

25" American Beauty Woodturning Lathe



- Sliding headstock with dual lock-downs
- Stainless steel ways on rigid structural steel bed
- Adjustable spindle height
- 48-position indexing handwheel
- US made Leeson variable speed motor
- Magnetic backed controls with spindle lock interlock
- Spindle lock with electronic interlock
- Optional Tilt Away™ tailstock solution
- Seven year mechanical parts warranty includes headstock bearings
- Best in class ergonomics and access to work

General

Model	American Beauty
Overall Size	Appr. 58" high x 62" long x 30" deep
Swing	25" in over ways
Center Distance	28" standard. 52" with 24" bed extension
Center Height	Adjustable from 41" to 50"
Weight	Appr. 628 lbs. without Tilt Away Appr. 680 lbs. with Tilt Away
Includes	Faceplate; spur drive center; live center; 12" comfort toolrest; knock-out rod; headstock wrench; operator's manual
Options	Tilt Away; gas shock assist for Tilt Away; Quick release headstock; Outboard turning attachment; Vacuum adapter; Caster kit; 24" bed extension; 4, 6, 9 & 15" Comfort toolrests, Curved toolrests, Bowl steady rest; 110 volt E-box; Tool Caddy; Ruler in quill; Remote off foot switch

Bed

Lathe Bed	Fully welded structural steel provides mass and rigidity Diamond shaped cross section and high way placement allows shavings to fall cleanly away
Ways	304L Stainless Steel is standard
Tool Post Size	1" diameter

Headstock

Spindle	1-1/4" x 8 TPI Pre-hardened aircraft grade 4140 Chrome Moly Steel
Bore	#2 Morse Taper with thru-hole for vacuum
Positioning	Sliding headstock can be positioned anywhere along bed. Dual manual lock-downs. Optional quick release
Indexing	48 position indexing in the standard handwheel
Spindle Lock	For added safety, engaging the spindle lock disconnects motor
Spindle Bearings	Heavy duty 6300 series ball bearings rated over 10,000 lb dynamic load

Tailstock

#2 Morse Taper standard
#3 Morse Taper optional
17/64" through hole
Quill travels 4"

Motor and Drive

Motor	US made Leeson premium industrial motor, 2 or 3 HP. Totally enclosed, fan cooled
Drive	Vector style variable frequency drive with constant torque and auto-tune
Pulley and Speed Range	Three-step polygroove pulley provides high torque over multiple speed ranges: 50-800, 100-1800, and 150-2800 RPM
Controls	Variable Speed, Forward, Reverse, Stop, Emergency Stop
Voltage	220 VAC, single phase, 50 or 60 Hz



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