

Haas DT-1

The Drill/Tap Center



Inline direct-drive spindle provides 12 000 rpm, and will rigid tap to 5 000 rpm

ISO standard G-code programming through the easy-to-use Haas control, or use the optional Intuitive Programming System

High-speed Side-mount tool changer (20+1 tools)

A high-volume coolant system and optional dual augers clear chips from the enclosure quickly

61,0 m/min rapids and high accelerations combine to reduce cycle times

Heavy cast-iron base FEA optimized for rigidity

Warranty: 1 Year Parts and Labor

[Standard Features]

- 11,2 kW Vector Drive
- 12 000-rpm BT30 Taper Spindle
- Inline Direct Drive
- 20+1 Side-Mount Tool Changer
- 38 cm Color LCD Monitor w/USB Port
- High-Speed Rigid Tapping
- Early Power Failure Detection Module
- Made in the USA

[Options] partial list

- Through-Spindle Coolant System
- Programmable Coolant Nozzle
- Dual Chip Augers
- High-Speed Machining w/Look-Ahead
- Haas Intuitive Programming System
- Wireless Intuitive Probing System
- 4th- and 5th-Axis Drives



Haas Automation Europe | www.HaasCNC.com | +32 2 522 99 05 | Made in U.S.A.

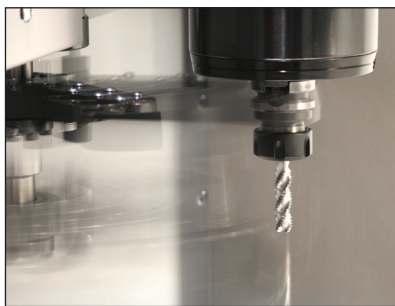
Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment.

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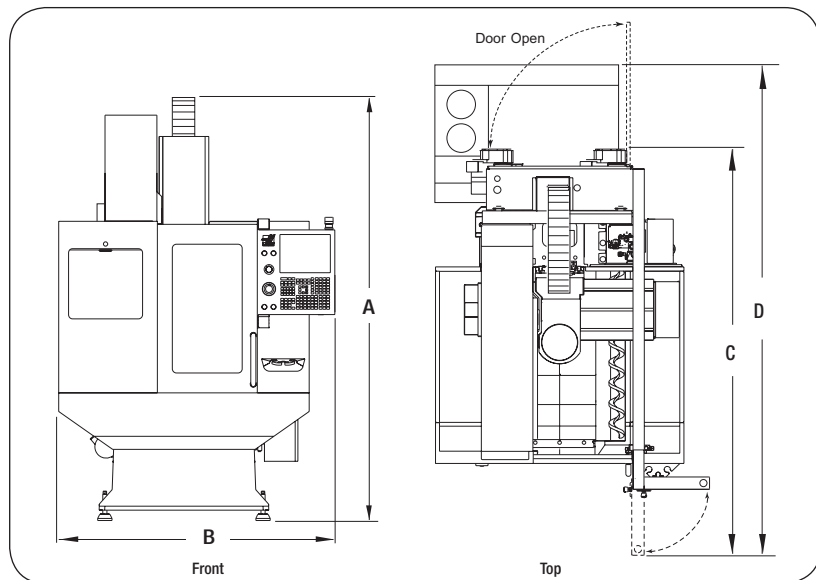
The DT-1 is a compact, high-speed drill and tap machine with full milling capabilities. The machine has a 508 x 406 x 394 mm (xyz) work cube and a 660 x 381 mm T-slot table. A powerful BT30 taper inline direct-drive spindle provides 12 000 rpm, and allows rigid tapping at speeds to 5 000 rpm. A high-speed, 20-pocket tool changer swaps tools quickly, while 61,0 m/min rapids and high accelerations combine to shorten cycle times and reduce non-cutting time.



The DT-1 features a high-speed side-mount tool changer that swaps tools quickly to keep non-cutting time to a minimum.



The Haas-built BT30 taper inline direct-drive spindle provides 12 000 rpm for high-speed milling, and allows rigid tapping at speeds up to 5 000 rpm.



[Specifications]

Travels	DT-1
X	508 mm
Y	406 mm
Z	394 mm

Table	
Length	660 mm
Width	381 mm
Max Weight on Table ¹	113 kg

Spindle	
Speed	12 000 rpm
Drive System	Inline Direct Drive
Max Torque	62 Nm @ 1 700 rpm
Max Rating	11,2 kW

Tapping	
Max Tapping Speed	5 000 rpm
Max Tap Size (aluminum)	M12-1,75

Feedrates	
Max Rapids	61,0 m/min
Max Cutting	30,5 m/min
Axis Acceleration	up to 1G (9,8 m/sec ²)

Tool Changer	
Capacity	20+1
Tool Type/Taper	BT 30
Max Tool Diameter	51 mm
Chip to Chip	1,8 sec

General	
Power Required (min)	354 - 488 VAC 3-Phase
Coolant Capacity	170 L

Machining anchoring highly recommended.
Contact your HFO for additional information.



Operating Dimensions DT-1

A.	Max Operating Height	2 616 mm
B.	Max Operating Width	1 727 mm
C.	Max Operating Depth**	2 540 mm
D.	Max Operating Depth w/coolant tank	3 150 mm

** With control swung forward. Additional 914 mm required to open rear service panel.



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