

34" x 72" Big Bore Lathe with 9" Bore



SB1065F



southbendtools.com

South Bend® 34" x 72" Big Bore Lathe with 9" Bore

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FEATURES

- Safety chuck guard with micro-switch shut-off
- Meehanite-processed castings w/ induction-hardened ways
- Halogen work light
- Complete coolant system
- Digital threading indicator
- SKF German spindle bearings
- Full-length splash guard
- One-piece bed and stand
- Enclosed universal gearbox for cutting inch, metric, modular, and diametral pitches
- Jog button and emergency stop
- Headstock gears run in an oil bath
- Fagor DRO
- Full-length leadscrew cover
- Foot brake
- US based customer service and technical support

SPECIFICATIONS

- Swing over bed: 34"
- Distance between centers: 72"
- Spindle bore: 9"
- Spindle motor: 30 HP, 230V (prewired) or 460V, 3-phase
- Power requirement: 230V, 3-phase, 90A or 50A at 460V
- Coolant pump motor: ½ HP, 3-phase, 0.23A
- Feed motor: ¼ HP, 3-phase, 2.1 A
- Maximum weight between centers: 2992 lbs.
- Swing over cross slide: 24"
- Swing over gap: 46"
- Maximum tool bit size: 1¼"
- Compound travel: 13"
- Cross slide travel: 18⅞"
- Spindle taper: MT#7, ⅞ OPT
- Number of spindle speeds: 12
- Spindle speed range: 6 - 500 RPM
- Tailstock quill travel: 10"
- Tailstock taper: MT #6
- Tailstock barrel diameter: 4"
- Longitudinal feed range: 0.02-0.27 in./rev
- Cross feed range: 0.01-0.14in./rev
- Longitudinal feed range: 0.05-0.7mm/rev
- Cross feed range: 0.025-0.35mm/rev
- Inch threads: 2-28 TPI (DP 4-56)
- Metric threads: 0.8-14mm (MP 0.4-7)
- Leadscrew diameter and pitch: M45 x 2 TPI
- Z-Axis rapid traverse: 12.14 FPM
- X-Axis rapid traverse: 5.9 FPM
- Gap width - one piece: 19"
- Bed width: 20"
- Overall dimensions: 69" x 148"
- Net weight: 12556 lbs.

INCLUDED ACCESSORIES

- Two MT#6 dead centers (1 carbon steel & 1 carbide tipped)
- MT#7 to MT#6 spindle sleeve
- Ten leveling pads
- Service tools
- Toolbox

Made in an ISO 9001 factory

THE 9" BIG BORE LATHE SERIES RESETS THE INDUSTRY STANDARD WITH CUSTOM CONFIGURATION OPTIONS

South Bend has been making and servicing metal lathes since 1906, so we understand the expectations that come with that legacy. You benefit from that expertise as we introduce you to our line of Big Bore lathes.

With an extra-large 9" spindle bore and inside/outside spindle noses for mounting chucks on both sides of the headstock, these lathes can handle monster-sized workpieces such as large-diameter oil pipes or hydraulic cylinders.

They are exquisitely built with ultra-tight tolerances and the headstocks and gearboxes are assembled in a laboratory-like environment to ensure absolutely pristine bearings and fittings for a lifetime of rugged use.

To further ensure a high degree of accuracy, these lathes are equipped with SKF German spindle bearings and a Fagor DRO.

Settling for nothing but the best, these lathes come with Meehanite-processed castings that have been precision ground and hardened in the traditional three V-way prismatic design—long used on South Bend lathes for accuracy, durability and rigidity.

Each Big Bore lathe is custom-built to order. This allows you to select and pay for only the accessories you need. Based on that, you'll benefit from having extremely large chucks precision-fitted at the factory and already dialed in when your machine arrives.

**This item is special order and requires a deposit.
Call 360-734-1540 for details.**

BUILT TO TRUE SOUTH BEND HIGH-PRECISION INDUSTRIAL STANDARDS

The manual was written by our U.S. based Technical Documentation Department and is packed with useful information. The complete and easy to read manual provides full instructions on how to assemble and maintain your bandsaw.

The South Bend Customer Service and Technical Support Teams are U.S. based. Parts and accessories for the bandsaw are available on-line and shipped from the South Bend parts warehouse in Springfield, MO.

WARRANTY INFORMATION

South Bend Tool Company warrants every product it sells for a period of 2 years to the original purchaser from the date of purchase. We make every effort to ensure that our products meet high quality and durability standards so that you never need to use the warranty. Please feel free to write or call us if you have any questions about the machine or the manual.

for more information visit www.southbendtools.com/pages/warranty



Because quality and precision are timeless.

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