



Model R-53 Precision Drilling Machine

Our drilling machines are a high precision tool of the highest grade for handling drilling work of every description. The heat treated and ground spindle is guided in a vertical quill supported by annular bearings; thus none of the belt pull is transmitted to the spindle. Two spindle ball thrust bearings are provided to carry idle and drilling load. The sensitive feed of the handle enables the operator to avoid breaking drill bits.

All vital parts are ground accurately to size and alignment including spindle, quill, feed column, main column, table (horizontal surface and apron) and base. The spindle is driven by an improved high speed, molded endless round belt. Spindle travel is accurately set by adjustable depth gauge. All motors are the ball bearing type and are available in 110, 220, or 440 volt, single or three phase, 60 cycle AC. Special motors are also available. Standard machines equipped with 110 volt, single phase motor comes with a six foot cord, switch and plug.

Specifications

Capacity - Up to 1/4"

Maximum spindle travel - 2-1/4"

Drills to center of 6" circle

10" wide x 20" deep x 24-1/2" high overall

Net Weight 103 lbs.

Spindle Speeds 750, 1500, 3000 & 6000 RPM

Table is easily and quickly adjustable to height.

It may be swung to one side or removed from main column.

Table Dimensions: 5-1/4" x 5"

Apron = 1-7/8" x 5"

Base has a 4" x 6" working surface which is 8-1/2" from end of chuck

The R-53 is built to Federal Specifications OO-D-676A