



# PBR T-700-C

As an end-user manufacturer, we rely on the PBR T-700-C Engine Lathe for its exceptional precision, rigidity, and ability to handle large workpieces up to 56" in swing and 472" between centers. Engineered for heavy-duty applications in industries such as energy, mining, aerospace, construction, and marine, this lathe provides superior performance, stability, and reliability for demanding turning operations.

## TECHNICAL SPECIFICATIONS

- Swing Over Bed: 56"
- Distance Between Centers: 472"
- Swing Over Cross Slide: 44"
- Spindle Speed Range: 5 - 500 rpm
- Main Motor Power: 50 HP
- Tailstock Quill Diameter: 10"
- Max Workpiece Weight: 25,000 lbs.
- Bed Width: 40"

## WHY THE PBR T-700-C ENGINE LATHE

- Industry-Leading Precision**  
 Delivers smooth and accurate cuts for large-diameter workpieces.
- Heavy-Duty Machining Capacity**  
 Handles 56" swing over the bed and 472" between centers, ideal for long and heavy components.
- Powerful Spindle Drive**  
 Ensures high torque for turning, facing, threading, and boring.
- High-Rigidity Bed & Carriage**  
 Designed to minimize deflection and vibration for long workpieces.
- Versatile Machining Capabilities**  
 Supports various cutting operations, including taper turning, threading, and grooving.
- Large Spindle Bore**  
 Enables machining of oversized shafts and pipe components.