

PM-1440B and PM-1440BV Main Features

- Large 2” Spindle Bore clear through spindle, Best in class for larger diameter work that can pass through the spindle for much easier setup
- Large Morse Taper #4 bore in tail stock, to allow for larger accessories and more gripping power for those tough drilling jobs, yet you can just use a reducing sleeve for smaller Morse Taper accessories
- Power feed on Carriage, and Cross Slide, both left and right, and in and out, for both turning and facing operations with automatic feed. Allows for the best surface finish in all directions.
- 16 Spindle Speeds from 40-1800 RPM (1440B Model), in 16 Steps to perfectly match the speed for the job for increased cutting tool life and better surface finishes
- Variable Spindle Speeds from 40-1800 RPM (1440BV Model) with High and Low, to perfectly match the speed for the job for increased cutting tool life and better surface finishes, without stopping spindle to change speeds
- Solid Cast Iron base, for the ultimate in rigidity and vibration dampening
- Induction Hardened and Precision Ground Bed Ways to resist wear and give a long service life
- All gears and shafts in headstock hardened and precision ground for long life and quiet running
- High quality electronics used throughout machine
- Slip Clutch on feed rod, to help prevent overloading damage of feeds and allow the use of a solid carriage stop for repetitive work
- Precision Tapered Roller Bearings used in spindle, for the ultimate in long life, high precision, and best surface finishes
- Inch AND Metric thread cutting ability is a standard feature, with a full range of all common threads
- True INCH PITCH main lead screw, cross feed, and compound lead screws make it easy to use for the INCH measurement System, yet still has the Metric readings on dials for the ultimate in versatility for any job that may come about
- Splash oil bath lubrication in Headstock, Thread/Feed Gearbox, and Apron, for efficient lubrication, and long life, especially compared to traditional open-non lubricated Thread/Feed Gearbox design, yet simple and reliable, and does not require any filter changes or pump maintenance as with oil pump lubrication systems. Also no risk of losing oil flow to expensive parts as there can be with pump lubricated systems
- Foot Brake, Coolant System, and Work Light included as standard equipment
- Slide out chip tray for easier cleaning
- Long 2 Year Warranty on Parts

Standard Equipment

- 8” 3 Jaw Chuck
- 8” 4 Jaw Chuck
- 12” Face Plate
- 2” Spindle Bore
- Feed Rod Clutch
- Steady Rest
- Follow Rest
- Wrenches For Operation
- Coolant System
- Work Light
- Foot Brake
- Wedge Type Tool Post with 5 Holders
- Reducing Sleeve (For Spindle)
- Tail Stock Dead Center
- Headstock Dead Center
- Live Center
- Drill Chuck 1/2” Capacity (For Tail Stock)
- Cast Iron Base
- Owner's Manual And Parts List
- Variable Frequency Drive - 1440BV Model

Optional Equipment

- Digital Readout
- 5-C Collet Chuck
- 6 Jaw Chuck
- Larger Tail Stock Drill Chuck
- Extra Holders for Quick Change Tool Post
- Taper Attachment
- Leveling Pad Set
- Adjustable 3 Jaw Chucks
- Extended Live Centers