

# American Beauty

Product

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Product



**OVERVIEW:** The American Beauty lathe has a sliding headstock, stainless steel ways and industrial grade motor and controls. It can be purchased with a 2 or 3HP motor in 220 volt only. Variable speed, forward and reverse are standard.



# American Beauty

\$ 37.00 – \$ 7,595.00



AB Standard Bed 2HP (220 volt) quantity <input type="checkbox"/>	AB Standard Bed 2HP (220 volt)	\$ 6,995.00
AB Long Bed 2HP (220 volt) quantity <input type="checkbox"/>	AB Long Bed 2HP (220 volt)	\$ 7,595.00

3 HP Upgrade (220 volt) quantity <input type="checkbox"/>	3 HP Upgrade (220 volt)	\$ 330.00
Tilt-Away quantity <input type="checkbox"/>	Tilt-Away	\$ 850.00
Gas shock assist for Tilt Away quantity <input type="checkbox"/>	Gas shock assist for Tilt Away	\$ 149.00
Outboard Turning Attachment quantity <input type="checkbox"/>	Outboard Turning Attachment	\$ 685.00
16" Bed Extension quantity <input type="checkbox"/>	16" Bed Extension	\$ 595.00
Tool Caddy quantity <input type="checkbox"/>	Tool Caddy	\$ 49.00
Extra Banjo quantity <input type="checkbox"/>	Extra Banjo	\$ 395.00
Caster Kit quantity <input type="checkbox"/>	Caster Kit	\$ 395.00
Vacuum Adapter quantity <input type="checkbox"/>	Vacuum Adapter	\$ 109.00
Auxiliary four outlet 110V E-box (AB) quantity <input type="checkbox"/>	Auxiliary four outlet 110V E-box (AB)	\$ 55.00
Remote foot "OFF" switch quantity <input type="checkbox"/>	Remote foot "OFF" switch	\$ 129.00
Lathe mounted lamp set quantity <input type="checkbox"/>	Lathe mounted lamp set	\$ 159.00
Extra fixture for Lamp Set quantity <input type="checkbox"/>	Extra fixture for Lamp Set	\$ 69.00
25 inch Steady Rest quantity <input type="checkbox"/>	25 inch Steady Rest	\$ 645.00
33 x 3.5 Metric Spindle quantity <input type="checkbox"/>	33 x 3.5 Metric Spindle	\$ 165.00
#3 instead of #2 MT Tailstock quantity <input type="checkbox"/>	#3 instead of #2 MT Tailstock	\$ 75.00
Headstock Limit Switch Disconnect quantity <input type="checkbox"/>	Headstock Limit Switch Disconnect	\$ 37.00

Add Selected Items To Cart

SKU: American Beauty Categories: American Beauty, Lathes

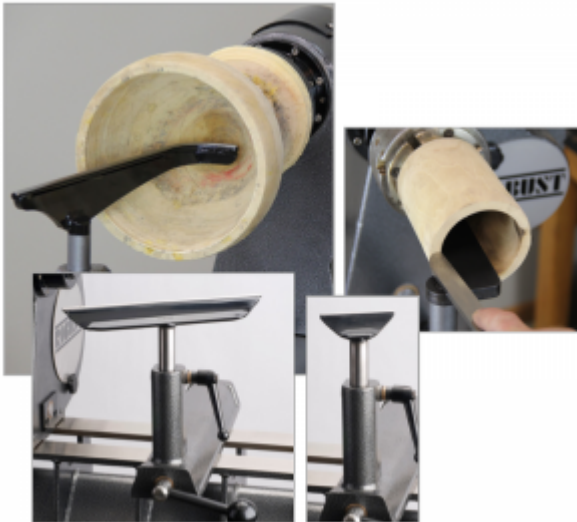
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## For Most 18 – 25” Lathes with 1” diameter post

\$ 44.00 – \$ 98.00



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# Sweet 16 Short Bed 1.5 HP (110 or 220 volt)

\$ 6,595.00



Our shortest lathe, the S16 Short Bed is great for folks with tight shop space and for those who want to stand at the end of the lathe and do hollowing.

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# Scout Lathe 1.0 HP (110 or 220 volt)

\$ 3,895.00



The basic Scout lathe with 1.0 HP motor, wired to your choice of 110 or 220 volt. Does not include the Universal Stand. Set on a 30" tall

bench, the spindle will be 45" from the floor.

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- Quick view

## Scout

\$ 52.00 – \$ 3,895.00



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## AB Standard Bed 2HP (220 volt)

\$ 6,995.00



Our most popular lathe, the AB Standard is perfect for bowl, vessels, boxes and spindle work up to 28" (34" with optional Tilt-Away). 25" swing capacity. Price does not include the Tilt-Away or other popular options like the 3HP motor.

Add to cartDetails

#### AB Detail Info

**OVERVIEW:** The American Beauty lathe has a sliding headstock, stainless steel ways and industrial grade motor and controls. It can be purchased with a 2 or 3HP motor in 220 volt only. Variable speed, forward and reverse are standard.

**ADJUSTABLE HEIGHT:** The American Beauty adjusts to fit you. Each leg is made from 3 x 3 square steel tubing and adjusts independently. The apron that holds the leg is made from 7ga. steel. There are lips in the aprons where you can put a shelf to hold tools or add more weight.



Graduated Quill





AB SS 1



AB SS 2



AB SS 3



AB SS 4 Tilt Gif



AB SS 5



AB SS 6



AB SS 7





AB SS 8



AB SS 9

**POWER TO SPARE:** Low end torque is ensured by the vector style motor drive with auto tune. The motor drive (aka: “VFD” or “Inverter”) is housed below the lathe in the leg assembly, protected and out of the dust. Motors are either Baldor or Leeson. Either motor is high-efficiency and industrial-grade. Both are made in the USA. In addition, there are two belt ranges: high speed and high torque.

**CONTROL:** The corded pendant controller is fitted with two rare earth magnets and can be moved anywhere along the lathe bed, on the leg assembly, tailstock, banjo or on the headstock. You can start and stop the lathe, change direction and change speed all with this unit.

**BEARINGS:** We use heavy duty 6300 series on the American Beauty which carry 40% more dynamic load than the bearings the competition uses on their big lathes. Because of this, we are the only lathe manufacturer to warrant the headstock bearings, AND to warrant them for a full seven years. That's two years longer than any other major lathe manufacturer warrants anything.

**SPINDLE:** Spindles are machined from pre-hardened and stress relieved 4140 Chrome Moly alloy steel. The bearing journals are precision ground to within 0.0003". We also use the universal standard spindle nose size for larger lathes: 1 1/4" – 8 TPI, so that a great variety of chucks, faceplates and other accessories will fit. A metric spindle threaded 33 x 3.5 is also available.

Recognizing the need to turn in reverse occasionally, especially for sanding, our spindles incorporate a safety groove for a set screw. Locking the spindle disconnects the controls, so no more burnt belts if you try to start the lathe with the spindle lock engaged.

**HEADSTOCK AND TAILSTOCK:** The headstock is relieved in front, allowing great access to the back of the work. Both the headstock and tailstock are formed from cast iron in a US foundry and then precision CNC machined to exacting tolerances. To move them, lift the large lever, slide to the new position, and push down on the lever to lock it in place. To ensure alignment, push them against the back way when you lock the down. This way the tenon underneath makes firm contact and lines up the centers.

**INDEXING:** 48 position indexing is standard and accessed from inside the headstock.

**BED CONSTRUCTION:** All Robust lathes come with stainless steel ways standard. We use 3/8" thick structural steel tubing on the American Beauty. The bed is a square tube set on the diamond – that lets the chips fall away much better than a round bed or a cast bed with reinforcing ribs. Bed extensions are constructed of the same heavy materials.

**TILT-AWAY:** The optional American Beauty Tilt-Away gets the tailstock completely out of the way and allows you to quickly and easily bring it back into position. Add a gas shock and make re positioning the tailstock a one finger operation. Learn more about the patented Tilt-Away by clicking on the tab at the top

### **Standard Features:**

Sliding Headstock

Stainless Steel Ways

25" Inboard Capacity, 60" Outboard

Adjustable Spindle Height

Corded Pendant Controller

2 or 3 HP 220 volt US Made Motor

Premium Vector Drive with Auto-Tune

Variable Speed, Forward/Reverse

Graduated Quill

### **Popular Options:**

Three Horsepower Motor and Drive

Tilt Away

Tilt Away Gas Shock Assist

Long Bed

Outboard Turning Attachment

110 volt outlet

Vacuum Adapter

Caster Kit

Tool Caddy

Bed Extension

**The American Beauty is featured in David Ellsworth's recent book, "*Ellsworth on Woodturning*"**

AB Dimensions

AB\_Dimensions

AB Spec Sheet

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AB Videos

**American Beauty Product Video**