

**From: Quality Machine Tools**  
**701 Parkway View Drive**  
**Pittsburgh, PA 15205**  
**Ph# 412-787-2876**

Date: March 30, 2016

Dear Customer,  
 The following is a quotation for the equipment that you expressed an interest to obtain.  
 Please examine this quote and if you have any questions regarding any part of it, please  
 do not hesitate to ask.

**Model # PM-1440TS / 1440TV**

**High Speed High Precision Gap Bed Lathe**  
**WITH 5 YEAR WARRANTY**

**For Pricing, See Page 3**

**Machine Standard Features and Equipment:**

**PM-1440TS PM-1440TV Main Features**

- Highest Quality Lathe, Made in TAIWAN
- Solid One piece base for extra vibration dampening and rigidity
- Large 1-9/16" Spindle Bore clear through spindle for through-headstock work
- Short Spindle Length, only 17", perfect for gunsmithing work
- 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.
- Induction Hardened and Precision Ground Bed Ways to resist wear and give a long service life
- Fine Grain FC-25 Meehanite Cast Iron, for ultimate stability in castings, and perfect balance of machine rigidity and vibration dampening
- All gears and shafts in headstock hardened and precision ground for long life and extremely quiet running
- Removable Gap is standard, allowing larger diameter work when needed
- 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. Guaranteed Run Out +/- .0001" for ultimate precision
- Inch AND Metric thread cutting ability is a standard feature
- 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, and Apron, for efficient lubrication, and long life, 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
- Only Extremely High Precision Name Brand Spindle Bearings are used, FAG, NSK, NTN, or NACHI
- **Longest in class, 5 Year Warranty**

## **PM-1440TS/1440TV Main Specifications**

Type	Geared Head	Variable Speed
Model	PM-1440TS	PM-1440TV
Max. Swing over bed	14"	14"
Max. Swing over cross slide	8-3/4"	8-3/4"
Max. Swing in gap	20-3/4"	20-3/4"
Center Height	7"	7"
Spindle Center Line Distance from Floor	Approx. 45"	Approx. 45"
Max. Distance Between Centers	40"	
Width of Bed	9"	
Bed Height	11.5"	
Spindle Bore	1-9/16"	
Spindle Taper, Internal	MT #5	
Spindle Mounting System	Cam Lock, D1-4	
Spindle Speeds	50-2000 RPM, 12 Steps	36-2200 RPM, 2 Steps
Bed Length	72"	
Lead Screw Diameter / Pitch	1" / 8 TPI	
Feed Rod Diameter	3/4"	
Inch Thread Cutting Range	4-56 TPI, 32 Different Threads	
Metric Thread Cutting Range	.4-70mm Pitch, 30 Different Threads	
Longitudinal Feed Range (Left and Right)	.0026-.0368 Inches Per Revolution	
Cross Feed Range (In and Out)	.0013-.0184 Inches Per Revolution	
Spindle Length through headstock, Protruding End to D1-4 Chuck Mounting face	17"	
Spindle Length through headstock, Protruding End to 3 Jaw Chuck face (Varies with different model chucks)	Approx. 20-1/2"	
Cross Slide Travel	7"	
Compound Travel	3-3/4"	
Tail Stock Quill Diameter	1-9/16"	
Tail Stock Quill Taper	MT #3	
Tail Stock Quill Travel	4"	
Main Motor Horsepower	5 HP, 3 Phase	5 HP, 1 or 3 phase operation
Voltage / Phase/ Amps	220 Volt, 1 Phase / 13 Amps Max. Or 220 Volt 3 Phase / 13 Amps Max	
Max. Dimensions	54"H x 30"W x 73"L	
Approximate Weight	2400 LBS	2450 LBS

## Pricing

**(Flat Rate of \$599 shipping to anywhere in the USA)**

### Standard Lathe Package

**PM-1440TS \$8399.00    PM-1440TV \$9399.00**

- Complete solid one piece base
- Back Splash Guard
- 4 Way Tool Post
- Tail Stock Dead Center
- Feed Rod Clutch (To prevent overloading and using carriage stops)
- Steady Rest
- Coolant System
- Owners Manual and Parts List
- NTN, NSK, FAG, or NACHI Spindle bearings, with +/- .0001" Max Spindle Runout
- Reducing Sleeve for Headstock Center
- Headstock Dead Center
- Thread Chasing Dial
- Everything Needed for listed Inch and Metric Thread Pitches
- Follow Rest
- Foot Brake
- 5 Year Warranty

### With Preferred Equipment Lathe Package

**PM-1440TS \$8999.00    PM-1440TV \$9999.00**

**Includes everything above, PLUS**

<ul style="list-style-type: none"><li>• 6" High Precision 3 Jaw Chuck (Taiwan Made, High Quality, .0012 or less runout, removable top jaws)</li></ul>	<ul style="list-style-type: none"><li>• Micrometer Carriage Stop</li></ul>
<ul style="list-style-type: none"><li>• 8" High Precision 4 Jaw Chuck (Taiwan made, High Quality)</li></ul>	<ul style="list-style-type: none"><li>• Halogen Work Light</li></ul>
<ul style="list-style-type: none"><li>• 1/2" Drill Chuck with MT3 Arbor and Key (Taiwan Made, High Quality)</li></ul>	<ul style="list-style-type: none"><li>• Precision Live Center, MT#3 (Taiwan Made, High Quality)</li></ul>

### Optional Equipment

10" Face Plate	\$99.00
Quick Change Tool Post Set, WEDGE Type with 5 Holders, Installed	\$199.95
Taper Turning Attachment	\$699.00
4 Position Carriage Stop	\$99.00
5C Collet Chuck (Bison)	\$699.00
5C Lever Type Collet Closer	\$599.00
Installation Charge for above collet closer	\$199.00
Easson 2 axis DRO (ES-8A, High Res .0001 Cross Scale)	\$599.00
Installation charge for above DRO	\$299.00

**Validity:** 30 Days

**Delivery:** TS Model (1) In stock available, TV Model 12 week order

**FOB:**

Sincerely,

[Quality Machine Tools](#) 412-787-2876