

# Sweet 16 Woodturning Lathe

Converts to any of these three configurations in under a minute!



Above: Standard bed Sweet 16 as a normal 16" x 26" lathe.



Above: Remove the gap bed and re-position it on the headstock to convert the Sweet 16 into a 32" bowl lathe.



The gap bed can also be positioned at the end of the bed, converting the Sweet 16 into a long-bed spindle lathe.

General	
Model	<b>Sweet 16</b>
Weight	450 lbs. Short Bed, 460 lbs. Standard Bed, 480 lbs. Long Bed
Swing	16" normal configuration 32" with gap bed removed
Center Distance	Short: 16", 30" with gap as extension Standard: 26", 40" with gap as extension Long: 38", 52" with gap as extension
Spindle Height	Adjustable from 42" to 49"
Comes With	Faceplate; Spur drive; Live center; 12 in. toolrest; knock-out rod; manual; tailstock quill extension
Options	Short, Standard or Long Bed; Vacuum adapter; Caster kit; 4, 6, 9, 12 and 15" Toolrests; Curved tool rests, Tailstock/tool hanger; Bowl steady rest; 110 volt E-box; Ruler in quill; Remote off foot switch; Bed Extension
Ways	304L Stainless Steel
Warranty	Seven year mechanical parts warranty includes headstock bearings
Headstock	
Spindle	1-1/4" x 8 TPI pre-hardened aircraft grade 4140 chrome moly steel
Bore	#2 Morse Taper with thru-hole for vacuum
Indexing	48 position indexing
Spindle Lock	For added safety, engaging the spindle lock disconnects on switch
Spindle Bearings	Heavy duty ball bearings each rated over 6,800 lb dynamic load
Tailstock	
	#2 Morse Taper 17/64" through hole Self ejecting quill travels 3.5"
Drive	
Motor	US made Leeson 1.5 or 2 HP. 1740 RPM, AC Totally enclosed, fan cooled.
Drive	Vector style variable frequency drive with constant torque and auto-tune
Speed Range	60- 2900 RPM – single pulley design
Controls	Variable Speed, Forward, Reverse, Stop. Emergency Stop
Voltage	1.5HP available in 110 or 220 VAC, 2HP in 220 VAC only. Single phase, 50 or 60 Hz.