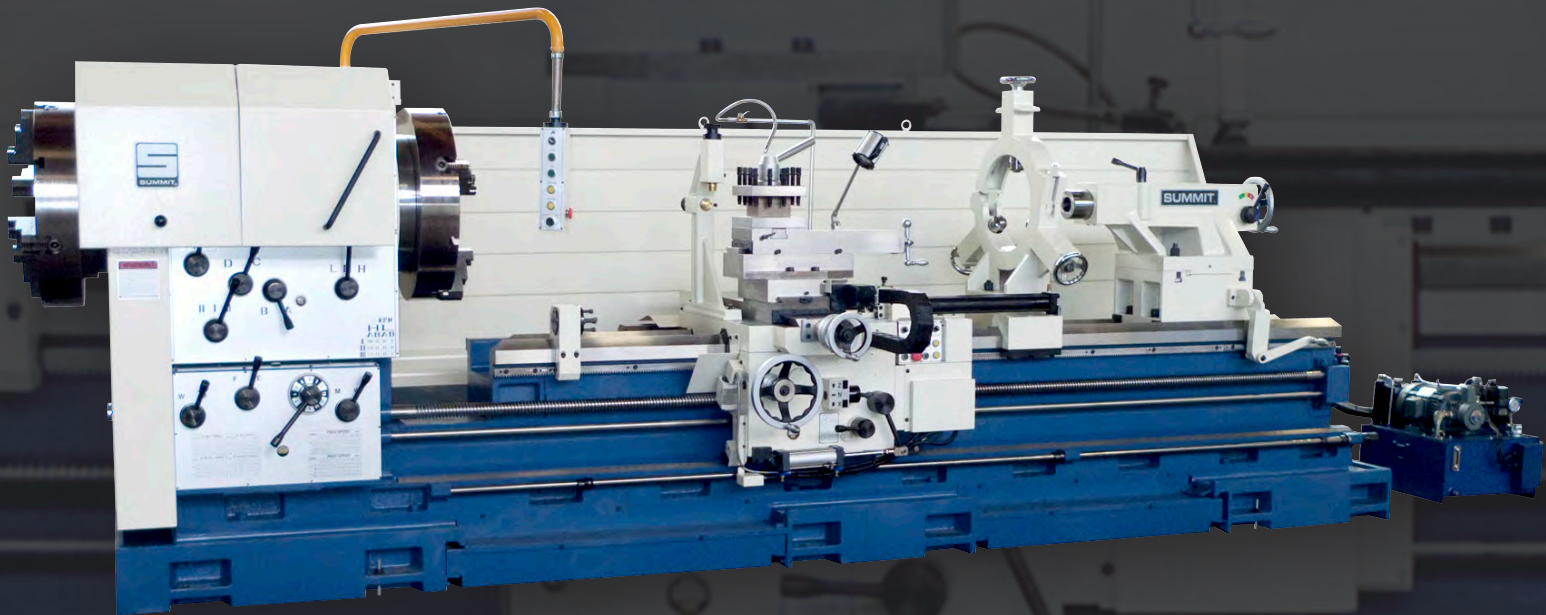


SUMMIT
MACHINE TOOL LLC



HOLLOW SPINDLE & OIL COUNTRY LATHES

42" SWING - 6" TO 14" SPINDLE BORE

SUMMIT HOLLOW SPINDLE & OIL COUNTRY LATHES

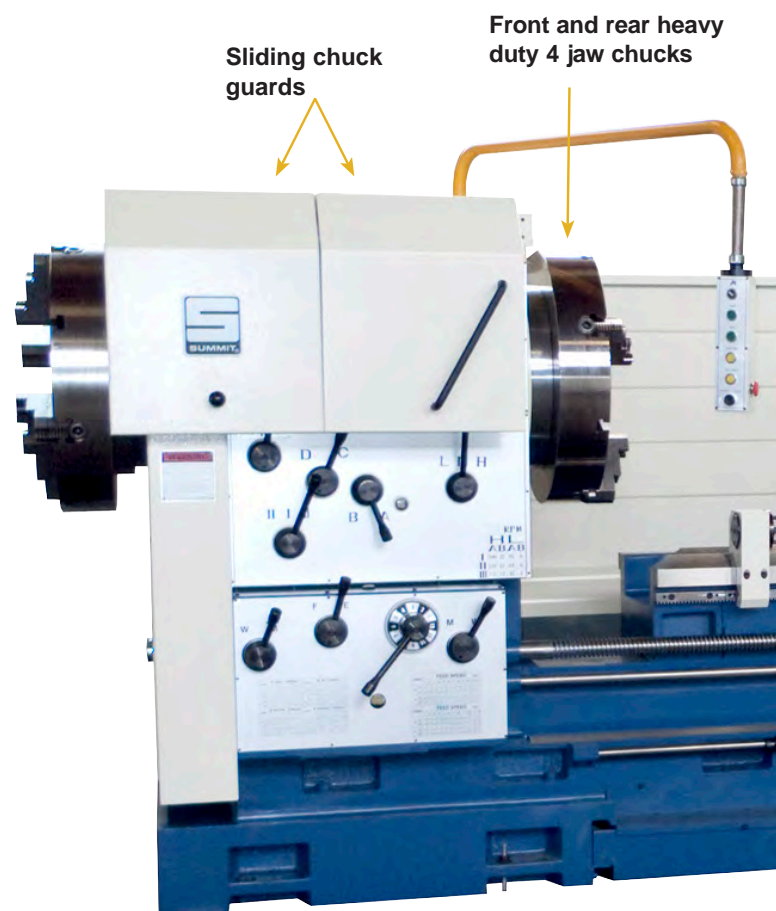
Designed to provide the precision and rugged reliability required for today's demanding applications, we are proud to offer the newly redesigned **Summit®** 42" Series Hollow Spindle Oil Country Lathes.

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

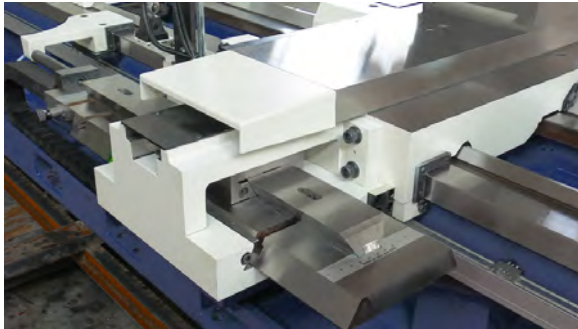


Front and rear 4 jaw chuck

- 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

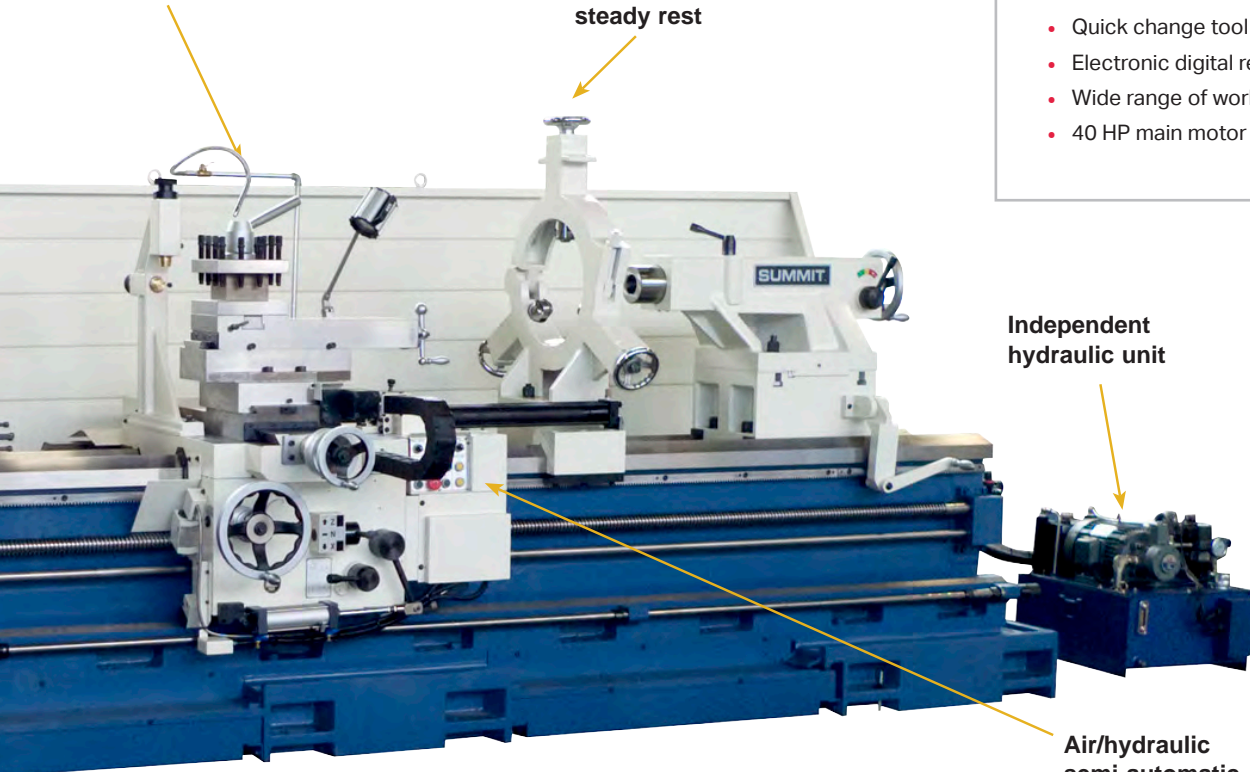
- Quick change gear box will cut inch and metric threads
- Hardened & precision ground bed ways
- 4-way rapid traverse
- Removable gap
- Air kick out for semi-automatic threading
- Two speed tailstock

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 SPECIFICATIONS		MODELS			
		42-6	42-9	42-12	42-14
CAPACITIES		INCH / METRIC			
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			
WORKPIECE WEIGHTS					
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			
HEADSTOCK					
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
CARRIAGE					
Cross slide travel		1.3" / 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" / 125mm			
Quill travel		11.8" / 300 mm			
Quill taper		MT #6			
MISCELLANEOUS					
Steady rest		5.9" - 14.9" / 150 - 380 mm			
Main power motor		30 HP / 22 kw			
DIMENSIONS & WEIGHTS					
80" centers	174" x 63" x 93"	4,400 x 1,600 x 2,630mm	240" centers	331" x 63" x 93"	8,400 x 1,600 x 2,360mm
120" centers	213" x 63" x 93"	5,400 x 1,600 x 2,360mm	280" centers	371" x 63" x 93"	9,400 x 1,600 x 2,360mm
160" centers	252" x 63" x 93"	6,400 x 1,600 x 2,360mm	320" centers	410" x 63" x 93"	10,400 x 1,600 x 2,360mm
200" centers	292" x 63" x 93"	7,400 x 1,600 x 2,360mm	360" centers	449" x 63" x 93"	11,400 x 1,600 x 2,360mm

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.

8/2018

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FOR MORE INFORMATION CALL 1-800-654-3262

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