

# 25" American Beauty Woodturning Lathe



- 25 in. swing, 28" between centers
- Stainless steel ways are standard
- Sliding headstock with dual lock-downs
- Adjustable legs
- Oversized spindle bearings
- 48-position indexing handwheel
- Rigid structural steel bed
- US made Leeson variable speed motor
- Magnetic back controls
- Optional Tilt Away (shown)
- Seven year warranty includes bearings
- Outstanding ergonomics

## General

Model	25x28 American Beauty
Overall Size	58 x 62 x 30 in. (147.3 x 157.5 x 76.2 cm)
Weight	Apr. 628 lb (285 kg) without Tilt Away, Apr. 680 lbs. with Tilt Away
Swing	25 in. (63.5 cm)
Center Distance	28 in. (71.1 cm) - 24" bed extensions available.
Standard Accessories	4 in. faceplate; #2 Morse taper spur drive center; live center; 12 in. comfort toolrest; knock-out rod; operator's manual, leveling pads
Available Accessories	Tilt Away; outboard turning attachment; vacuum adapter; caster kits; 24 in. bed extensions; 4, 6, 9 & 12 in. Comfort toolrests, curved internal and external toolrests, bowl steady rest
Center Height	Adjustable from 40.75 to 50.0 in. (106 to 127 cm)

## Bed

Lathe Bed	Diamond-shaped cross-section 3/8 in. (9.5 mm) thick structural steel provides mass and stiffness 11 in. (27.9 cm) corner to corner
Ways	304L Stainless Steel 1/2 x 2-1/2 in. (12.7 x 63.5 mm)
Tool Post Size	1 in. diameter standard

## Headstock

Spindle Thread	1-1/4 x 8 TPI prehardened aircraft grade 4140 chrome moly steel.
Bore	#2 Morse Taper
Positioning	Sliding headstock can be positioned anywhere along bed, features dual lock-downs
Indexing	48 position indexing incorporated into 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 (4550 kg) dynamic load each

## Tailstock

Bore	#2 Morse Taper standard #3 Morse Taper optional bored with through hole
Travel	Quill travels 4 in. (101.6 mm)

## Motor and Drive

Motor	Leeson 2 or 3 HP. 1750 RPM, AC Totally enclosed, fan cooled, with C-Face mount
Drive	Open Loop Vector Variable frequency drive
Pulley and Speed Range	Three-step polygroove pulley provides high torque over multiple speed ranges: 50-800, 100-1800, and 150-2800 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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