

# Haas ST-15 Series Lathes



## The High-Performance Turning Centers



1.  $\pm 51$  mm Y-axis travel for off-center milling, drilling and tapping

2. 4 000-rpm high-speed spindle; 14,9 kW vector dual drive

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

4. Belt-type chip conveyor available

Warranty: 1 Year Parts and Labor

### [ Standard Features ]

- 210 mm Hydraulic Chucking System
- 4 000-rpm Spindle
- 14,9 kW Vector Drive
- A2-6 Spindle Nose
- 63,5 mm Bar Capacity
- 15" Color LCD Monitor w/USB Port
- 1 MB Program Memory
- Rigid Tapping
- Made in the USA

### [ ST-15 ]

- 355 x 406 mm Max Capacity
- 12-Station BOT Turret
- 30,5 m/min Rapids

### [ ST-15Y ]

- 305 x 406 mm Max Capacity
- $\pm 51$  mm Y-Axis Travel
- 6 000-rpm Live Tooling with C Axis
- 12-Station Hybrid BOT/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
- Haas Bar Feeder
- Parts Catcher



Haas Automation Europe | [www.HaasCNC.com](http://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.

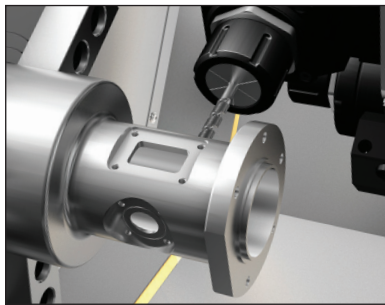
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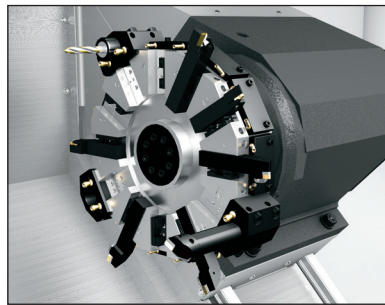
## The High-Performance Turning Centers

The ST-15 is a small-footprint big-bore lathe with a generous 356 x 406 mm maximum capacity, a 63,5 mm bore, and a 406 mm swing over the cross slide. The spindle turns to 4000 rpm, and the 14,9 kW vector drive system provides 203 Nm of cutting torque. A 210 mm hydraulic chucking system and 12-station turret are standard.

The ST-15Y has a 305 x 406 mm maximum capacity, and adds 101,6 mm of Y-axis travel ( $\pm 50,8$  from the centerline) for off-center milling, drilling, and tapping. It comes standard with 6000-rpm live tooling and a servo-driven C axis for versatile 4-axis capability.



The ST-15Y'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-15 models are equipped with a 12-station turret (BOT or hybrid BOT/VDI) that indexes quickly to reduce cycle times.

### [ Specifications ]

Capacities	ST-15	ST-15Y
Chuck Size	210 mm	210 mm
Max Cutting Dia.	355 mm <sup>1</sup>	305 mm
Max Cutting Length without workholding	406 mm	406 mm
Std. Bar Capacity	63,5 mm	63,5 mm

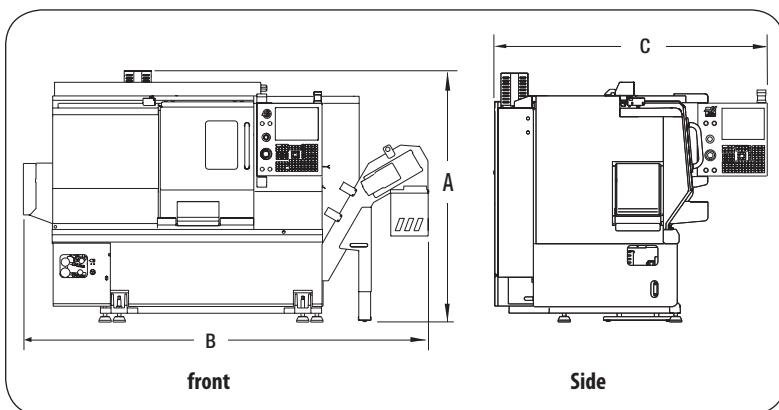
Spindle	ST-15	ST-15Y
Max Speed	4 000 rpm	4 000 rpm
Max Motor Rating	14,9 kW	14,9 kW
Max Torque	203 Nm @ 500 rpm	203 Nm @ 500 rpm
Spindle Nose	A2-6	A2-6
Spindle Bore	Ø88,9 mm	Ø88,9 mm

Swing Diameter	ST-15	ST-15Y
Over Front Apron	686 mm	686 mm
Over Cross Slide	406 mm	406 mm <sup>2</sup>
Over Tailstock	686 mm	686 mm

Travels & Feedrates	ST-15	ST-15Y
X Axis	200 mm	200 mm
Y Axis	—	$\pm 51$ mm
Z Axis	406 mm	406 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	ST-15	ST-15Y
Power – 3-Phase	354 - 488 V	354 - 488 V

<sup>1</sup> Max diameter with standard BOT turret; VB = 305 mm; VDI=229 mm  
<sup>2</sup> With Y axis at 0.



### Operating Dimensions

	ST-15/ST-15Y
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.

