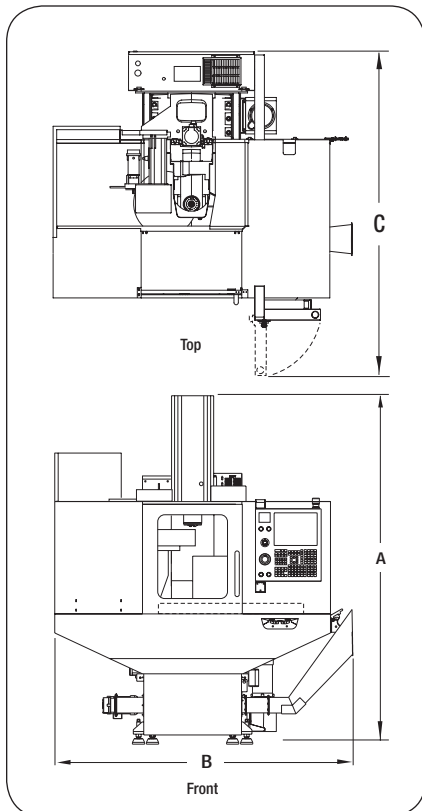


Haas MM2 Series

The Mini Mill 2 & Super Mini Mill 2



Haas Mini Mills are the industry standard for compact machining centers, and now they're available with longer travels. The Mini Mill 2 and Super Mini Mill 2 offer the same combination of small footprint, full CNC capabilities and affordable price, but with extended travels of 20" x 16" x 14" – a 4" increase on each axis. Need more tools? The MM2 has options for a 20-pocket carousel tool changer or a 24+1 tool side-mount.



Operating Dimensions

A. Max Operating Height	103" 2616 mm
B. Max Operating Width	85" 2159 mm
C. Max Operating Depth	93" 2362 mm



Mini Mill 2

Automatic 10-pocket
40-taper tool changer

Shop-proven, 6000-rpm
vector drive spindle

Standard, user-friendly,
full-function Haas control

600 ipm rapids,
500 ipm cutting feeds

Single- or three-phase power

Compact footprint

Super Mini Mill 2

ENHANCED Automatic 10-pocket
40-taper tool changer provides
fast 3-second tool changes

ENHANCED Shop-proven, vector
drive spindle features 10,000 rpm
and rigid tapping

40" x 14" table handles
parts up to 500 lb

ENHANCED High-pitch ballscrews
and powerful brushless servos
provide 1200 ipm rapids

The **Super** Mini Mill 2 also
includes a coolant system

Three-phase power

Compact footprint



Warranty: 1 Year Parts and Labor



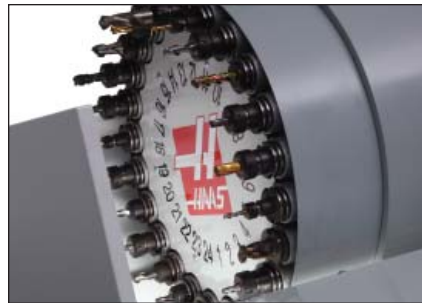
Haas Automation, Inc. | www.HaasCNC.com | 800-331-6746 | Made in U.S.A.

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



Haas MM2 Series

The Mini Mill 2 & Super Mini Mill 2



The longer travels and larger table of the Mini Mill 2 and Super Mini Mill 2 provide more room for larger parts and multiple fixtures.

The optional side-mount tool changer holds 24 tools plus one in the spindle. Side-mount tool changers provide more tools, more workspace and faster tool changes to increase your productivity and reduce setup times.

[Specifications]

Travels	Mini Mill 2	Super Mini Mill 2
X	20" 508 mm	20" 508 mm
Y	16" 406 mm	16" 406 mm
Z	14" 356 mm	14" 356 mm
Spindle Nose to Table Top (approx.)	4"-18" 102 - 457 mm	4"-18" 102 - 457 mm

Table	Mini Mill 2	Super Mini Mill 2
Length (total)	40" 1 016 mm	40" 1 016 mm
Width	14" 356 mm	14" 356 mm
Max Weight on Table	500 lb 227 kg	500 lb 227 kg

T-Slots	Mini Mill 2	Super Mini Mill 2
T-Slot Width	5/8"	16 mm
Number of T-Slots	3	
Center Distance	4.9"	125 mm

Spindle	Mini Mill 2	Super Mini Mill 2
Taper Size	#40	#40
Speed	0-6000 rpm	0-10,000 rpm
Drive System	Belt-Driven	Belt-Driven
Max Torque	33 ft-lb @ 1200 rpm 45 Nm @ 1200 rpm	17 ft-lb @ 4600 rpm 23 Nm @ 4600 rpm
Max Rating	7.5 hp 5.6 kW	15 hp 11.2 kW

Brushless Axis Motors	Mini Mill 2	Super Mini Mill 2
Max Thrust Rating	2000 lb	8 896 N

Feedrates	Mini Mill 2	Super Mini Mill 2
Max Rapids	600 ipm 15.2 m/min	1200 ipm 30.5 m/min
Max Cutting	500 ipm 12.7 m/min	833 ipm 21.2 m/min

Tool Changer (standard)	Mini Mill 2	Super Mini Mill 2
Capacity	10	
Type	CT or BT 40	
Max Tool Diameter	3.5" 89 mm	
Max Tool Weight	12 lb 5.4 kg	
Tool to Tool	3.6 sec	3.0 sec
Chip to Chip	5.0 sec	3.8 sec

Tool Changer (optional)	Mini Mill 2	Super Mini Mill 2
Capacity	20 / 24+1	24+1
Type	CT or BT 40	
Tool to Tool	3.6 sec / 2.8 sec	1.6 sec
Chip to Chip	5.0 sec / 3.6 sec	2.2 sec

Accuracy	Mini Mill 2	Super Mini Mill 2
Positioning	±0.0002"	±0.005 mm
Repeatability	±0.0001"	±0.003 mm

General	Mini Mill 2	Super Mini Mill 2
Machine Weight†	4000 lb 1 814 kg	4000 lb 1 814 kg
Air Required	4 scfm @ 100 psi 113 Lpm @ 6.9 bar	4 scfm @ 100 psi 113 Lpm @ 6.9 bar
Power Required (min)	208 VAC 3-Phase, 30 A 240 VAC 1-Phase, 50 A	208 VAC 3-Phase, 50 A

†Estimated weight, may vary with optional equipment.

Mini Mill 2

[Standard Features]

- Full VMC Capabilities
- 20" x 16" x 14" (xyz) Travels
- Full Enclosure
- 10-Pocket Tool Changer
- Standard 40-Taper Tooling
- 40" x 14" Table
- 6000-rpm Vector Drive Spindle
- 600 ipm Rapids
- 15" Color LCD Monitor w/USB Port
- Direct Speed, Belt Drive
- Accepts Single- or Three-Phase Power*
- User-Friendly Haas Control
- Easy to Set Up and Operate
- Made in the USA

[Options]

- BT40
- Chip Auger
- Coolant Pump Kit
- Programmable Coolant Nozzle
- 20-Pocket Tool Changer
- 24+1 Tool Side-Mount Tool Changer
- 4th- and 5th-Axis Drives
- Coordinate Rotation & Scaling
- High-Speed Machining w/Look-Ahead
- User-Definable Macros
- Haas Intuitive Programming System
- Rigid Tapping
- Spindle Orientation
- 750 MB Program Memory

*Three-phase only w/SMTC option

Super Mini Mill 2

[Standard Features]

- Full VMC Capabilities
- 20" x 16" x 14" (xyz) Travels
- Full Enclosure
- High-Speed 10-Pocket Tool Changer
- Standard 40-Taper Tooling
- 40" x 14" Table
- 10,000-rpm Vector Drive Spindle
- 1200 ipm Rapids
- Rigid Tapping
- 15" Color LCD Monitor w/USB Port
- Coolant Pump Kit
- Direct Speed, Belt Drive
- Three-Phase Power
- User-Friendly Haas Control
- Easy to Set Up and Operate
- Made in the USA

[Options]

- BT40
- 15,000-rpm Spindle
- Chip Auger
- Through-Spindle Coolant
- Programmable Coolant Nozzle
- High-Speed 24+1 Tool SMTC
- 4th- and 5th-Axis Drives
- Coordinate Rotation & Scaling
- High-Speed Machining w/Look-Ahead
- User-Definable Macros
- Haas Intuitive Programming System
- Spindle Orientation
- 750 MB Program Memory



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