

# Haas ST-30 Series Lathes



## The High-Performance Turning Centers



1. 3 400-rpm high-torque spindle; 22,4 kW vector drive

2. 4 500-rpm high-speed spindle; 22,4 kW vector dual drive

3. Fully programmable hydraulic tailstock available

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

5. Belt-type chip conveyor available

Warranty: 1 Year Parts and Labor

### [ Standard Features ]

- 254 mm Hydraulic Chucking System
- A2-6 Spindle Nose
- 76 mm Bar Capacity
- 15" Color LCD Monitor
- Built-In USB Port
- 1 MB Program Memory
- Rigid Tapping
- User-Friendly Haas Control
- Made in the USA

### [ ST-30 ]

- 533 x 660 mm Max Capacity
- 3 400-rpm Spindle
- 22,4 kW Vector Drive
- 12-Station BOT Turret

### [ ST-30SS ]

- 406 x 660 mm Max Capacity
- 4 500-rpm Spindle
- 22,4 kW Vector Drive
- 24-Station BOT/VDI Turret

### [ Options ] *partial list*

- Programmable Hydraulic Tailstock
- 6 000-rpm Live Tooling with C Axis
- High-Pressure Coolant Systems
- Automatic Tool Presetter System
- Belt-Type Chip Conveyor
- Servo Auto Door
- Ethernet Interface
- Haas Intuitive Programming System
- Haas Bar Feeder



Haas Automation Europe | [www.HaasCNC.com](http://www.HaasCNC.com) | +32 2 522 99 05 | Made in U.S.A.

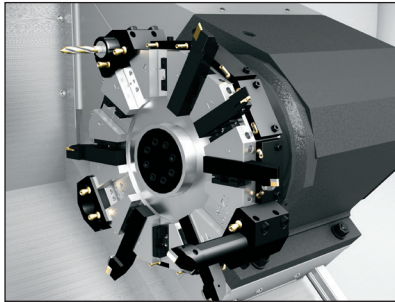
Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment.

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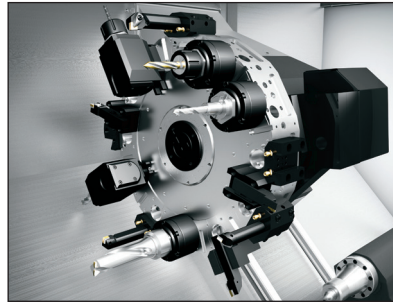


## The High-Performance Turning Centers

The Haas ST-30 Series high-performance turning centers were designed from the ground up to provide heavy cutting ability, extreme rigidity, and high thermal stability. Available in standard and Super Speed models, these 254 mm chuck machines offer the best combination of performance and value in their class. With available 6 000-rpm live tooling and C axis, it's possible to machine multiple features and perform secondary operations in a single setup.



The ST-30 is equipped with a 12-station bolt-on style turret, with options for a 12-station VDI turret or a 12-station hybrid BOT/VDI turret.



The ST-30SS is equipped with a 24-station hybrid turret that accepts BOT tools, 19 mm OD tools and VDI 40 tools.

### [ Specifications ]

Capacities	ST-30	ST-30SS
Chuck Size	254 mm	254 mm
Max Cutting Dia <sup>1</sup>	533 mm <sup>1</sup>	406 mm
Max Cutting Length	660 mm	660 mm
Std. Bar Capacity	76 mm	76 mm

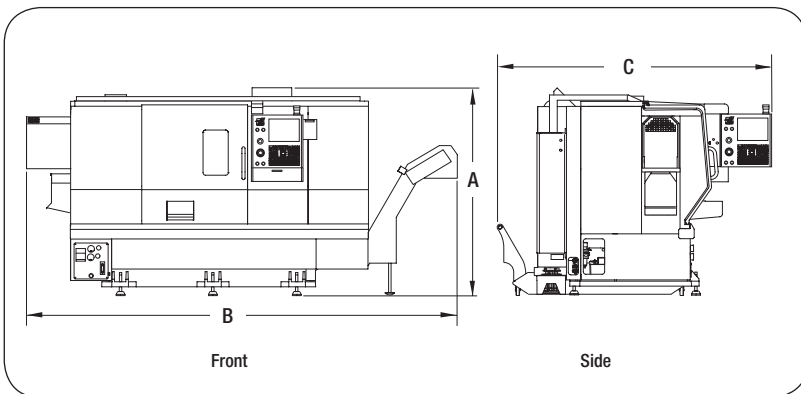
Spindle	ST-30	ST-30SS
Max Speed	3 400 rpm.	4 500 rpm.
Max Motor Rating	22,4 kW	22,4 kW
Max Torque	407 Nm @ 500 rpm	373 Nm @ 600 rpm
Max Torque w/ Opt. Gearbox	1 356 Nm @ 150 rpm	—
Spindle Nose	A2-6	A2-6
Spindle Bore	Ø88,9 mm	Ø88,9 mm

Swing Diameter	ST-30	ST-30SS
Over Front Apron	806 mm	806 mm
Over Cross Slide	527 mm	527 mm
Over Tailstock	584 mm	584 mm

Travels & Feedrates	ST-30	ST-30SS
X Axis	318 mm	318 mm
Z Axis	660 mm	660 mm
X-Axis Max Thrust	18 238 N	18 238 N
Z-Axis Max Thrust	22 686 N	18 015 N
X-Axis Rapids	24,0 m/min	24,0 m/min
Z-Axis Rapids	24,0 m/min	30,5 m/min

General	ST-30	ST-30SS
Power – 3-phase	354 - 488 V	354 - 488 V

<sup>1</sup> Max diameter varies with turret. VB=457 mm ; VDI=457 mm



Operating Dimensions	ST-30/ST-30SS
A. Max Operating Height	2 108 mm
B. Max Operating Width**	4 521 mm
C. Max Operating Depth***	3 048 mm

\*\* With gearbox option, add 305 mm.  
 \*\*\*With control swung forward and coolant tank in place. Additional 381 mm required to open rear service panel.

