



Haas  
F1 Team  
OFFICIAL MACHINE TOOL

# ALL-NEW



SB-28Y

# BOX WAY LATHES

For Heavy Turning.



SB-28

SB-35

SB-35LY

You Asked, We Delivered.

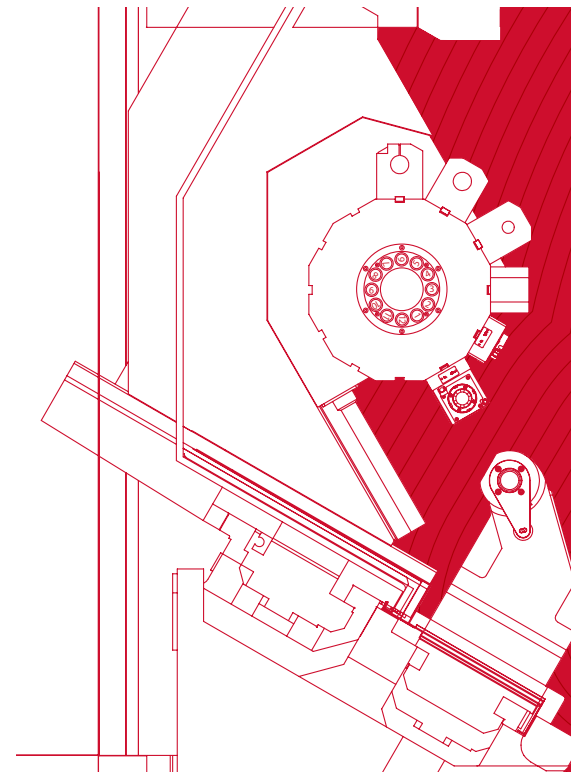
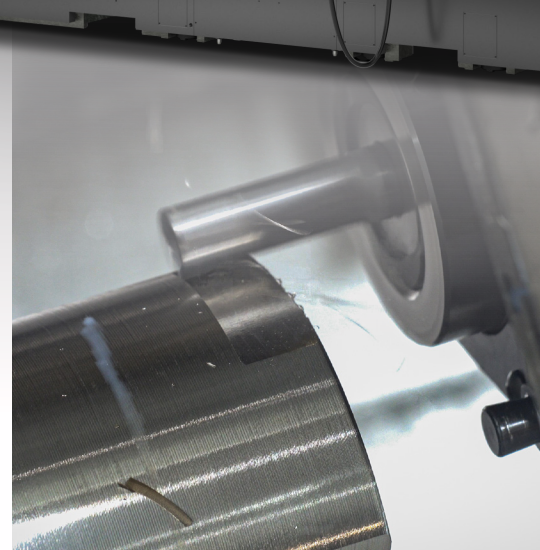
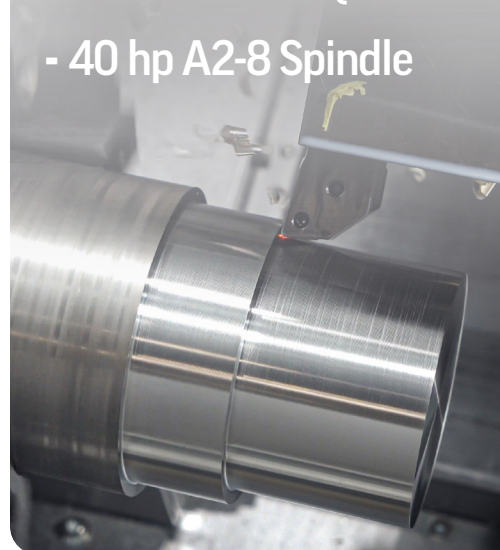
# CNC BOX WAY LATHES

Haas SB Series lathes offer the high dynamic stiffness, load-bearing capacity, and vibration damping associated with traditional box way machines, combined with the powerful, easy-to-use Haas control, and backed by the industry-leading support of the Haas Factory Outlet network.



## KEY FEATURES

- Hardened and precision ground ways
- Flame and induction hardened slide surfaces
- Hand-scraped Turcite-B slideways
- 30° slant-bed with 30° Y-axis wedge angle
- BMT65 Turret (all models)
- 40 hp A2-8 Spindle



## SLANT-BED DESIGN AND BMT65 TURRET

Haas SB Series box way lathes feature a true slant-bed design that provides excellent rigidity and thermal stability, as well as efficient chip evacuation. The slant bed also allows generous X-axis travel in a smaller footprint, and provides a sturdy base to support the turret along the entire Z-axis. Two-axis models have a 30° slant bed and Y-axis models have a 30° slant bed with a 30° Y-axis wedge angle.

Each SB Series lathe is equipped with a robust 12-station BMT65 turret that accepts industry-standard base-mount tooling. Y-axis models also accept axial and radial driven live tools for secondary milling, drilling, and tapping operations.

### 2-Axis

Model	Price	Chuck Size	Bar Capacity	RPM	Max Capacity
<b>SB-28</b>	\$94,995	10 in / 254 mm	2.9 in / 74 mm	3200	13.5 x 21.25 in 345 x 540 mm
<b>SB-35</b>	\$112,995	12 in / 305 mm	3.5 in / 90 mm	2500	13.5 x 30 in 345 x 760 mm
<b>SB-35L</b>	\$152,995	12 in / 305 mm	3.5 in / 90 mm	2500	13.5 x 50 in 345 x 1260 mm

### Y-Axis

Model	Price	Chuck Size	Bar Capacity	RPM	Max Capacity
<b>SB-28Y</b>	\$143,995	10 in / 254 mm	2.9 in / 74 mm	3200	12 x 18.5 in 305 x 470 mm
<b>SB-35Y</b>	\$161,995	12 in / 305 mm	3.5 in / 90 mm	2500	12 x 27.5 in 305 x 700 mm
<b>SB-35LY</b>	\$217,995	12 in / 305 mm	3.5 in / 90 mm	2500	12 x 47.25 in 305 x 1200 mm

# 300,000 CONTROLS CAN'T BE WRONG.

Haas SB Series box way lathes are equipped with the same powerful, easy-to-use Haas Control found on every machine we build. It comes standard on every machine we sell, and is the same across the entire product line. The Haas control is fast, smart, and powerful, with a simple user interface and consistent, intuitive navigation that make it easy to learn and use.

- Touchscreen Interface
- Dedicated Keypad
- One-Button Features
- Multi-Function Jog Handle
- Color LCD Screen
- Ethernet Interface
- USB Port
- M130 Media Player
- Advanced Tool Management
- 1 GB Program Memory
- Power-Failure Detection
- WiFi Connectivity
- Safe Run
- Surge Protection
- HaasDrop Wireless File Transfer
- HaasConnect Mobile Monitoring



## SB SERIES SPECIFICATIONS

**Y-Axis**

**2-Axis**

Capacities	SB-28Y	SB-35Y	SB-35LY	SB-28	SB-35	SB-35L
Chuck Size	10.0 in / 254 mm	12.0 in / 305 mm		10.0 in / 254 mm	12.0 in / 305 mm	
Max Part Swing Over Bed	23.6 in / 600 mm			23.6 in / 600 mm		
Max Part Swing Over Saddle	17.7 in / 450 mm			17.7 in / 450 mm		
Max Cutting Diameter	12.00 in / 305 mm			13.5 in / 345 mm		
Max Cutting Length*	18.5 in / 470 mm	27.5 in / 700 mm	47.25 / 1200 mm	21.25 in / 540 mm	30.0 in / 760 mm	49.6 in / 1260 mm
Bar Capacity	2.9 in / 74 mm	3.5 in / 90 mm		2.9 in / 74 mm	3.5 in / 90 mm	
Travels	SB-28Y	SB-35Y	SB-35LY	SB-28	SB-35	SB-35L
X Axis	8.10 in / 206 mm			9.0 in / 230 mm		
Y Axis	±2.0 in / ±50 mm			-		
Z Axis	20.7 in / 525 mm	30.1 in / 765 mm	49.8 in / 1265 mm	23.2 in / 590 mm	32.3 in / 820 mm	52.0 in / 1320 mm
Spindle	SB-28Y	SB-35Y	SB-35LY	SB-28	SB-35	SB-35L
Spindle Nose	A2-8			A2-8		
Max Rating	40.0 hp / 29.8 kW			40.0 hp / 29.8 kW		
Max Speed	3200 rpm	2500 rpm		3200 rpm	2500 rpm	
Max Torque	425 ft-lb / 576 Nm			425 ft-lb / 576 Nm		
Spindle Bore ø	3.39 in / 86.0 mm	4.13 in / 105 mm		3.39 in / 86.0 mm	4.13 in / 105 mm	
Draw Tube Bore	2.95 in / 75 mm	3.58 in / 91 mm		2.95 in / 75 mm	3.58 in / 91 mm	
TailStock	SB-28Y	SB-35Y	SB-35LY	SB-28	SB-35Y	SB-35L
Taper	MT5			MT5		
Quill Travel	4.7 in / 120 mm			4.7 in / 120 mm		
Travel	17.7 in / 450 mm	23.6 in / 600 mm	39.4 in / 1000 mm	19.7 in / 500 mm	23.6 in / 600 mm	39.4 in / 1000 mm

Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment. Actual product appearance may differ. Pricing subject to change without notice. \*Varies with workholding

## DON'T FORGET THE TOOLING!

We have thousands of high-quality tooling products at unbeatable low prices . . . and we're adding more every day at [www.HaasTooling.com](http://www.HaasTooling.com)

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