

SCOUT 14" Bench Lathe



- 14" Bench Lathe shown with optional **Universal Stand**. Adjustable for standing or sitting
- Single pulley design = great torque and range
- Stainless steel ways on rigid formed steel bed
- Digital RPM readout
- Stop bar runs length of bed
- 20" outboard capacity with optional extension
- 24-position indexing
- 1.0 or 1.5 HP, US made Leeson motor
- US made inverter gives variable speed, forward and reverse
- Spindle lock also disconnects controls
- Seven year "head to tail" warranty includes everything, even the spindle bearings

General

Model	Robust Scout – bench top lathe
Swing	14" over ways, 20" outboard with optional extension.
Center Distance	26" standard. 42" with bed extension.
Spindle Height	See Universal Stand section.
Weight	Apr. 150 as a bench lathe, Apr. 230 lbs. with leg set.
Comes With	Faceplate; Cup style drive center; Robust live center; 12" toolrest; knock-out rod; operator's manual.
Options	Universal Stand ; 1.5 HP; Lamp Set Bed extension outboard attachment; Vacuum adapter; Steady rest.

Bed Construction

Ways	Standard stainless steel ways
Lathe Bed	Pyramid bed profile allows shavings to fall cleanly away.

Universal Stand (Optional)

Standing Range	The Universal Stand can be adjusted to accommodate seated or standing turning: 36-49" spindle height.
Seated Range	The lathe can be tipped forward up to 30° for better seated ergonomics.
Tool Racks	Built-in on the ends and across the center cross brace.
Casters	Optional casters can be fitted.

Headstock

Spindle	1-1/4 x 8 TPI prehardened aircraft grade 4140 chrome moly steel. Right hand threads inboard, left hand threads outboard.
Bore	#2 Morse Taper with thru-hole for vacuum.
Indexing	24 positions. Handwheel standard.
Spindle Lock	For added safety, engaging the spindle lock disconnects on switch.
Spindle Bearings	Heavy duty ball bearings each rated over 4,000 lb. dynamic load.

Motor and Controls

Motor	US made Leeson 1.0 or 1.5 HP AC.
Inverter	US made Vector style variable frequency drive with auto-tune.
Speed Range	60- 2900 RPM – single pulley design.
Controls	Variable Speed with Forward, Reverse, Stop.
Stop Bar	Stop Bar runs length of lathe bed.
RPM Readout	Digital RPM readout is standard
Voltage	Single phase input, 50 or 60 Hz, 110 or 220 VAC.

Tailstock

Taper and Travel	#2 Morse Taper - 3/8" through hole. 3" travel. Graduated in inches.
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