

American Beauty 25" Sliding Headstock 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
- Industrial grade Leeson variable speed motor
- Magnetic back controls locate almost anywhere
- Spindle lock also disconnects controls
- Seven year "head to tail" warranty includes everything, even the heavy duty bearings
- Best in class ergonomics and access to work

Overview

Models	American Beauty Std. and Long Bed
Overall Size	Apr. 58" high x 62" long x 30" deep Add 24" length for long bed
Swing	25" in over ways, 20" over banjo
Center Distance	28" Standard Bed. 52" Long Bed
Center Height	Adjustable from 42" to 49"
Weight	Std. Bed: Approximately 630 lbs. Long. Bed: Approximately 730 lbs. Add 60 lbs. with Tilt Away
Comes With	Robust live center; Cup style drive center; Faceplate; 12" Comfort toolrest; knock-out rod; manual
Options	Standard or Long Bed; Tilt Away; Gas shock assist for Tilt Away; Outboard turning attachment; Vacuum adapter; Caster kit; 16" Bed Extension; 3, 4, 6, 9, 12 & 15" Toolrests, Curved and J-Style toolrests, Steady rest; 110 volt E-box; Tool Caddy; Remote foot off switch; Metric Spindle, Lamp set
Tool Post Size	1" Diameter

Bed Construction

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	304 L Stainless Steel

Headstock & Spindle

Spindle Thread	1-1/4 x 8 TPI prehardened aircraft grade 4140 chrome moly steel. 33 x 3.5 Metric Optional
Bore	#2 Morse Taper with thru-hole for vacuum
Positioning	Sliding headstock can be positioned anywhere along bed. Dual lock-downs with quick release lever
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 optional
3/8" through hole
Self ejecting quill travels 4"
Graduated in inches

Motor and Drive

Motor	Industrial grade 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: 50-1500, and 100-3000 RPM
Controls	Variable Speed with Forward, Reverse, Stop & Emergency Stop
Voltage	220 VAC, single phase, 50 or 60 Hz



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