

[Special Series]

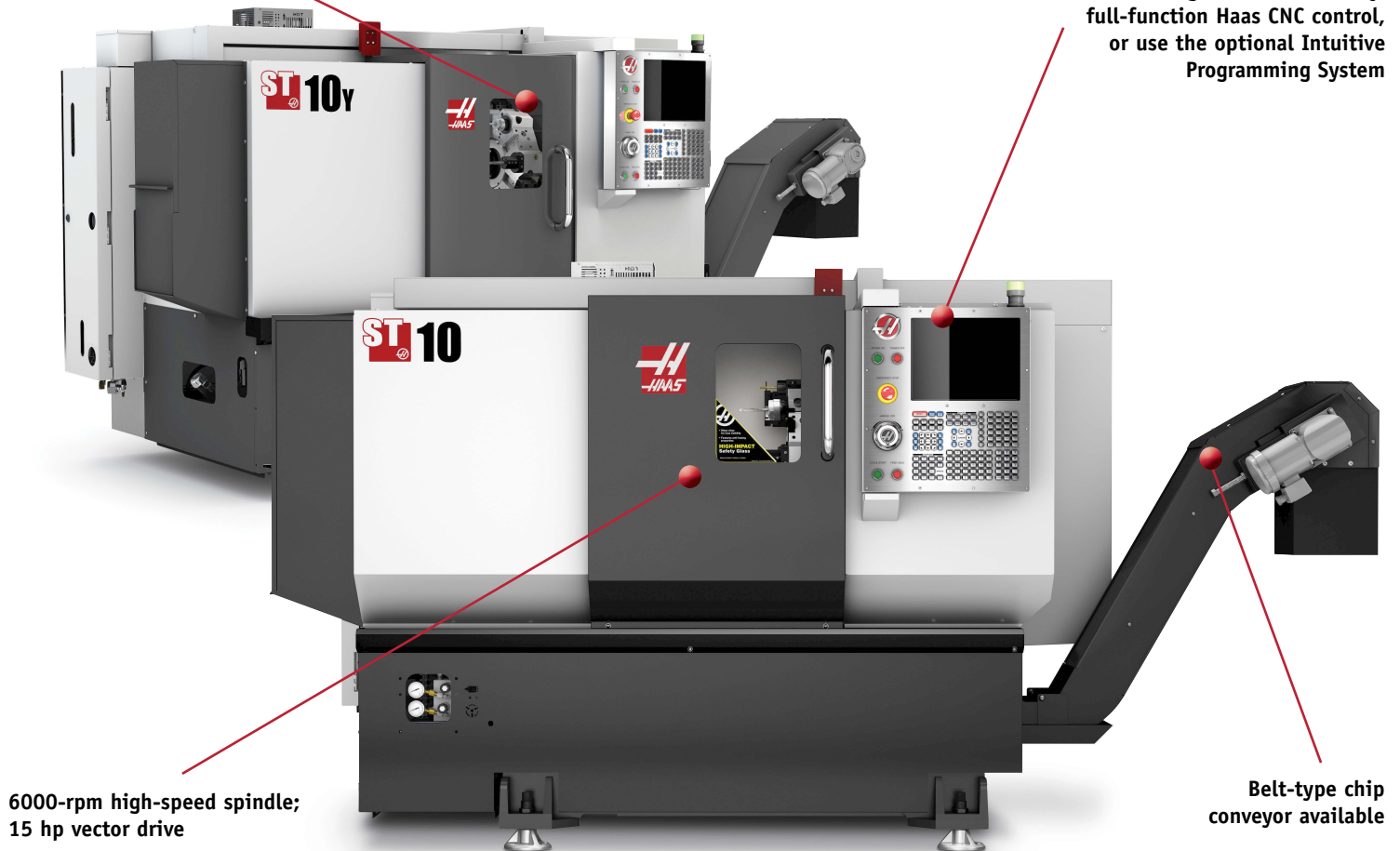
Haas ST-10 Series Lathes



The High-Performance Turning Centers

±2.0" Y-axis travel for off-center milling, drilling and tapping

ISO standard G-code programming through the user-friendly, full-function Haas CNC control, or use the optional Intuitive Programming System



6000-rpm high-speed spindle; 15 hp vector drive

Belt-type chip conveyor available

Warranty: 1 Year Parts and Labor

[Standard Features]

- 6.5" Hydraulic Chucking System
- 6000-rpm Spindle
- 15 hp Vector Drive
- A2-5 Spindle Nose
- 1.75" Bar Capacity
- 15" Color LCD Monitor w/USB Port
- 1 MB Program Memory
- Rigid Tapping
- Made in the USA

[ST-10]

- 14" x 16" Max Capacity
- 12-Station BOT Turret
- 1200 ipm Rapids

[ST-10Y]

- 12" x 16" Max Capacity
- ±2.0" Y-Axis Travel
- 6000-rpm Live Tooling with C Axis
- 12-Station Hybrid BOT/VDI Turret
- 1200 ipm Z-Axis Rapids

[Options] partial list

- Tailstock with Hydraulic Quill
- High-Pressure Coolant Systems
- Automatic Tool Presetter System
- Automatic Parts Catcher System
- Belt-Type Chip Conveyor
- Ethernet Interface
- Haas Intuitive Programming System
- Haas Bar Feeder
- Auto Door



Haas Automation, Inc. | www.HaasCNC.com | 800-331-6746 | Made in U.S.A.

Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment.

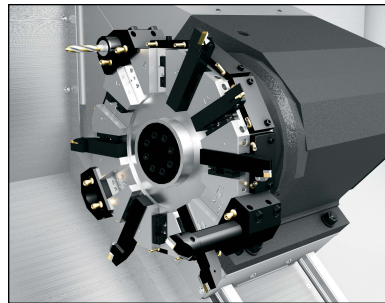
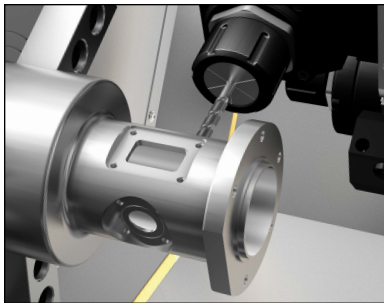
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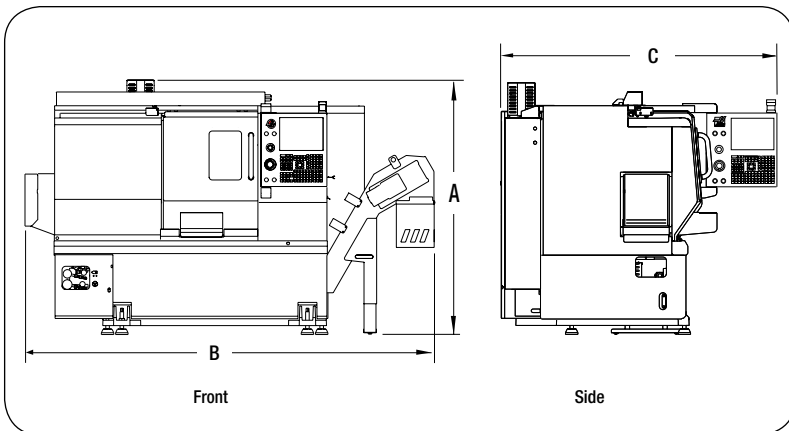
The ST-10 has a small footprint, yet provides a maximum capacity of 14" x 16", with a maximum part swing of 16.5". The spindle turns to 6000 rpm, and the 15 hp vector drive system provides 75 ft-lb of cutting torque. A 6.5" hydraulic chucking system and 12-station turret are standard.

The ST-10Y adds 4" of Y-axis travel ($\pm 2"$ from the centerline) for off-center milling, drilling, and tapping, and comes standard with 6000-rpm live tooling and a C axis for versatile 4-axis capability.



The ST-10Y's generous Y-axis travel, high-speed live tooling, and C-axis motion allow multiple operations in a single setup to reduce part handling and increase accuracy.

Both ST-10 models are equipped with a 12-station turret (BOT or hybrid BOT/VDI) that indexes quickly to reduce cycle times.



Operating Dimensions	ST-10/ST-10Y
A. Max Operating Height	73" 1 854 mm
B. Max Operating Width	126" 3 200 mm
C. Max Operating Depth [†]	73" 1 854 mm

[†] With control swung forward. Additional 36" (914 mm) required to open rear service panel.

[Specifications]

Capacities	ST-10	ST-10Y
Chuck Size	6.5" 165 mm	6.5" 165 mm
Max Cutting Dia.	14" ¹ 356 mm	12" 305 mm
Max Cutting Length without workholding	16" 406 mm	16" 406 mm
Std. Bar Capacity	1.75" 44 mm	1.75" 44 mm

Spindle

Max Speed	6000 rpm	6000 rpm
Max Motor Rating	15 hp 11.2 kW	15 hp 11.2 kW
Max Torque	75 ft-lb @ 1300 rpm 102 Nm @ 1300 rpm	75 ft-lb @ 1300 rpm 102 Nm @ 1300 rpm
Spindle Nose	A2-5	A2-5
Spindle Bore	Ø2.31" Ø58.7 mm	Ø2.31" Ø58.7 mm

Swing Diameter

Max Part Diameter	16.5" 419 mm	16.5" ² 419 mm
Swing Over Wedge	16.5" 419 mm	16.5" ² 419 mm

Travels & Feeds

X Axis	7.88" 200 mm	7.88" 200 mm
Y Axis	— —	$\pm 2.0"$ ± 51 mm
Z Axis	16" 406 mm	16" 406 mm
X-Axis Rapids	1200 ipm 30.5 m/min	472 ipm 12 m/min
Y-Axis Rapids	— —	472 ipm 12 m/min
Z-Axis Rapids	1200 ipm 30.5 m/min	1200 ipm 30.5 m/min

General

Power – 3-Phase	195 - 260 V	195 - 260 V
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¹ Max diameter with standard BOT turret; VB = 12" (305 mm); VDI=9.0" (229 mm).
² With Y axis at 0.



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