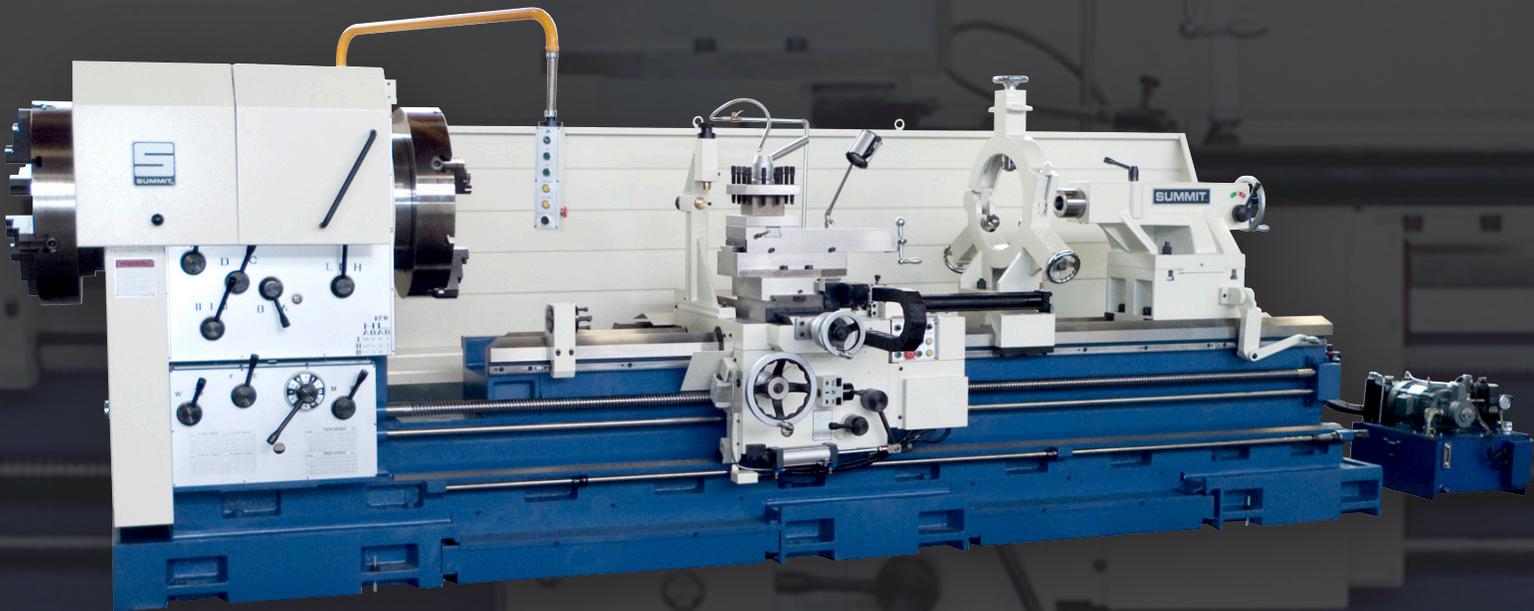


SUMMIT
MACHINE TOOL LLC



HOLLOW SPINDLE & OIL COUNTRY LATHES

42" SWING - 6" TO 14" SPINDLE BORE

SUMMIT HOLLOW SPINDLE & OIL COUNTRY LATHES

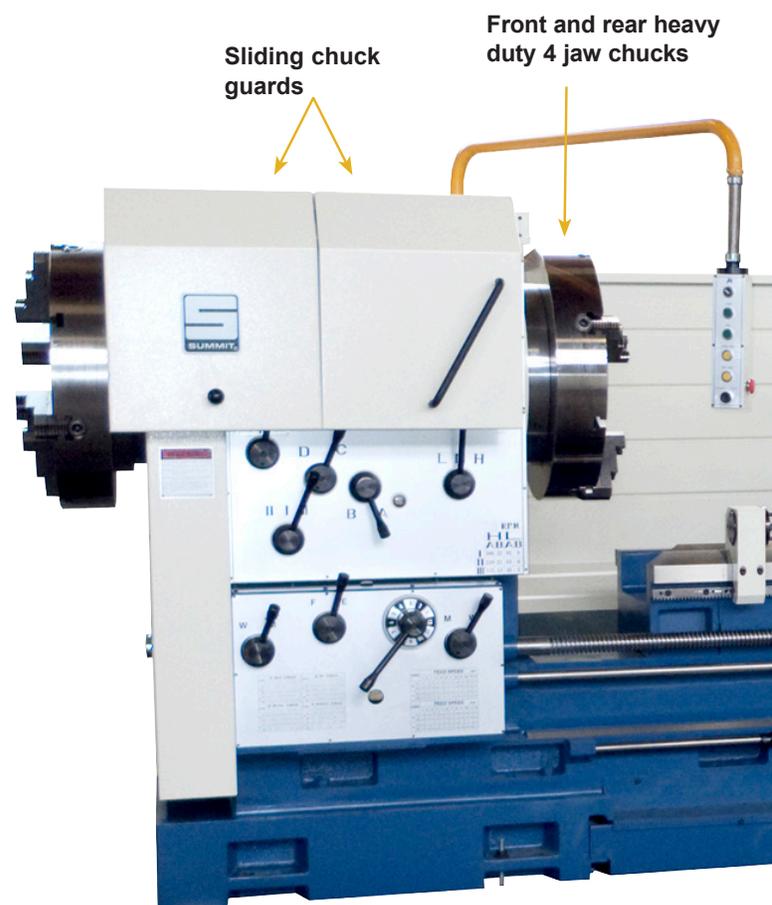
Designed to provide the precision and rugged reliability required for today's demanding applications, we are proud to offer the newly redesigned **Summit®** 42" Series Hollow Spindle Oil Country Lathes.

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, hardened and precision ground bed ways, and many more included features and accessories.



Heavy Duty Carriage with Air Kick Out Device (option)

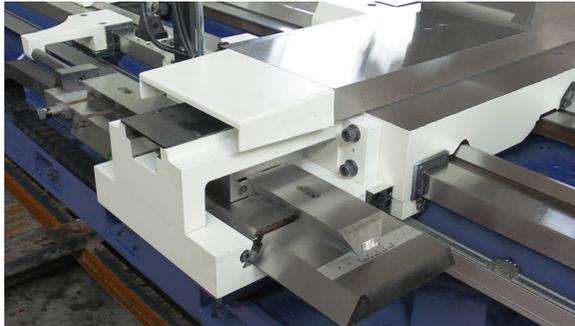


Front and rear 4 jaw chuck

- 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

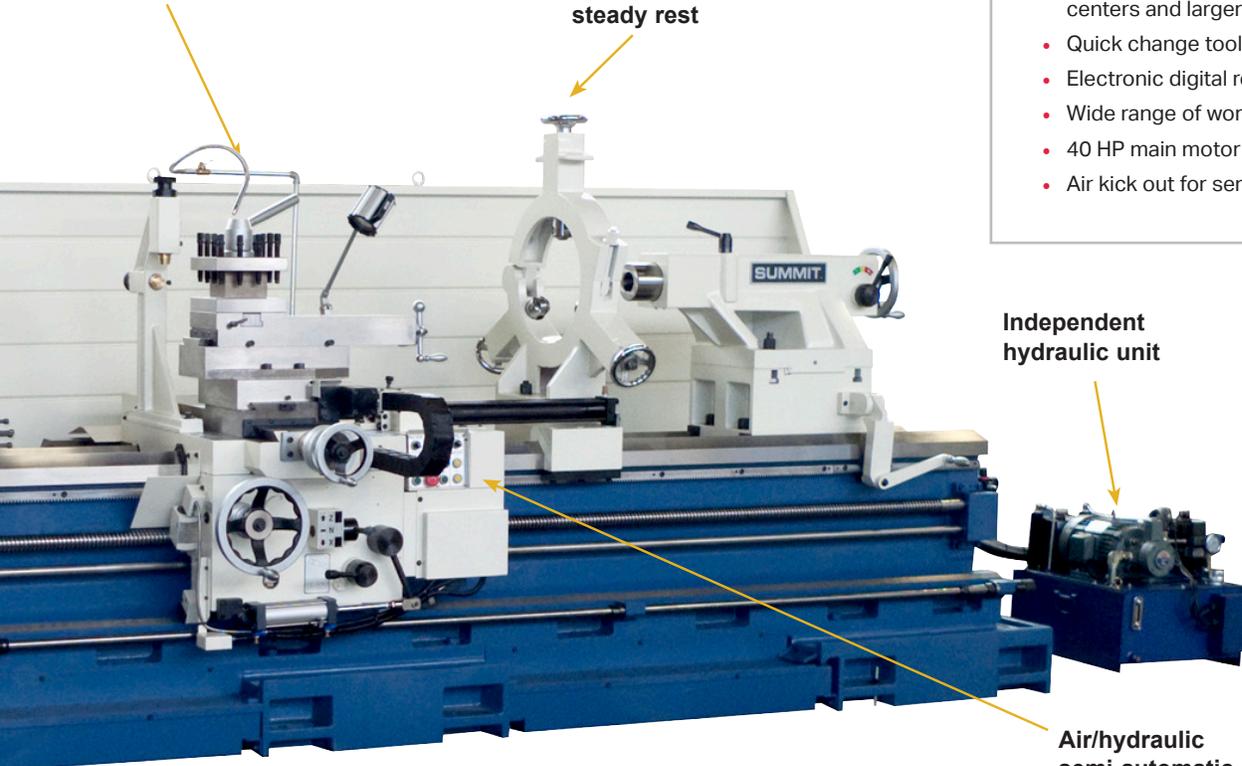
- Quick change gear box will cut inch and metric threads
- Hardened & precision ground bed ways
- 4-way rapid traverse
- Removable gap (80", 120" & 160")
- Two speed tailstock

OPTIONS

- Optional removable gap available on 200" centers and larger
- Quick change tool post with holders
- Electronic digital readouts
- Wide range of workholding devices
- 40 HP main motor
- Air kick out for semi-automatic threading

Work light

Roller-tipped steady rest



Independent hydraulic unit

Air/hydraulic semi-automatic threading device (option)

DIMENSIONS AND SPECIFICATIONS

HOLLOW SPINDLE & OIL COUNTRY LATHES



| HOLLOW SPINDLE LATHES | | MODELS | | | |
|---|-----------------------------|----------------------|--------------|------------------|------------|
| SPECIFICATIONS | 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 | 4,400 lbs. / 2,000 kg | | | | |
| Between centers | 13,200 lbs. / 6,000 kg | | | | |
| Between centers with one steady rest | 16,500 lbs. / 7,500 kg | | | | |
| Between centers with two steady rests | 19,800 lbs. / 9,000 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 (LxWxH) | | 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.

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FOR MORE INFORMATION CALL 1-800-654-3262

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