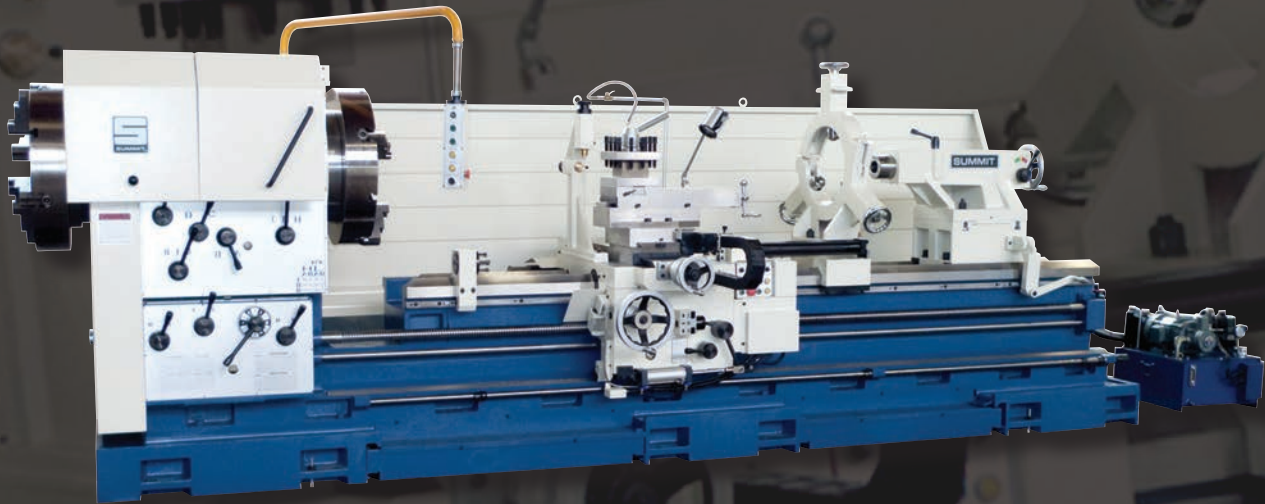


SUMMIT
MACHINE TOOL
MANUFACTURING



HOLLOW SPINDLE & OIL COUNTRY LATHES

42" Swing 6" to 14" Spindle Bore

Designed to provide the precision and rugged reliability required for today's demanding applications, we are proud to offer the newly redesigned **Summit®** 42" Series Hollow Spindle Oil Country Lathes.

The "Oil Country" lathes are available in center distances from 80" to 360" with spindle bores from 6.1" to 14.1" to cover a wide range of work pieces and feature castings that are heavily ribbed for rigidity and vibration dampening. The headstock is designed with straight cut final drive gears to provide quiet and efficient operation through the full range of spindle speeds. The extra wide (22") bed ways are hardened and precision ground to provide high accuracy and long life and the bed is constructed from high-grade alloyed cast iron, normalized and aged to achieve maximum stability. An additional third way is provided on the front of the bed to provide additional support to the carriage to prevent deflection even in the heaviest cuts.

The Hollow Spindle Oil Country also come equipped with a steady rest and follow rest, apron and pendant controls, a hydraulic semi-automatic threading device (option on 42-6), hardened and precision ground bed ways and many more included features and accessories.

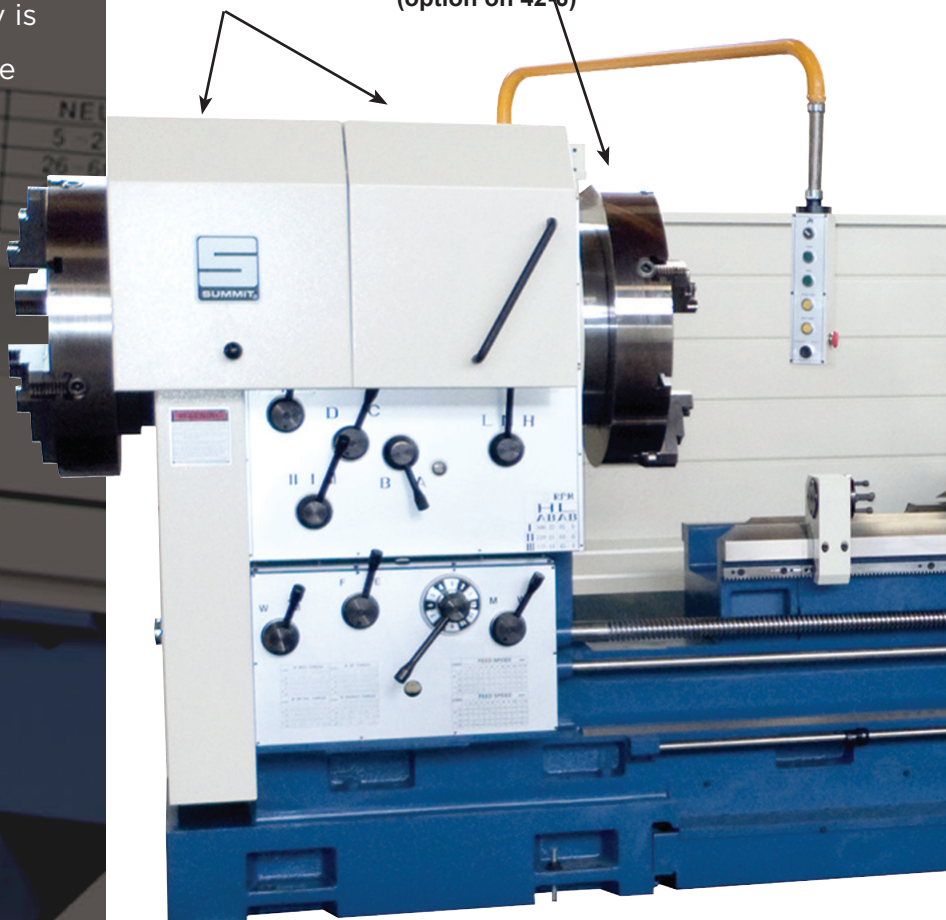
HOLLOW SPINDLE & OIL COUNTRY LATHES



Heavy Duty Carriage with Air Kick Out Device (option on 42-6)

Sliding chuck guards

Front and rear heavy duty 4 jaw chucks
(option on 42-6)



**Front and rear
4 jaw chuck
(option on 42-6)**

- Heavy duty steel body
- Spindle bores up to 14"
- Sliding chuck guards



INCLUDED ACCESSORIES

- Front & rear 4 jaw chucks (option on 42-6)
- Steady rest
- Follow rest
- Full length splash guard
- Chuck guards
- Halogen work light
- Taper attachment
- Coolant system
- Thread dial

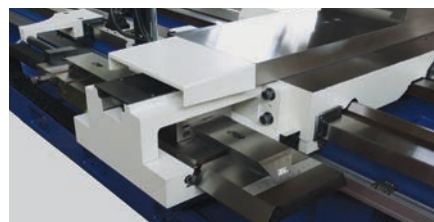
STANDARD FEATURES

- Quick change gear box will cut inch and metric threads
- Hardened & precision ground extra wide bed ways
- 4 way rapid traverse
- Removable gap
- Air kick out for semi-automatic threading (option on 42-6)
- Two speed tailstock

OPTIONS

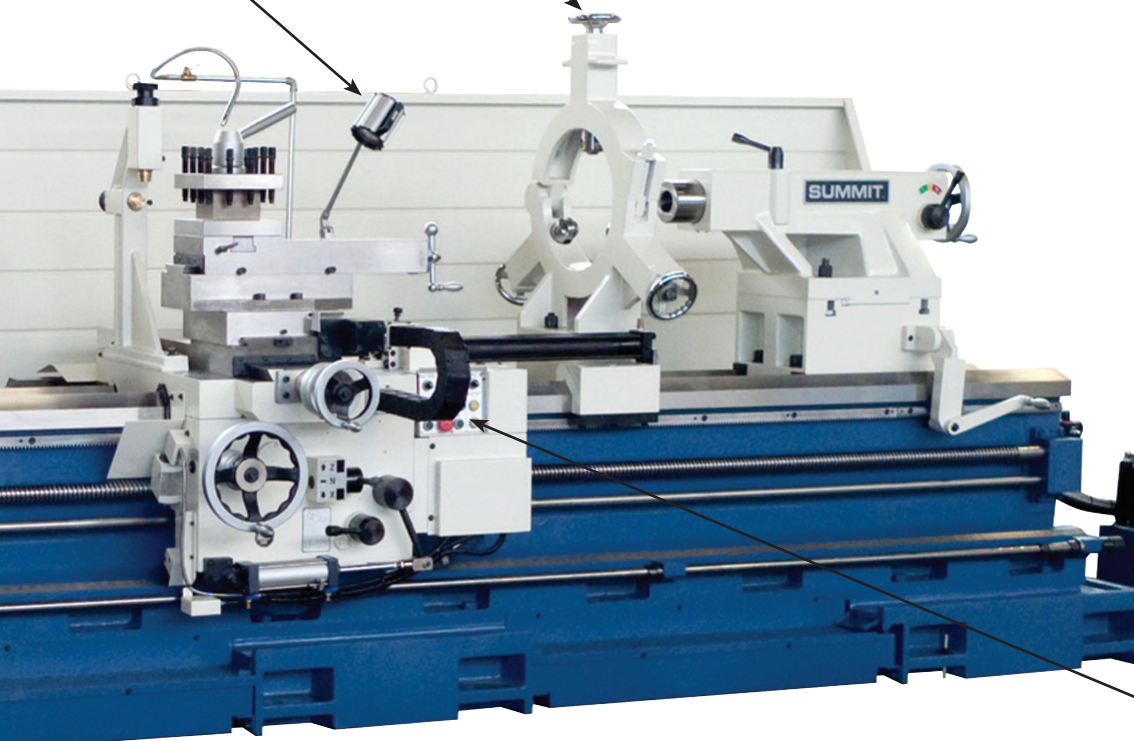
- Quick change tool post with holders
- Electronic digital readouts
- Wide range of workholding devices
- 40 HP main motor

**Roller tipped
steady rest**

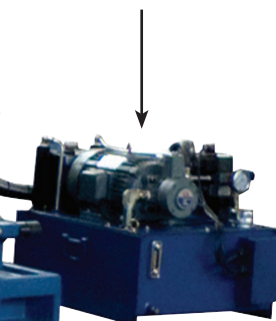


**Extended Length Taper
Attachment included**

**Work
light**



**Independent
hydraulic unit**



**Air/hydraulic
semi-automatic
threading
device
(option on 42-6)**

DIMENSIONS AND SPECIFICATIONS

Hollow Spindle & Oil Country Lathes



HOLLOW SPINDLE LATHES

SPECIFICATIONS

CAPACITIES

	42-6	42-9	42-12 Inch/Metric	42-14
Swing over bed			41.7"/1,060 mm	
Swing over cross slide			29.5"/750 mm	
Swing in gap			63.4"/1,610 mm	
Width of gap			22.4"/570 mm	

WORKPIECE WEIGHTS

At the headstock			5,700 lbs./2,600 kg	
Between centers			9,900 lbs./4,500 kg	
Between centers w/one steady rest			14,300 lbs./6,500 kg	
Between centers w/two steady rests			15,000 lbs./6,800 kg	

HEADSTOCK

Spindle bore	6.1"	9"	12.2"	14.1"
Spindle nose	A2-11	A2-15	A2-20	A2-20
Spindle speeds: Number			12	
Spindle speeds: Range	9-600	6-400	4-300	3-200

CARRIAGE

Cross slide travel			21.3"/540 mm	
Compound travel			11.8"/300 mm	
Bed width			22"/560 mm	
Leadscrew			2 TPI	

GEARBOX

Longitudinal feeds: (no.) range			(48) .005 - .075 IPR	
Cross feeds: (no.) range			(48) .0025 - .0378 IPR	
Threads per inch: (no.) range			(48) 1 - 16 TPI	
Metric threads: (no.) range			(48) 2 - 30	

TAILSTOCK

Quill diameter			4.9"/125 mm	
Quill travel			11.8"/300 mm	
Quill taper			MT #6	

MISCELLANEOUS

Steady rest			5.9" - 14.9"/150 - 380 mm	
Main motor power			30 HP/22 kw	

DIMENSIONS & WEIGHTS

80" centers	174"x63"x93"	4,400/1,600/2,630 mm
120" centers	213"x63"x93"	5,400/1,600/2,360 mm
160" centers	252"x63"x93"	6,400/1,600/2,360 mm
200" centers	292"x63"x93"	7,400/1,600/2,360 mm
240" centers	331"x63"x93"	8,400/1,600/2,360 mm
280" centers	371"x63"x93"	9,400/1,600/2,360 mm
320" centers	410"x63"x93"	10,400/1,600/2,360 mm
360" centers	449"x63"x93"	11,400/1,600/2,360 mm

WARRANTY: A copy of Summit Machine Tool Manufacturing L.L.C.'s standard written warranty is attached to each Summit Machine. Call or write to Summit for a copy or for further information concerning Summit's standard warranty. All purchases are subject to Summit's standard written warranty. Specifications are subject to change without notice.

POINT OF OPERATION guarding is the responsibility of the end user. For information contact your local OSHA office.

SUMMIT MACHINE TOOL MANUFACTURING, L.L.C.

P.O. Box 1402 • Oklahoma City, OK 73101
405.235.2075 • FAX 405.232.5169

A Subsidiary of LSB Industries, Inc.



FOR MORE INFORMATION CALL **1-800-654-3262**
WWW.SUMMITMACHINETOOL.COM