

[Special Series]

Haas Dual-Spindle / Y Axis



The High-Performance Turning Centers

4 800-rpm main and secondary spindles

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



4 000-rpm main and secondary spindles

± 51 mm Y-axis travel for off-center milling, drilling, and tapping

Secondary spindle allows synchronous turning and on-the-fly-part pass-off

Warranty: 1 Year Parts and Labor

[Standard Features]

- Dual 210 mm Hydraulic Chucking Systems
- ± 51 mm Y-Axis Travel
- Live Tooling with C Axis
- Synchronous Turning Capability
- On-The-Fly Pass-Off Capability
- 15" Color LCD Monitor w/USB Port
- 1 MB Program Memory
- Rigid Tapping
- Made in the USA

[DS-30Y]

- 457 x 584 mm Max Capacity
- 4 000-rpm Main Spindle, 22,4 kW
- 4 000-rpm Secondary Spindle, 14,9 kW
- 12-Station BOT/VDI Turret

[DS-30SSY]

- 406 x 584 mm Max Capacity
- 4 800-rpm Main Spindle, 22,4 kW
- 4 800-rpm Secondary Spindle, 14,9 kW
- 24-Station BOT/VDI Turret

[Options] partial list

- 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.

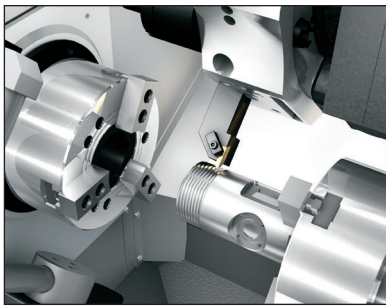
Haas Dual-Spindle / Y Axis



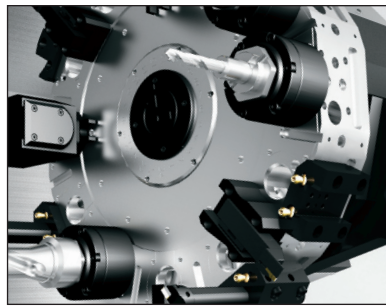
The High-Performance Turning Centers

The Haas DS-30 Series Y-axis turning centers combine dual-spindle turning with Y axis, C axis, and live tooling to create powerful “done-in-one” machining solutions for any shop.

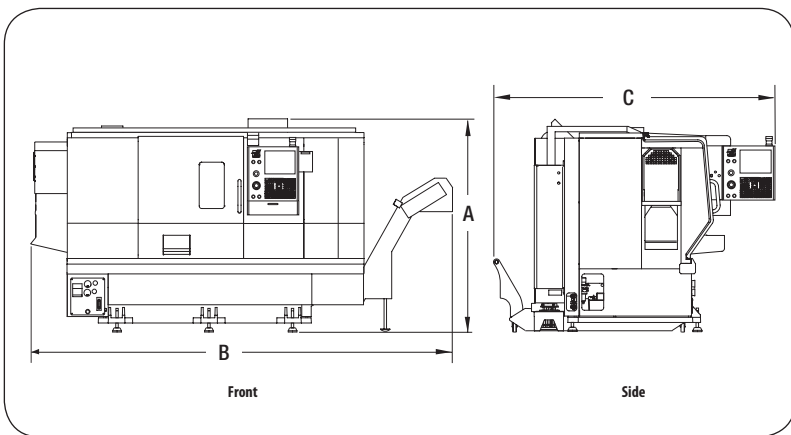
Available in standard and Super Speed configurations, the machines provide 101 mm of Y-axis travel (± 51 mm from the centerline) for off-center milling, drilling, and tapping, and come standard with high-torque live tooling and a servo-driven C axis for versatile 4-axis capability. The opposed spindles support fully synchronized turning, and allow on-the-fly part pass-off to reduce cycle times.



Dual-spindle turning combined with Y axis, C axis, and high-torque live tooling allow multiple operations in a single setup to reduce part handling and increase accuracy.



Both DS machines are equipped with a hybrid turret that accepts BOT tools, OD tools and VDI 40 tools. The DS-30Y has a 12-station turret, and the DS-30SSY has a 24-station turret.



Operating Dimensions

DS-30Y/DS-30SSY

A. Max Operating Height	2 108 mm
B. Max Operating Width	4 521 mm
C. Max Operating Depth [†]	3 048 mm

[†] With control swung forward and coolant tank in place. Additional 330 mm required to open rear service panel.

[Specifications]

Capacities	DS-30Y	DS-30SSY
Max Cutting Dia.	457 mm	406 mm
Max Cutting Length without workholding	584 mm	584 mm
Std. Bar Capacity	51 mm	51 mm

Main Spindle	DS-30Y	DS-30SSY
Chuck Size	210 mm	210 mm
Max Speed	4000 rpm	4 800 rpm
Max Motor Rating	22,4 kW	22,4 kW
Max Torque	407 Nm @ 500 rpm	373 Nm @ 600 rpm
Spindle Nose	A2-6	A2-6
Spindle Bore	Ø88,9 mm	Ø88,9 mm

Secondary Spindle	DS-30Y	DS-30SSY
Chuck Size	210 mm	210 mm
Max Speed	4000 rpm	4 800 rpm
Max Motor Rating	14,9 kW	14,9 kW
Max Torque	183 Nm @ 700 rpm	149 Nm @ 700 rpm
Spindle Nose	A2-5	A2-5
Spindle Bore	Ø61,9 mm	Ø61,9 mm

Swing Diameter	DS-30Y	DS-30SSY
Over Front Apron	806 mm	806 mm
Over Cross Slide ¹	527 mm	527 mm
Over Tailstock	552 mm	552 mm

Travels & Feedrates	DS-30Y	DS-30SSY
X Axis	318 mm	318 mm
Y Axis	± 51 mm	± 51 mm
Z Axis	584 mm	584 mm
X-Axis Rapids	12 m/min	12 m/min
Y-Axis Rapids	12 m/min	12 m/min
Z-Axis Rapids	24,0 m/min	30,5 m/min

General	DS-30Y	DS-30SSY
Power – 3-Phase	354 - 488 V	354 - 488 V

¹ With Y axis at 0.



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