

[Special Series]

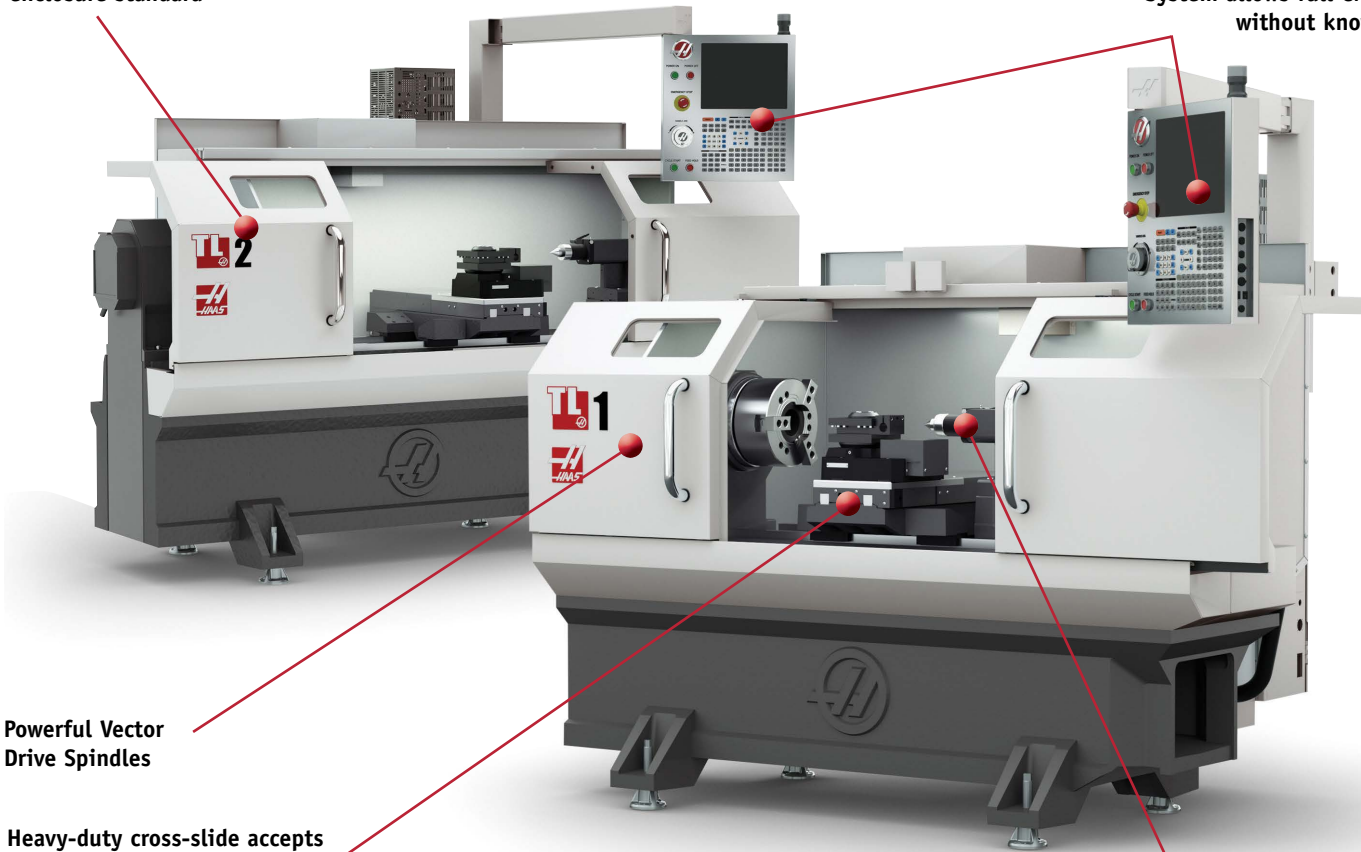
Haas TL Series

The Toolroom Lathes



CE-compliant chip enclosure standard

The Haas Intuitive Programming System allows full CNC operation without knowing G-code



Powerful Vector Drive Spindles

Heavy-duty cross-slide accepts a variety of tool post options

The optional tailstock with manual quill provides additional support for long workpieces

Warranty: 1 Year Parts and Labor

[Standard Features]

- 10-Horsepower Vector Drive
- 1800-rpm Spindle
- Haas Intuitive Programming System
- 15" Color LCD Monitor
- Build-In USB Port
- Coolant Pump Kit
- CE-Compliant Chip Enclosure
- 1 MB Program Memory
- Cross Slide, Tool-Post Ready
- LED Work Light
- Air Gun
- Made in the USA

[Options] partial list

- 3000-rpm Spindle
- 8" or 10" Three-Jaw Manual Chuck
- 4- or 8-Station Automatic Tool Turret
- Manual Tailstock w/Adj. Quill
- Manual Steady Rest
- Tool Post/Toolholders
- Spindle Orientation
- Rigid Tapping
- User-Definable Macros



Haas Automation, Inc. | www.HaasCNC.com | 800-331-6746 | Made in U.S.A.

Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment. Actual product appearance may differ.

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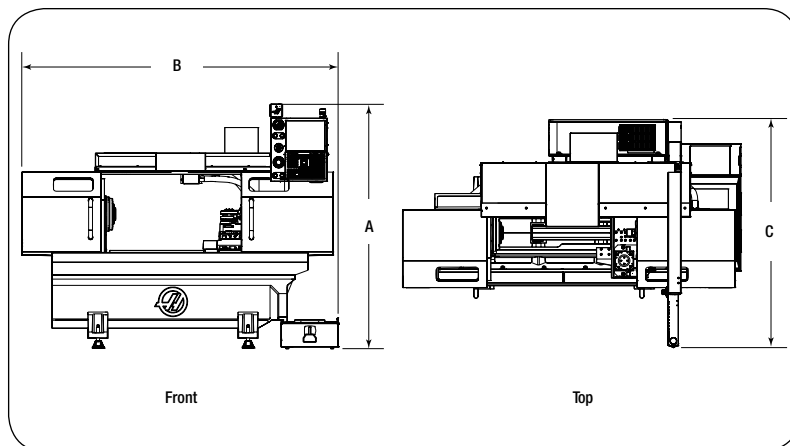
Haas Toolroom Lathes are affordable, easy to use, and offer the precision control of the Haas CNC system. They are very easy to learn and operate – even without knowing G-code. And with the Haas Intuitive Programming System, manual machinists will transition quickly and easily into full CNC – and be cutting parts in minutes.

Intuitive Programming System

1 Use the top tab menu to select the type of operation to perform.

2 Choose from the lower tabs to define the specific cutting operation.

3 Fill in the requested information and press Cycle Start.



Operating Dimensions	TL-1	TL-2
A. Max Operating Height	79" 2 007 mm	79" 2 007 mm
B. Max Operating Width	105" 2 667 mm	123" 3 124 mm
C. Max Operating Depth†	68" 1 727 mm	68" 1 727 mm

† With control swung forward. Additional 36" (914 mm) required to open rear service panel.

[Specifications]

Capacities	TL-1	TL-2
Workholding (opt.)	8" / 10" 208 / 254 mm	8" / 10" 208 / 254 mm
Between Centers	30" 762 mm	48" 1 219 mm
Max Cutting Dia. ¹	16" 406 mm	16" 406 mm
Max Cutting Length	30" 762 mm	48" 1 219 mm

Spindle		
Max Speed	1800 rpm	1800 rpm
Max Motor Rating	10 hp 7.5 kW	10 hp 7.5 kW
Max Torque	108 ft-lb @ 355 rpm 146 Nm @ 355 rpm	108 ft-lb @ 355 rpm 146 Nm @ 355 rpm
Spindle Nose	A2-6	A2-6
Spindle Bore	Ø3.00" 76.2 mm	Ø3.00" 76.2 mm

Optional Spindle		
Max Speed	3000 rpm	3000 rpm
Max Motor Rating	10 hp 7.5 kW	10 hp 7.5 kW
Max Torque	108 ft-lb @ 355 rpm 146 Nm @ 355 rpm	108 ft-lb @ 355 rpm 146 Nm @ 355 rpm

Swing Diameter		
Over Front Apron	20" 508 mm	20" 508 mm
Over Cross Slide	11" 279 mm	11" 279 mm

Travels & Feedrates		
X Axis	8" 203 mm	8" 203 mm
Z Axis	30" 762 mm	48" 1 219 mm
X-Axis Max Thrust	3894 lb 17 321 N	3894 lb 17 321 N
Z-Axis Max Thrust	1947 lb 8 661 N	1947 lb 8 661 N
X-Axis Rapids	450 ipm 11.4 m/min	450 ipm 1.4 m/min
Z-Axis Rapids	450 ipm 11.4 m/min	450 ipm 1.4 m/min

General		
Machine Weight	3750 lb 1 701 kg	4100 lb 1 860 kg

¹ Max cutting diameter reduced with optional turret.



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