

9680158 - 15", 1PH, Floor Model
9680177 - 17", 1PH, Floor Model
9680178 - 17", 3PH, Floor Model
9680209 - 20", 1PH, Floor Model
9680210 - 20", 3PH, Floor Model



HEAVY DUTY 16-SPEED STEP PULLEY DRILL PRESSES

FEATURES	ADVANTAGES	BENEFITS
Oversized, massive drill head with widely spaced bearings	Provides full quill support throughout its travel Provides maximum stiffness & rigidity Smoother operation	Minimizes vibration
Fully enclosed spindle	Provides maximum rigidity Minimal deflection Capable of handling a wide size range of cutting tools Maximum spindle run out of 0.0005"	Greater accuracy Longer tool life Reduced workpiece costs
5" Spindle travel on the 17" models 6" spindle travel on the 20" models	Extended quill/spindle travel ideal for deep hole applications	Broad application range Lower set up costs
LED readout of spindle speed	Spindle speed easy to read	Operator convenience Optimizes cutting tool performance Increases productivity Lower workpiece cost
Rack and pinion table raiser	Easy adjustment of table height Quick, safe set-ups	Greater operator convenience and safety Improved productivity
Precision ground t-slotted work table with coolant trough	Easier clamping of workpiece or vise Capable of handling coolant Rigid with minimal deflection	Greater operator convenience & safety Improved productivity
Table tilts 45° right and left and rotates 360° around the column	Table tilts for all angle drilling applications Table swings around the column to allow drilling operations on larger workpieces secured to the drill press base	Greater versatility Improves efficiency Improved productivity

<i>FEATURES</i>	<i>ADVANTAGES</i>	<i>BENEFITS</i>
Quick change vertical depth stop	Easy to set Easy to read	Faster set-ups Increased efficiency Greater accuracy Greater operator convenience
Heavy cast metal 3 spoke quill feed handle with ergonomic speed feed handle	Provides for easy, fast manual feeding of cutting tool into the workpiece Proper size to maximize required thrust needed for drilling operations	Improves cutting tool performance Improves efficiency Greater operator convenience & safety
Spindle reversing switch on 9680210	Toggle switch mounted on the front side of the drill head for manual forward & reverse of the spindle for tapping	Increased application range Greater machine versatility
Chuck key storage clip	Conveniently located on front side of the head casting	Allows for faster cutting tool changes & set-ups
Swing-mount motor and pulley system	Allows for fast, easy belt speed changes No other tools are required Allows for proper belt tension when changing speeds	Greater operator safety & convenience Improved productivity Improved performance & minimal maintenance Improves cutting tool performance
Front mounted industrial paddle-type switch	Positioned for easy access & use	Greater operator safety and convenience
1/2" through base slots	Faster & simpler set-ups Machined for clamping larger workpieces	Improves efficiency & productivity Greater operator convenience & safety
Work Light	Provides direct illumination on the workpiece and work area	Reduces operator eyestrain and fatigue Provides greater operator safety