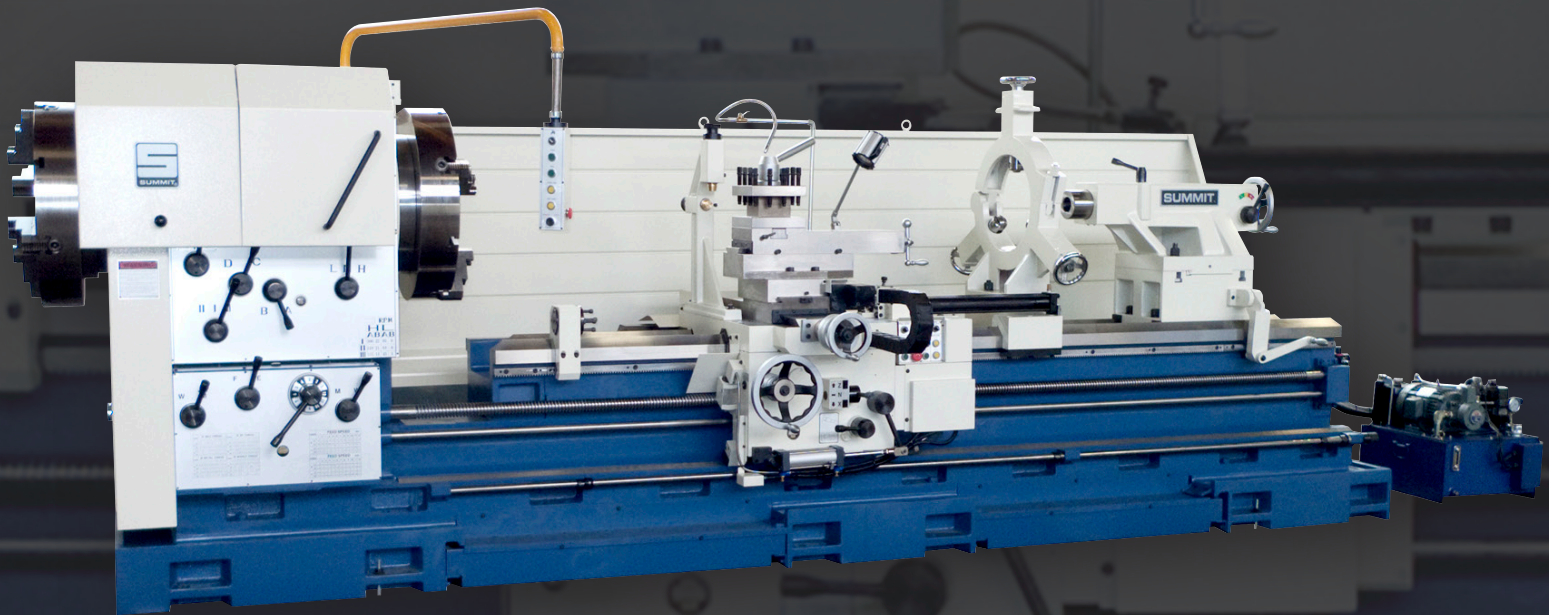


**SUMMIT**  
MACHINE TOOL LLC



# HOLLOW SPINDLE & OIL COUNTRY LATHES

42" SWING - 6" TO 14" SPINDLE BORE

# SUMMIT HOLLOW SPINDLE & OIL COUNTRY LATHES

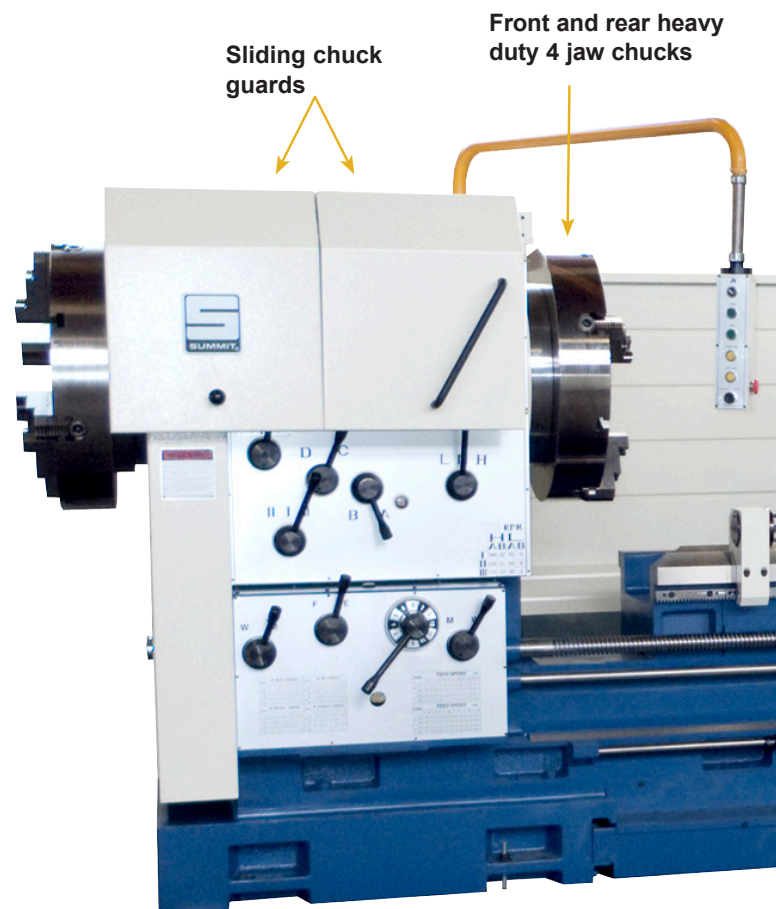
Designed to provide the precision and rugged reliability required for today's demanding applications, we are proud to offer the newly redesigned **Summit®** 42" Series Hollow Spindle Oil Country Lathes.

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 lathes also come equipped with a steady rest and follow rest, apron and pendant controls, a hydraulic semi-automatic threading device, hardened and precision ground bed ways, and many more included features and accessories.



Heavy Duty Carriage with Air Kick Out Device

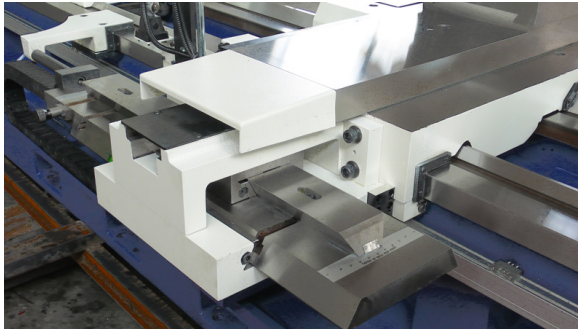


### Front and rear 4 jaw chuck

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



### Extended Length Taper Attachment Included



## INCLUDED ACCESSORIES

- Front & rear 4 jaw chucks
- 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 bed ways
- 4-way rapid traverse
- Removable gap (80", 120" & 160")
- Air kick out for semi-automatic threading
- Two speed tailstock

## OPTIONS

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

Work light

Roller-tipped steady rest



Independent hydraulic unit

Air/hydraulic semi-automatic threading device

# DIMENSIONS AND SPECIFICATIONS

## HOLLOW SPINDLE & OIL COUNTRY LATHES



HOLLOW SPINDLE LATHES		MODELS			
SPECIFICATIONS	42-6	42-9	42-12	42-14	
<b>CAPACITIES</b>		<b>INCH / METRIC</b>			
Swing over bed	41.7" / 1,060mm				
Swing over cross slide	29.5" / 750mm				
Swing in gap	63.4" / 1,610mm				
Width of gap	22.4" / 570mm				
<b>WORKPIECE WEIGHTS</b>					
At the headstock	5,500 lbs. / 2,900 kg				
Between centers	22,000 lbs. / 11,000 kg				
Between centers with one steady rest	27,500 lbs. / 12,500 kg				
Between centers with two steady rests	33,000 lbs. / 15,000 kg				
<b>HEADSTOCK</b>					
Spindle bore	6.1"	9"	12.2"	14.1"	
Spindle nose	A2-11	A2-15	A2-20	A2-20	
Spindle speeds: number	12	12	12	12	
Spindle speeds: range	9 - 600 RPM	6 - 400 RPM	4 - 300 RPM	3 - 200 RPM	
<b>CARRIAGE</b>					
Cross slide travel	1.3" / 540 mm				
Compound travel	11.8" / 300 mm				
Bed width	22" / 560 mm				
Leadscrew	2 TPI				
<b>GEARBOX</b>					
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				
<b>TAILSTOCK</b>					
Quill diameter	4.9" / 125mm				
Quill travel	11.8" / 300 mm				
Quill taper	MT #6				
<b>MISCELLANEOUS</b>					
Steady rest	5.9" - 14.9" / 150 - 380 mm				
Main power motor	30 HP / 22 kw				
<b>DIMENSIONS &amp; WEIGHTS (LxWxH)</b>		BASED ON 42-9 MODEL			
80" centers	174" x 63" x 93"	21,900 lbs	240" centers	331" x 63" x 93"	31,900 lbs
120" centers	213" x 63" x 93"	24,400 lbs	280" centers	371" x 63" x 93"	34,400 lbs
160" centers	252" x 63" x 93"	26,900 lbs	320" centers	410" x 63" x 93"	36,900 lbs
200" centers	292" x 63" x 93"	29,400 lbs	360" centers	449" x 63" x 93"	39,400 lbs

**WARRANTY:** A copy of Summit Machine Tool LLC'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 LLC

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**FOR MORE INFORMATION CALL 1-800-654-3262**

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