

[Special Series]

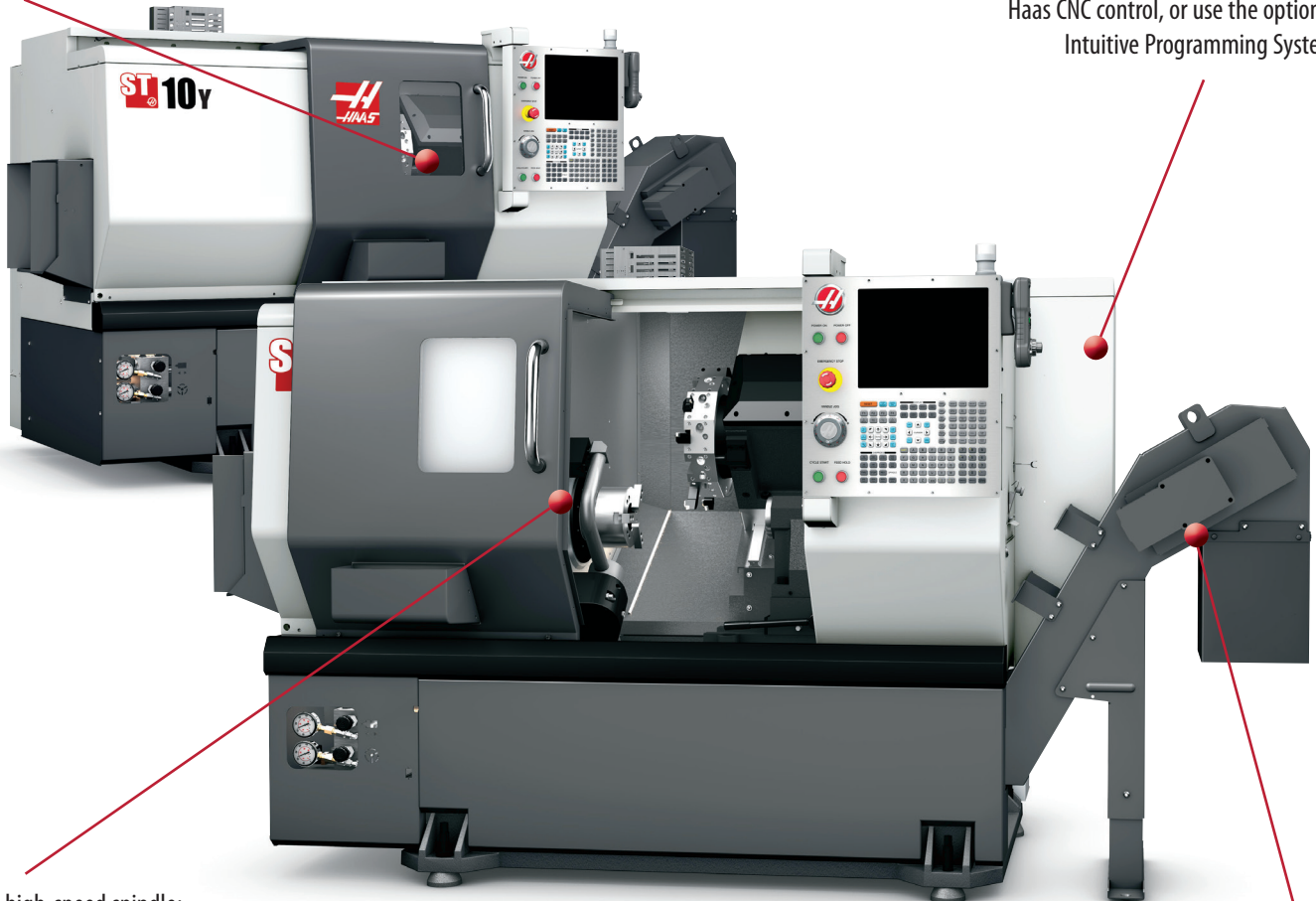
Haas ST-10 Series Lathes



The High-Performance Turning Centers

±51 mm 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



6 000-rpm high-speed spindle;
11,2 kW vector dual drive

Belt-type chip conveyor available

Warranty: 1 Year Parts and Labor

[Standard Features]

- 165 mm Hydraulic Chucking System
- 6 000-rpm Spindle
- 11,2 kW Vector Drive
- A2-5 Spindle Nose
- 44 mm Bar Capacity
- 15" Color LCD Monitor w/USB Port
- 1 MB Program Memory
- Rigid Tapping
- Made in the USA

[ST-10]

- 229 x 355 mm Max Capacity
- 12-Station BOT Turret
- 30,5 m/min Rapids

[ST-10Y]

- 229 x 355 mm Max Capacity
- ±51 mm Y-Axis Travel
- Live Tooling with C Axis
- 12-Station VDI Turret
- 30,5 m/min Z-Axis Rapids

[Options] partial list

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



Haas Automation Europe | www.HaasCNC.com | +32 2 522 99 05 | Made in U.S.A.

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

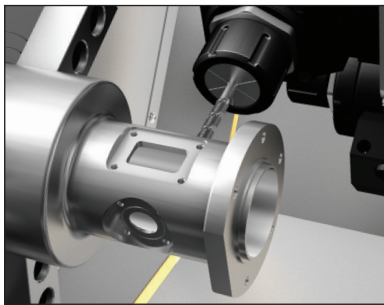
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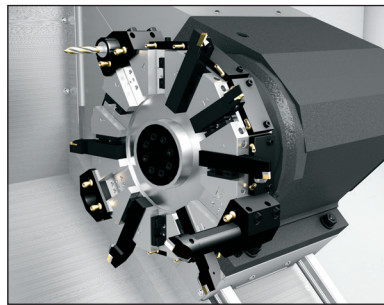
The High-Performance Turning Centers

The ST-10 has a small footprint, yet provides a maximum capacity of 229 x 355 mm, with a 412 mm swing over the cross slide. The spindle turns to 6 000 rpm, and the 11,2 kW vector drive system provides 101 Nm of cutting torque. A 165 mm hydraulic chucking system and 12-station turret are standard.

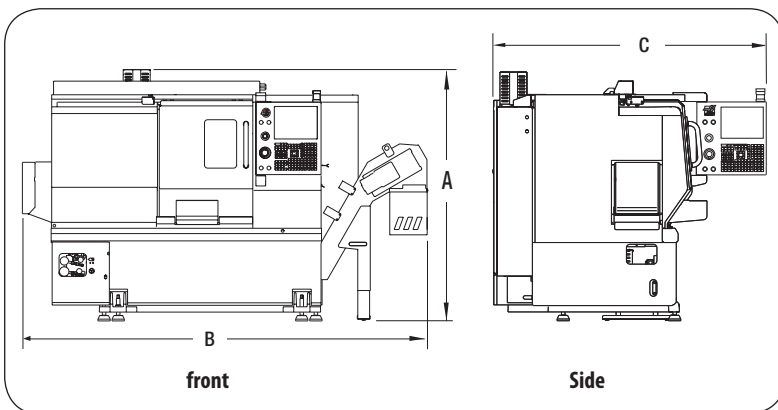
The ST-10Y adds 101 mm of Y-axis travel (± 51 mm from the centerline) for off-center milling, drilling, and tapping, and comes standard with high-torque live tooling and a servo-driven C axis for versatile 4-axis capability.



The ST-10Y's generous Y-axis travel, high-torque 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 VDI) that indexes in 0,5 seconds to reduce cycle times.



Operating Dimensions

ST-10/ST-10Y

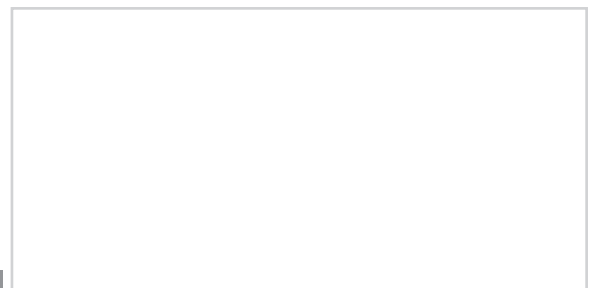
A. Max Operating Height	1 803 mm
B. Max Operating Width	3 200 mm
C. Max Operating Depth†	2 108 mm

† With control swung forward. Additional 914 mm required to open rear service panel.

[Specifications]

Capacities	ST-10	ST-10Y
Chuck Size	165 mm	165 mm
Max Cutting Dia.	229 mm ¹	229 mm
Max Cutting Length without workholding	355 mm	355 mm
Std. Bar Capacity	44 mm	44 mm
Spindle		
Max Speed	6 000 rpm	6 000 rpm
Max Motor Rating	11,2 kW	11,2 kW
Max Torque	102 Nm @ 1300 rpm	102 Nm @ 1300 rpm
Spindle Nose	A2-5	A2-5
Spindle Bore	Ø58,7 mm	Ø58,7 mm
Swing Diameter		
Over Front Apron	641 mm	641 mm
Over Cross Slide	413 mm	413 mm ²
Over Tailstock	597 mm	597 mm
Travels & Feedrates		
X Axis	200 mm	200 mm
Y Axis	--	± 51 mm
Z Axis	355 mm	355 mm
X-Axis Rapids	30,5 m/min	12 m/min
Y-Axis Rapids	--	12 m/min
Z-Axis Rapids	30,5 m/min	30,5 m/min
General		
Power – 3-Phase	354 - 488 V	354 - 488 V

¹ Max diameter with standard VDI turret; BOT= 355 mm. ² With Y axis at 0.



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