

[Special Series]

Haas MDC-500



The Mill Drill Center

Standard Haas 40-taper,
8100-rpm, 30 hp
inline direct-drive spindle

Standard side-mount
tool changer, 24+1 tools

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



Belt-type chip
conveyor standard

Dual fixture stations allow the
operator to load/unload parts
while others are being machined

Warranty: 1 Year Parts and Labor

[Standard Features]

- 30 hp Vector Drive
- 8100-rpm Inline Direct-Drive Spindle
- Dual Fixture Stations
- 1000 ipm Rapids
- Side-Mount Tool Changer, 24+1 Tools
- Belt-Type Chip Conveyor
- Rigid Tapping
- 15" Color LCD Monitor w/USB Port
- User-Friendly Haas Control
- ISO Standard G-Code Programming
- Easy to Set Up and Operate
- Made in the USA

[Options] partial list

- 8100-rpm Geared-Head Spindle,
- 10,000-rpm Geared-Head Spindle
- 10,000-rpm Inline Direct-Drive Spindle
- 15,000-rpm Spindle
- 4th-Axis Drive
- Through-Spindle Coolant Systems
- Programmable Coolant Nozzle
- High-Speed Machining w/Look-Ahead
- Haas Intuitive Programming System
- Wireless Intuitive Probing System



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

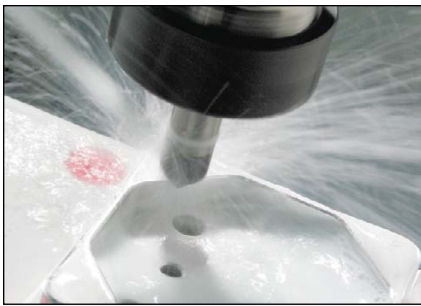
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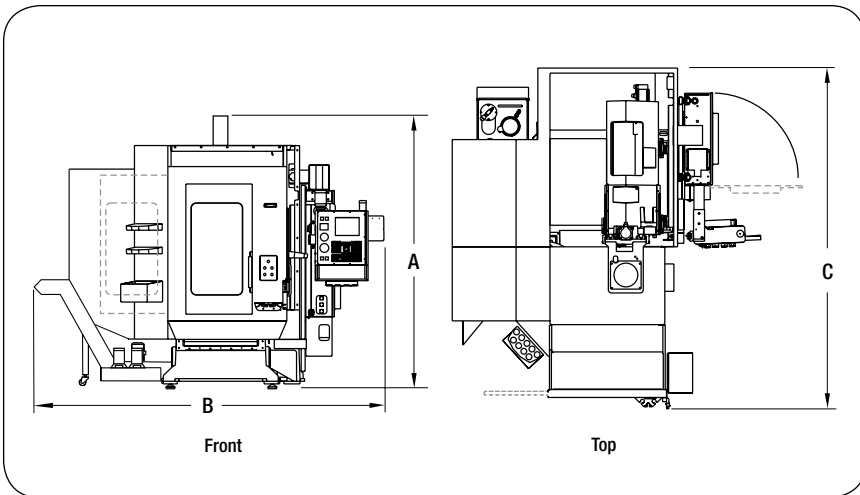
The Haas MDC-500 is a state-of-the-art machining center that provides high-speed drilling and tapping, as well as full milling capabilities, in a versatile package designed for high-volume production. It features 20" x 14" x 20" travels, dual fixture stations and an 8100-rpm spindle.



Whether it's drilling and tapping or full-on milling, the Haas MDC-500 has the power and speed necessary to meet the challenge.



4th-axis option allows the use of rotary tables for multi-sided and complex parts.



Operating Dimensions **MDC-500**

A. Max Operating Height	113"	2 870 mm
B. Max Operating Width	143"	3 632 mm
C. Max Operating Depth	134"	3 404 mm

[Specifications]

Travels

X	20"	508 mm
Y	14"	356 mm
Z	20"	508 mm

Load Stations

Table Size	20" x 12.75"	508 x 324 mm
Capacity (per station, balanced load)	700 lb	318 kg
Load Station Change Time	4.7 sec	

Spindle

Speed	8100 rpm
Drive System	Inline Direct-Drive
Max Rating	30 hp 22.4 kW
Max Torque	90 ft-lb @ 2000 rpm 122 Nm @ 2000 rpm

Feedrates

Rapids	1000 ipm 25.4 m/min
Max Cutting	833 ipm 21.2 m/min

Tool Changer

Capacity	24+1
Tool Taper/Type	CT or BT 40
Max Tool Diameter	3.0" 76 mm
Max Tool Weight	12 lb 5.4 kg
Tool to Tool Chip to Chip	2.2 sec 4.8 sec

General

Machine Weight	14,000 lb 6 350 kg
Coolant Capacity	55 gal 208 L
Power Required (min)	195 - 260 VAC 3-Phase
Air Required	9 scfm @ 100 psi 255 Lpm @ 6.9 bar



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