



Haas
F1 Team
OFFICIAL MACHINE TOOL



DUAL-SPINDLE LATHES

“Done-In-One” Solution for Multi-Op Parts

DO EVEN MORE



DS Series dual-spindle lathes deliver generous work envelopes, and feature a fully interpolated sub-spindle C-axis with a mechanical brake, giving you everything you need to mill, drill, and tap off-center features in a single setup.



8" - 15"

CHUCK SIZE (210 - 381 mm)

2.5" - 4"

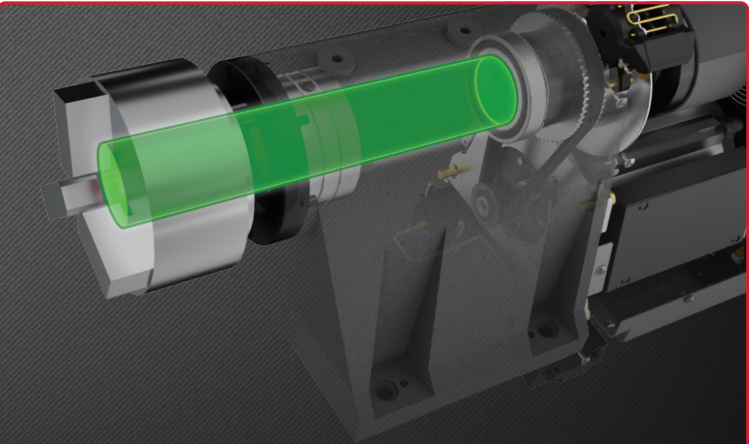
BAR CAPACITY (64 - 102 mm)

20 - 55

HP (14.9 - 41 kW)

2400 - 5000

RPM



Big-Bore Spindle Upgrade

Increase the A2-5 secondary spindle drawbar bore and depth on your DS Series dual-spindle lathe, opening up capacity for longer, larger-diameter parts.

Upgrade	DS-20Y / DS-25Y	DS-30Y
Drawbar Bore	Ø 1.81" (46 mm)	Ø 1.81" (46 mm)
Bore Depth	19" (483 mm)	20" (508 mm)



Series Highlights:

BMT Turrets

Rigid, repeatable, and ready for live tooling. The BMT turrets are built to keep every cut dialed in from roughing to finish.

High-Resolution Encoder

Precise C-axis positioning means confident, repeatable results on every off-center feature, every cycle.

Built for High-Volume Production

The DS Series is designed to run hard. Done-in-one capability means less handling, fewer setups, and more parts out the door.



DS-20Y

Ø 11.75" x 22.5" (298 x 572 mm) max capacity
12-Station BMT65 Turret



8.3" (210 mm) Chuck	6.5" (165 mm) Chuck
4000 rpm	5000 rpm
A2-6 Spindle Nose	A2-5 Spindle Nose



DS-25Y

Ø 11.75" x 22.5" (298 x 572 mm) max capacity
12-Station BMT65 Turret



10" (254 mm) Chuck	6.5" (165 mm) Chuck
3400 rpm	5000 rpm
A2-6 Spindle Nose	A2-5 Spindle Nose



DS-30Y

Ø 13.75" x 32.5" (349 x 826 mm) max capacity
12-Station BMT65 Turret



10" (254 mm) Chuck	8.3" (210 mm) Chuck
4500 rpm	4000 rpm
A2-6 Spindle Nose	A2-5 Spindle Nose



DS-40Y

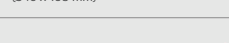
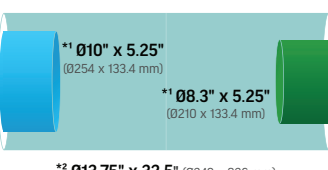
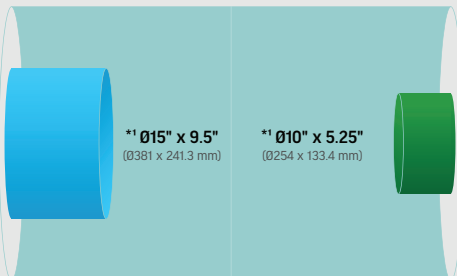
Ø 27.5" x 44" (699 x 1118 mm) max capacity
12-Station BMT75 Turret



15" (381 mm) Chuck	10" (254 mm) Chuck
2400 rpm (Gear box)	3400 rpm
A2-8 Spindle Nose	A2-6 Spindle Nose

HAAS DUAL-SPINDLE LATHE PART ENVELOPE COMPARISON



Model	Main Spindle	Bar Capacity Thru Bore	Work Envelope Max cutting diameter x Max cutting length		Sub Spindle	Sub-Spindle Drawbore options (non-through) Diameter x Depth	
			Main Spindle Recommended part size *	Sub Spindle Recommended part size *			
DS-20Y	 8.3" (210 mm) Chuck A2-6 Spindle Nose 4000-rpm	 Ø2.5" (64 mm)	 **1 Ø8.3" x 5.25" (Ø210 x 133.4 mm) **2 Ø11.75" x 22.5" (Ø298 x 572 mm) *1 Ø6.5" x 4.9" (Ø165 x 124.5 mm)		 6.5" (165 mm) Chuck A2-5 Spindle Nose 5000-rpm	Standard **  Ø1.81" x 4.25" (Ø46 x 108 mm)	Ø1.03" x 9.25" (Ø26.2 x 235 mm)
						Big Bore **  Ø1.81" x 19" (Ø46 x 483 mm)	
DS-25Y	 10" (254 mm) Chuck A2-6 Spindle Nose 3400-rpm	 Ø3.0" (76 mm)	 **1 Ø10" x 5.25" (Ø254 x 133.4 mm) **2 Ø11.75" x 22.5" (Ø298 x 572 mm) *1 Ø6.5" x 4.9" (Ø165 x 124.5 mm)		 6.5" (165 mm) Chuck A2-5 Spindle Nose 5000-rpm	Standard **  Ø1.81" x 4.25" (Ø46 x 108 mm)	Ø1.03" x 9.25" (Ø26.2 x 235 mm)
						Big Bore **  Ø1.81" x 19" (Ø46 x 483 mm)	
DS-30Y	 10" (254 mm) Chuck A2-6 Spindle Nose 4500-rpm	 Ø3.0" (76 mm)	 **1 Ø10" x 5.25" (Ø254 x 133.4 mm) **1 Ø8.3" x 5.25" (Ø210 x 133.4 mm) **2 Ø13.75" x 32.5" (Ø349 x 826 mm)		 8.3" (210 mm) Chuck A2-6 Spindle Nose 4000-rpm	Standard **  Ø1.81" x 4.25" (Ø46 x 108 mm)	Ø1.03" x 9.25" (Ø26.2 x 235 mm)
						Big Bore **  Ø1.81" x 20" (Ø46 x 508 mm)	
DS-40Y	 15" (381 mm) Chuck A2-8 Spindle Nose 2400-rpm	 Ø4.0" (102 mm)	 **1 Ø15" x 9.5" (Ø381 x 241.3 mm) **1 Ø10" x 5.25" (Ø254 x 133.4 mm) **2 Ø27.5" x 44" (Ø699 x 1118 mm)		 10" (254 mm) Chuck A2-6 Spindle Nose 4500-rpm	 Ø3.0" x 44" ** (Ø76.2 x 1117.6 mm)	

*1 Assuming the included Standard Chuck and Jaws (not considered a safe set-up for high rpm)
** Represents full work envelope. Will vary based on workholding and part shape.

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** With the SUB-SPDL-BB-6.5 or SUB-SPDL-BB-8.3 option installed

HAAS TOOLING

From BMT65 live tooling to chucks, collet closers, and boring bars, Haas has everything you need to run your DS Series at full capability

All backed by the same support as your machine.



Winner's Circle Members Get

- Up to 8% off every purchase
- Free express delivery under 15 lb / over \$49
- One membership covers your entire company
- Order online, with a machine, or through your HFO

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