

PM-1440B and PM-1440BV Main Specifications

Type	Geared Head	Variable Speed
Model	PM-1440B	PM-1440BV
Max. Swing over bed	14"	
Max. Swing over cross slide	8.81"	
Max. Swing in gap	18.74"	
Center Height	7"	
Spindle Center Line Distance from Floor	Approx. 46"	
Max. Distance Between Centers	40"	
Spindle Chuck Mount	D1-5, Camlock	
Spindle Face to Tail Stock Spindle Face Max Distance	43-1/4"	
Width of Bed	7.362"	
Bed Height	11.5"	
Spindle Bore	2"	
Spindle Taper, Internal	MT #6	
Spindle Mounting System	Camlock, D1-5	
Spindle Speeds	40-1800RPM, 16 Steps	40-1800 RPM Variable, 2 Steps
Bed Length	54"	
Lead Screw Diameter / Pitch	7/8" / 8 TPI	
Feed Rod Diameter	3/4"	
Inch Thread Cutting Range	<u>4-56 TPI, 34 Different Threads</u> List of Threads in TPI: 4, 4-1/2, 5, 5-1/2, 6, 6-1/2, 7, 8, 9, 9-1/2, 10, 11, 11-1/2, 12, 13, 14, 16, 18, 19, 20, 22, 23, 24, 26, 28, 32, 36, 38, 40, 44, 46, 48, 52, 56	
Metric Thread Cutting Range	.4-7mm Pitch	
Longitudinal Feed Range (Left and Right)	.0006-.0159 Inches Per Revolution	
Cross Feed Range (In and Out)	.0003-.0098 Inches Per Revolution	
Spindle Length through headstock, Protruding End to D1-5 Chuck Mounting face	Approx. 16-1/2"	
Spindle Length through headstock, Protruding End to 3 Jaw Chuck face	Approx. 19-1/4"	
Max Carriage Travel, Along Bed Ways	36" W/Taper Attachment and Splash Guard Installed 38-1/2" Without Taper Attachment	
Cross Slide Travel, With Taper Attachment	6-1/4"	
Compound Travel	3-3/4"	
Tail Stock Quill Diameter	1.259"	
Tail Stock Quill Taper	MT #3	
Tail Stock Quill Travel	4"	
Main Motor Horsepower	2HP	
Speed Control Type	Geared Head	2 Speed Geared Head with VFD on motor
Voltage / Phase/ Amps	220 Volts +/- 10%, 1 Phase / 12 Amps Max.	
Max. Dimensions, Assembled (Includes cross slide handles)	51"H x 31"W x 71-1/2"L	
Foot Print (without Handles Included)	71-1/2"L x 24" Front of chip pan to back of splash guard	
Approximate Machine Weight, With Accessories and Base	1800 LBS	