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

<table>
<thead>
<tr>
<th>Models</th>
<th>American Beauty Std. and Long Bed</th>
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<tbody>
<tr>
<td>Overall Size</td>
<td>Apr. 58” high x 62” long x 30” deep Add 24” length for long bed</td>
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<tr>
<td>Swing</td>
<td>25” in over ways, 20” over banjo</td>
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<tr>
<td>Center Distance</td>
<td>28” Standard Bed. 52” Long Bed</td>
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<tr>
<td>Center Height</td>
<td>Adjustable from 42” to 49”</td>
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<td>Comes With</td>
<td>Robust live center; Cup style drive center; Faceplate; 12” Comfort toolrest; knock-out rod; manual</td>
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<td>Options</td>
<td>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 &amp; 15” Toolrests, Curved and J-Style toolrests, Steady rest; 110 volt E-box; Tool Caddy; Remote foot off switch; Metric Spindle, Lamp set</td>
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<tr>
<td>Tool Post Size</td>
<td>1” Diameter</td>
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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             | 1-1/4 x 8 TPI prehardened aircraft grade 4140 chrome moly steel. 33 x 3.5 Metric Optional |
| Thread              | #2 Morse Taper with thru-hole for vacuum |
| 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    | Two-step polygroove pulley provides high torque over multiple speed ranges: 50-1500, and 100-3000 RPM |
| Range               | Variable Speed with Forward, Reverse, Stop & Emergency Stop |
| Controls            | Voltage 220 VAC, single phase, 50 or 60 Hz |

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