

Sweet 16 Woodturning Lathe

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



Above: Short bed Sweet 16 as a normal 16" x 26" lathe (long bed is 16" x 38").



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	Sweet 16
Weight	480 lbs. Short Bed, 500 lbs. Long Bed
Swing	16" normal configuration 32" with gap bed removed
Center Distance	Short Bed: 26", 40" with gap as extension Long Bed: 38", 52" with gap as extension
Center Height	Adjustable from 42" to 49"
Comes With	Faceplate; Spur drive; Live center; 12 in. comfort toolrest; knock-out rod; operator's manual; tailstock quill extension
Options	Long or Short Bed; Vacuum adapter; Caster kit; 4, 6, 9, 12 and 15" Comfort Toolrests; Curved tool rests, Tailstock/tool hanger; Bowl steady rest; 110 volt E-box; Ruler in quill; Remote off foot switch
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 in handwheel
Spindle Lock	For added safety, engaging the spindle lock disconnects motor
Spindle Bearings	Heavy duty ball bearings each rated over 6,800 lb dynamic load

Tailstock

#2 Morse Taper
17/64" through hole
Quill travels 3.5"

Drive

Motor	US made Leeson premium industrial motor, 1.5 or 2 HP. 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	220 VAC, single phase, 50 or 60 Hz



Robust Tools, LLC
www.turnrobust.com

Toll Free US: 866-630-1122
International calls: 608-437-4748
Email: info@turnrobust.com