

16" Liberty Woodturning Lathe



- Available as a bench lathe or with legs (as shown)
- Sliding headstock
- Stainless steel ways on rigid formed steel bed
- Optional Tilt Away™ tailstock attachment gets tailstock completely out of the way
- Adjustable spindle height
- 48-position indexing
- US made Leeson variable speed motor
- Magnetic back controls locate almost anywhere
- Spindle lock also disconnects controls
- Seven year mechanical parts warranty includes heavy duty bearings
- Best in class ergonomics and access to work

General

Model	Liberty
Overall Size	Apr. 58" high x 62" long x 30" deep
Swing	16" in over ways
Center Distance	28" standard. 44" with 16" bed extension
Center Height	Adjustable from 41" to 50"
Weight	Apr. 320 as a bench lathe, Apr. 390 lbs. with leg set. With leg set and Tilt Away apr. 410 lbs.
Comes With	Faceplate; spur drive center; live center; 12" comfort toolrest; knock-out rod; operator's manual
Options	Tilt Away; Outboard turning attachment; Vacuum adapter; Caster kit; 16" bed extension; 4, 6, 9, 12 & 15" Comfort toolrests, Curved toolrests, Bowl steady rest; 110 volt E-box; Tailstock/tool hanger; Ruler in quill; Remote off foot switch

Bed

Lathe Bed	Fully welded structural steel provides mass and stiffness
	Pyramid shaped cross section and high way placement allows shavings to fall cleanly away
Ways	304L Stainless Steel is standard
Tool Post Size	1" diameter

Headstock

Spindle Thread	1-1/4 x 8 TPI prehardened aircraft grade 4140 chrome moly steel
Bore	#2 Morse Taper with thru-hole for vacuum
Positioning	Sliding headstock can be positioned anywhere along bed
Indexing	48 position indexing is standard
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 standard
17/64" through hole
Self ejecting quill travels 3.5"

Motor and Drive

Motor	US made Leeson 1.5 or 2 HP. 1740 RPM, AC Totally enclosed, fan cooled.
Drive	Vector style variable frequency drive with auto-tune
Speed Range	60- 2900 RPM – single pulley design
Controls	Variable Speed with Forward, Reverse, Stop. Emergency Stop
Voltage	1.5HP available in 110 or 220 VAC, single phase, 50 or 60 Hz. 2HP in 220 VAC only

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