

# 25" American Beauty Woodturning Lathe



- Sliding headstock with dual lock-downs
- Stainless steel ways on rigid structural steel bed
- Optional Tilt Away™ tailstock attachment gets tailstock completely out of the way
- Adjustable spindle height
- 48-position indexing handwheel
- US made Leeson variable speed motor
- Magnetic back controls locate almost anywhere
- Spindle lock also disconnects controls
- Seven year mechanical parts warranty includes heavy duty bearings
- Best in class ergonomics and access to work

## General

Model	American Beauty
Overall Size	Apr. 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	Apr. 628 lbs. without Tilt Away Apr. 680 lbs. with Tilt Away
Comes With	Faceplate; spur drive center; live center; 12" comfort toolrest; knock-out rod; operator's manual
Options	Tilt Away; gas shock assist for Tilt Away; Outboard turning attachment; Vacuum adapter; Caster kit; 24" bed extension; 4, 6, 9, 12 & 15" Low Profile and Comfort toolrests, Curved and J-Style 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 stiffness
	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 Thread	1-1/4 x 8 TPI prehardened 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 incorporated into standard handwheel
Spindle Lock	For added safety, engaging the spindle lock disconnects on switch
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  
Self ejecting quill travels 4"

## Motor and Drive

Motor	US made Leeson 2 or 3 HP. 1740 RPM, AC Totally enclosed, fan cooled.
Drive	Vector style variable frequency drive with auto-tune
Pulley and Speed Range	Two-step polygroove pulley provides high torque over multiple speed ranges: 50-1800, and 150-3000 RPM
Controls	<b>Variable Speed</b> with Forward, Reverse, Stop. Emergency Stop
Voltage	220 VAC, single phase, 50 or 60 Hz



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