	13" Gear Head Milling Machine 5/8HP	X	X		X	X	X	X	X	X	X	X			
9680164	14" Gear Head Milling Machine 1.2HP	X	X	X	X	X	X	X	X	X	X	X			
9680165	Electronic Gear Head Variable Speed Mill, 3HP	X	X	X	X	X	X	X	X	X	X	X		X	
9680166	20" Gear Head Milling Machine, 3HP	X	X	X	X	X	X	X	X	X	X	X			
9680167	Vertical Turret Milling Machine	X	X	X	X	X	X	X	X	X	X		X		
9680176	Delux Vertical Turret Milling Machine	X	X	X	X	X	X	X	X	X	X		X	X	
9680179	CNC Turret Mill With Fagor Control	X	X	X	X	X	X	X	X	X	X	X	X	X	X

PALMGREN®
a CH Hanson brand

APPLICATIONS / USES CUTTING OBJECTIVES										FREQUENCY OF USE			
Contour Milling	Multi-Axis Machining Compound Angle Cuting Applications	Tool & Die Work	Mold Making	Prototype Work	Angle Cutting Applications	General Accuracy & Repeatability	Precision Accuracy & Repeatability	High Quality Finish	High Accuracy & Repeatability	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)
	With vise			X		X				X	X		
	With vise			X		X		X		X			
	With vise	X		X		X		X	X	X			
X	With vise	X	X	X	X		X	X	X	X	X	X	X
X	With vise	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	X	X	X	X		X	X	X	X	X	X	X
X	X	X	X	X	X		X	X	X	X	X	X	X