



THE VM SERIES

Specialized VMCs for the mold making industry

DESIGNED AND BUILT FOR MOLD MAKING

Building on the proven versatility of the Haas VF Series, VM mold machines form a scalable platform engineered specifically for mold making and high-precision finishing.

Super Speed Features on VMs

All the benefits of a VF Super Speed model come standard on the VM series, and help to create a more accurate, and repeatable machine.



Small VMs

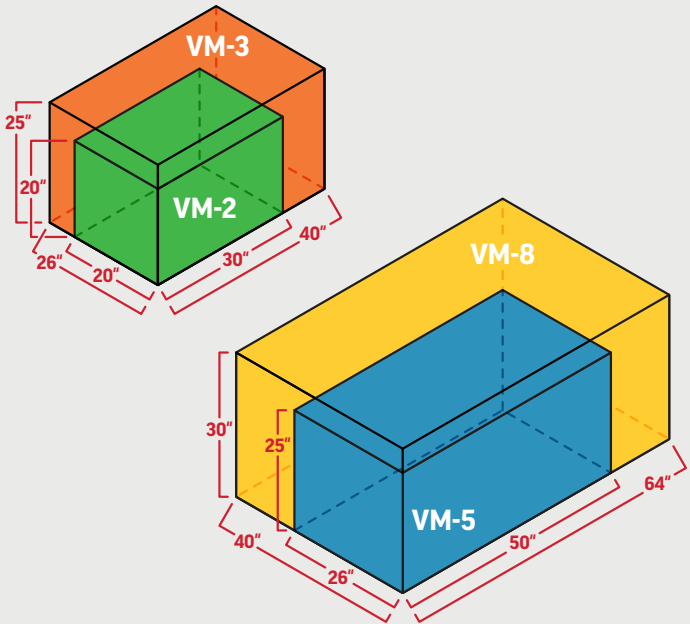
These mills offer compact footprints without sacrificing the abilities of the larger mold-making models.

Taper	40-Taper
Tool Changer	Up to 70+1

Medium VMs

These models offer a good balance of value, with more table space and increased weight capacity.

Taper	40 and 50-Taper
Tool Changer	Up to 70+1



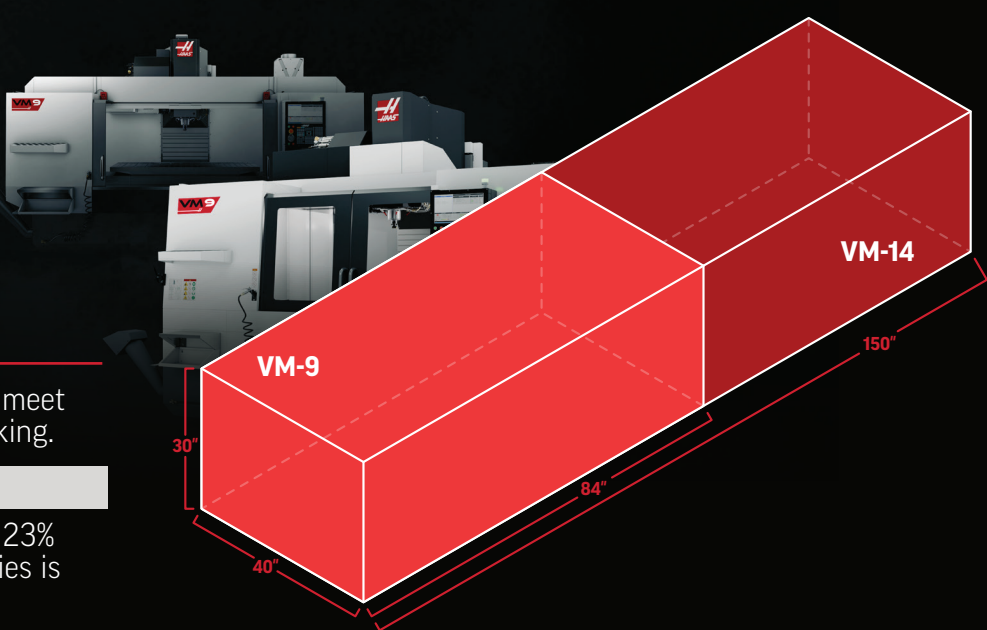
THE VM SERIES IS GROWING

Large VMs

The VM Series continues to expand to meet the growing scale of modern mold making.

An Expanding Work Volume

The VM-9 has a work envelope that is 23% larger than the VM-8. And the VM Series is only getting bigger.

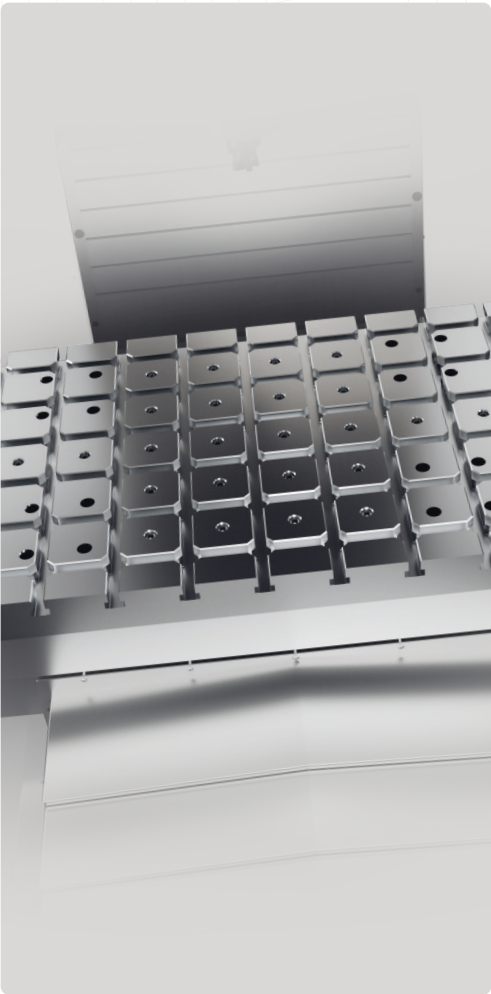


ACCURACY AND STABILITY



High-Speed Spindle:

Spindle Speeds are matched to your Taper. 12k rpm standard on 40T models, with options for 15k & 18k. 10k rpm on 50T with an optional 12k rpm for even faster spindle speeds.



Purpose-Built Table:

Mold-focused table designs with T-slots and mounting holes, support flexible fixturing and rigid workholding for complex tooling.



Built-In Performance:

A programmable coolant nozzle, chip auger, and high-speed machining software come standard on every VM, so you're not paying extra to machine the way mold work demands.

50-Taper VM Models

Enhanced Rigidity

Nearly 4x the shank contact area of a 40-taper, meaning less chatter and better rigidity for larger and longer tools.

Massive Torque Delivery

A rigid frame and powerful 2-speed gearbox provide up to 350 ft-lb of torque for heavy-duty cutting.



50-Taper VM Models: VM-3/50 VM-5/50 VM-6/50 VM-8/50 VM-9/50 VM-10/50 VM-11/50

Mold Machine Travels Comparison

Models	Tapers	Travels		
		X	Y	Z
VM-2	40T / 50T	30" (762 mm)	20" (508 mm)	20" (508 mm)
VM-3	40T / 50T	40" (1016 mm)	26" (660 mm)	25" (635 mm)
VM-5	40T / 50T	50" (1270 mm)	26" (660 mm)	25" (635 mm)
VM-6	40T / 50T	64" (1626 mm)	32" (813 mm)	30" (762 mm)
VM-8	40T / 50T	64" (1626 mm)	40" (1016 mm)	30" (762 mm)
VM-9	40T / 50T	84" (2134 mm)	40" (1016 mm)	30" (762 mm)
VM-10	40T / 50T	120" (3048 mm)	32" (813 mm)	30" (762 mm)
VM-11	40T / 50T	120" (3048 mm)	40" (1016 mm)	30" (762 mm)
VM-12	40T	150" (3810 mm)	32" (813 mm)	30" (762 mm)
VM-14	40T	150" (3810 mm)	40" (1016 mm)	30" (762 mm)

Rotary Tables

4th- and 5th-Axis Capability

Full 4th- and 5th-axis capability lets you tackle complex work that normally require multiple machines or setups.

Higher Accuracy, Less Handling

Rotary tables let the machine do the moving, enabling tighter tolerances, and delivering more consistent results across the whole run.



THE PREMIUM HAAS CONTROL

Touchscreen Interface
Widescreen Monitor
Dedicated Keypad
One-Button Features
Multi-Function Jog Handle
Color LCD Screen

Ethernet Interface
USB Port
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HaasDrop Wireless File Transfer
HaasConnect Mobile Monitoring
Advanced Tool

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Power-Failure Detection
Safe Run
Surge Protection

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