



Automatic Parts Loaders

Haas Automatic Parts Loaders are simple and affordable ways to automate part production and boost productivity. They are designed and built exclusively for use on Haas turning centers and VMCs, and connect directly to the Haas Control.

APLs AVAILABLE ON:

VF Series Vertical Mills:
VF-1, 2, 2SS, 2YT, 2SSYT, VM-2

UMC Series:
UMC-500, 500SS

ST Series Turning Centers:
ST-10V, 15V, 20, 20V, 25, 25V, 28, 28V

- All-inclusive design, with plug-and-play capabilities
- Interfaces directly with the Haas control
- Includes light curtain for safe operation (non-CE)
- CE compliance requires the optional safety guard fencing

COMPACT APLs AVAILABLE ON:



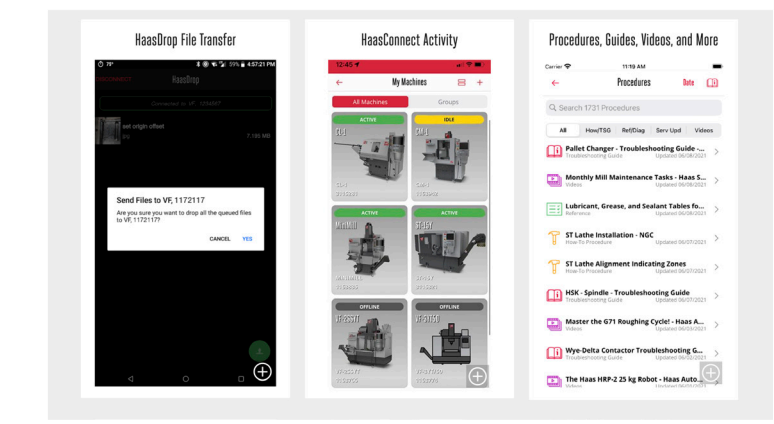
Mini Mill, Super Mini Mill,
DT Series, DM Series, VF-2,
VF-2SS, VF-2YT, VF2SSYT

MyHaas: Your All-In-One App from Haas

MyHaas is a mobile app containing a comprehensive suite of functionality for Haas CNC machines, including tool ordering, a speeds & feeds calculator, easy access to service procedures, machine monitoring, troubleshooting guides, videos, and more. PLUS, the MyHaas app now contains all the features and functionality of HaasConnect and HaasDrop in one app!



Download the MyHaas App now for Android or iOS! Or sign up now at HaasCNC.com/myhaas



Local Support & Unbeatable Service

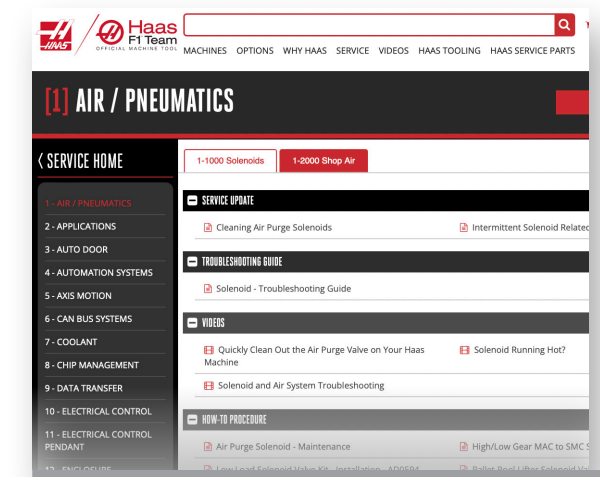
When you purchase a Haas, you gain access to a global network of highly skilled Haas service engineers and local Haas Factory Outlets (HFOs). Plus, you'll have 24/7 access to online technical documents, operator manuals, and video tutorials. From installation and training, to service and technical support – Haas has you covered.

Online Resources

Access our manuals, drawings, and instructional videos online, 24/7 – to help you learn about, operate, and maintain your Haas CNC machine.

Haas Platinum One-Call Service

Get expert service and a dependable, immediate response to keep you making chips.



Certified Technicians

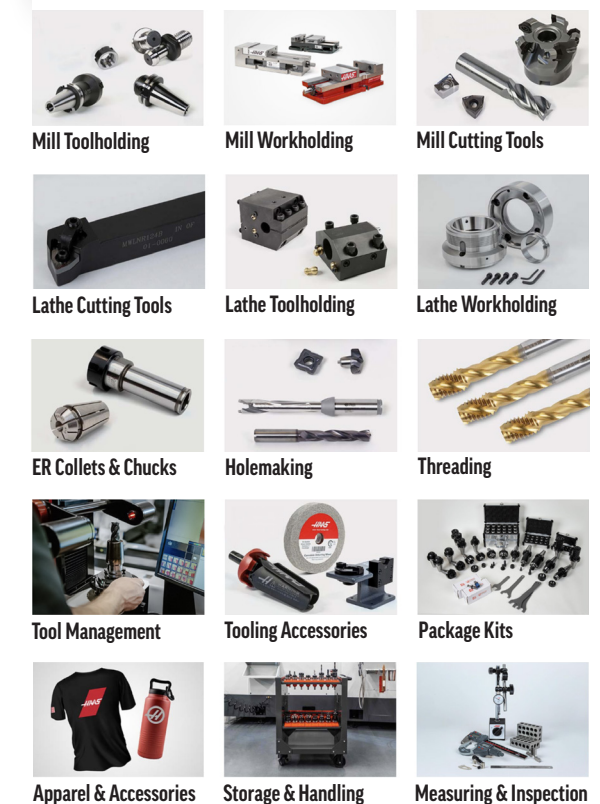
Every Haas Factory Outlet fields a complete service department staffed with factory-trained and -certified personnel. Haas owners receive state-of-the-art service through our worldwide network of Haas Factory Outlets.

Local Parts Availability

Every Haas Factory Outlet stocks an extensive inventory of service and maintenance parts for quick access. Our California and European headquarters can ship a needed replacement part to the HFO the same day it's ordered – 99% of the time.

Fair Spares Pricing

We believe that reasonably priced replacement parts are a big part of a machine's overall value. We're not interested in gouging a customer in need. Your loyalty is more important.

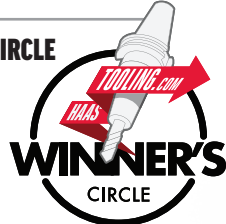


Low Prices • High Quality • Fast & Free Delivery

HaasTooling.com sells high-performance end mills, shell mills, toolholders, and just about every other tool that your machine shop needs! What started with cutting tools has expanded into a wide range of tooling and workholding categories, including partnerships with industry leaders like Kurt and Mitee-Bite. We only sell tools we believe in, and every tool found on HaasTooling.com has undergone rigorous testing before becoming available to you.

SAVE EVEN MORE WITH WINNER'S CIRCLE

- Up To 8% Off Every Tooling Purchase
- Free Express Delivery on All Orders Under 15 lb (10 kg) and Over \$49/€49
- 1 Membership for Your Entire Company
- Order Online, With a Machine, or From Your HFO

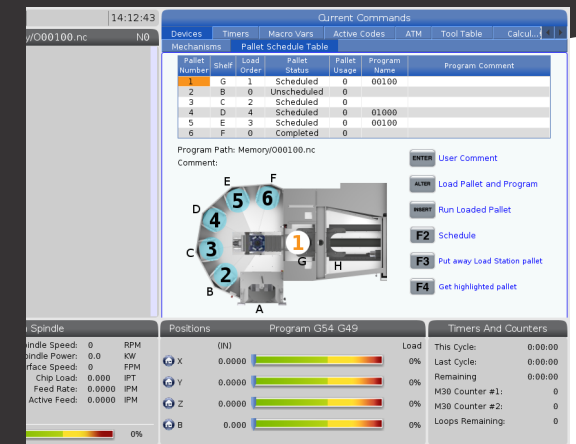


MODEL GUIDE



HIGH-PERFORMANCE MACHINE TOOLS

AUTOMATION IS IN OUR DNA



PALLET POOLS AVAILABLE ON:

UMC-500/SS
UMC-750/SS
UMC-1000/SS
UMC-1250/SS
EC-400

VC-400/SS
VF-2YT/SSYT
VF-4/SS
VM-2

Haas Pallet Pools

Haas Pallet Pool systems are perfect for high-volume production runs, or high-mix/low-volume machining. They integrate seamlessly with the Haas control, which includes a simplified Pallet Schedule Table that allows pallet-scheduling functions from a single dedicated screen.

Pallets can be scheduled individually according to priority and sequencing requirements, allowing high-priority parts to be machined first or staged more often. Completed pallets are returned automatically to the holding location, or can be sent to a protected operator station for immediate unloading and reloading.



WE HAVE CHOICES FOR ROBOT SOLUTIONS



COBOT SYSTEMS
5 kg to 30 kg Capacity



PALLET LOADER
Up to 25 kg Capacity



INDUSTRIAL ROBOTS
7 kg to 50 kg Capacity



Haas Automation, Inc., 2800 Sturgis Road, Oxnard, CA, USA, +1-805-278-1800
Haas Automation Europe, Mercuriusstraat 28, B-1930 Zaventem, Belgium, +32 2 522 99 05

VERTICAL MACHINING CENTERS TURNING CENTERS HORIZONTAL MACHINING CENTERS ROTARIES AND INDEXERS



- Small**
- VF-1 20" x 16" x 20" (xyz)
508 x 406 x 508 mm
 - VF-2 30" x 16" x 20" (xyz)
762 x 406 x 508 mm
 - VF-2SS 30" x 16" x 20" (xyz)
762 x 406 x 508 mm
 - VF-2TR 30" x 16" x 20" (xyz)
762 x 406 x 508 mm
 - VF-2YT 30" x 20" x 20" (xyz)
762 x 508 x 508 mm
 - VF-2SSYT 30" x 20" x 20" (xyz)
762 x 508 x 508 mm

- Medium**
- VF-3 40" x 20" x 25" (xyz)
1016 x 508 x 635 mm
 - VF-3SS 40" x 20" x 25" (xyz)
1016 x 508 x 635 mm
 - VF-3YT 40" x 26" x 25" (xyz)
1016 x 660 x 635 mm
 - VF-3SSYT 40" x 26" x 25" (xyz)
1016 x 660 x 635 mm
 - VF-3YT/50 40" x 26" x 25" (xyz)
1016 x 660 x 635 mm
 - VF-4 50" x 20" x 25" (xyz)
1270 x 508 x 635 mm

- Toolroom Series**
- TM-0 20" x 12" x 16" (xyz)
508 x 305 x 406 mm
 - TM-0P 20" x 12" x 16" (xyz)
508 x 305 x 406 mm
 - TM-1 30" x 16" x 16" (xyz)
762 x 406 x 406 mm
 - TM-1P 30" x 16" x 16" (xyz)
762 x 406 x 406 mm
 - TM-2 40" x 16" x 16" (xyz)
1016 x 406 x 406 mm
 - TM-2P 40" x 16" x 16" (xyz)
1016 x 406 x 406 mm

Machines shown with optional equipment. Specifications subject to change without notice. Machines not shown to scale. Some models may not be available in all regions. Contact your local HFO for availability.

VF Series

- VF-4SS 50" x 20" x 25" (xyz)
1270 x 508 x 635 mm
- VF-5 50" x 26" x 25" (xyz)
1270 x 660 x 635 mm
- VF-5SS 50" x 26" x 25" (xyz)
1270 x 660 x 635 mm
- VF-5TR 50" x 26" x 25" (xyz)
1270 x 660 x 635 mm
- VF-5XT 60" x 26" x 25" (xyz)
1524 x 660 x 635 mm
- VF-5/50 50" x 26" x 25" (xyz)
1270 x 660 x 635 mm
- VF-5/50TR 50" x 26" x 25" (xyz)
1270 x 660 x 635 mm
- VF-5/50XT 60" x 26" x 25" (xyz)
1524 x 660 x 635 mm
- VF-6 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6SS 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6TR 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6/50 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6/50TR 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm

Large

- VF-6 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6SS 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6TR 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6/50 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm
- VF-6/50TR 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm

Desktop Series

- Desktop Mill 6" x 10" x 3" (xyz)
152 x 254 x 76 mm
- Desktop Lathe 0.75" x 2.75" (max cap)
19 x 70 mm

Universal Machines

- UMC-350HD-EDU 15" x 14" x 12" (xyz)
381 x 356 x 305 mm
- UMC-400 17" x 11" x 13" (xyz)
432 x 279 x 330 mm
- UMC-400SS 17" x 11" x 13" (xyz)
432 x 279 x 330 mm
- UMC-500 24" x 16" x 16" (xyz)
610 x 406 x 406 mm
- UMC-500SS 24" x 16" x 16" (xyz)
610 x 406 x 406 mm
- UMC-750 30" x 20" x 20" (xyz)
762 x 508 x 508 mm
- UMC-750SS 30" x 20" x 20" (xyz)
762 x 508 x 508 mm
- UMC-1000 40" x 25" x 25" (xyz)
1016 x 635 x 635 mm
- UMC-1000-P 40" x 25" x 25" (xyz)
1016 x 635 x 635 mm
- UMC-1000SS 40" x 25" x 25" (xyz)
1016 x 635 x 635 mm
- UMC-1000SS-P 40" x 25" x 25" (xyz)
1016 x 635 x 635 mm
- UMC-1250 50" x 30" x 28" (xyz)
1270 x 762 x 711 mm
- UMC-1250SS 50" x 30" x 28" (xyz)
1270 x 762 x 711 mm
- UMC-1500-DUO 60" x 20" x 20" (xyz)
1524 x 508 x 508 mm
- UMC-1500SS-DUO 60" x 20" x 20" (xyz)
1524 x 508 x 508 mm

Mold Machines

- VM-2 30" x 20" x 20" (xyz)
762 x 508 x 508 mm
- VM-3 40" x 26" x 25" (xyz)
1016 x 660 x 635 mm
- VM-6 64" x 32" x 30" (xyz)
1626 x 813 x 762 mm

Drill/Tap/Mill Series

- DT-1 20" x 16" x 15.5" (xyz)
508 x 406 x 394 mm
- DT-2 28" x 16" x 15.5" (xyz)
711 x 406 x 394 mm
- DM-1 20" x 16" x 15.5" (xyz)
508 x 406 x 394 mm
- DM-2 28" x 16" x 15.5" (xyz)
711 x 406 x 394 mm

Mini Mills

- Mini Mill 16" x 14" x 15" (xyz)
406 x 356 x 381 mm
- Super Mini Mill 16" x 14" x 15" (xyz)
406 x 356 x 381 mm
- Mini Mill-EDU 16" x 14" x 15" (xyz)
406 x 356 x 381 mm

Dual-Pallet

- VC-400 22" x 16" x 20" (xyz)
559 x 406 x 508 mm
- VC-400SS 22" x 16" x 20" (xyz)
559 x 406 x 508 mm

Compact Mills

- CM-1 12" x 10" x 14" (xyz)
305 x 254 x 356 mm

Drill Centers

- DC-1 23.6" x 17.7" x 13" (xyz)
600 x 450 x 330 mm
- DC-2 39.4" x 19.7" x 13" (xyz)
1000 x 500 x 330 mm

Gantry Series

- GM-1 121" x 61" x 16" (xyz)
3073 x 1549 x 406 mm
- GM-2 145" x 87.5" x 22" (xyz)
3683 x 2223 x 559 mm
- GM-2-5AX 145" x 87.5" x 39.3" (xyz)
3683 x 2223 x 998 mm

Extra-Large VMC

- VS-1 100" x 50" x 50" (xyz)
2540 x 1270 x 1270 mm
- VS-3 150" x 50" x 50" (xyz)
3810 x 1270 x 1270 mm

Double-Column

- HDC-3-5-AX 150" x 106" x 43" (xyz)
3810 x 2692 x 1092 mm

ST Series

Standard

- ST-10" 1.75" Bar (44 mm)
- ST-15" 2.5" Bar (63.5 mm)
- ST-20" 2.5" Bar (63.5 mm)
- ST-25" 3.0" Bar (76 mm)
- ST-28" 4.0" Bar (102 mm)
- ST-30 3.0" Bar (76 mm)
- ST-35 4.0" Bar (102 mm)

Y-Axis

- ST-10Y" 1.75" Bar (44 mm)
- ST-15Y" 2.5" Bar (63.5 mm)
- ST-20Y" 2.5" Bar (63.5 mm)
- ST-25Y" 3.0" Bar (76 mm)
- ST-28Y" 4.0" Bar (102 mm)
- ST-30Y 3.0" Bar (76 mm)
- ST-35Y 4.0" Bar (102 mm)

Dual-Spindle

- DS-30Y 3.0" Bar (76 mm)

Large-Bore

- ST-40S 4.0" Bar (102 mm)
- ST-40 4.0" Bar (102 mm)
- ST-40SY 4.0" Bar (102 mm)
- ST-40Y 4.0" Bar (102 mm)
- ST-40L 4.0" Bar (102 mm)
- ST-45S 7.0" Bore (178 mm)
- ST-45 7.0" Bore (178 mm)
- ST-45SY 7.0" Bore (178 mm)
- ST-45Y 7.0" Bore (178 mm)
- ST-45L 7.0" Bore (178 mm)
- ST-55 12.5" Bore (318 mm)

Long-Bed Models

- ST-10L 1.75" Bar (44 mm)
- ST-10LY 1.75" Bar (44 mm)
- ST-15L 2.5" Bar (63.5 mm)
- ST-15LY 2.5" Bar (63.5 mm)
- ST-20L 2.5" Bar (63.5 mm)
- ST-20LY 2.5" Bar (63.5 mm)
- ST-25L 3.0" Bar (76 mm)
- ST-25LY 3.0" Bar (76 mm)
- ST-28L 4.0" Bar (102 mm)
- ST-28LY 4.0" Bar (102 mm)

Long-Bed (cont.)

- ST-30L 3" Bore (76 mm)
- ST-30LY 3" Bore (76 mm)
- ST-35L 4.0" Bar (102 mm)
- ST-35LY 4.0" Bar (102 mm)

Chuck Lathe

- CL-1 1" Bar (25 mm)

ROTARIES & INDEXERS

Small Rotary

- HRT100
- HRT160
- HRT160SS
- HRT160SP
- HRT160-2
- HRTA5

Medium Rotary

- HRT210
- HRT210SS
- HRT210SP
- HRT210M
- HRT210-2
- HRTA6
- HRT310
- HRT310SS
- HRT310SP

Large Rotary

- HRT450
- HRT630
- HRT800
- HRT1000

EC Series

- EC-400 40 Taper
- EC-500 40 Taper
- EC-500/50 50 Taper
- EC-630 50 Taper
- EC-1600 50 Taper
- EC-1600ZT 50 Taper
- EC-1600ZT-5AX 50 Taper / 5-Axis

Single Spindle

- HA5C
- HA5C-T
- HA5CS

Multiple Spindle

- HA5C2
- HA5C2-T
- HA2TS
- HA5C3
- HA5C3-T
- HA5C4
- HA5C4-T

Trunnion

- TR160
- TR160-2
- TR200Y
- TR210
- TR310
- TR500SS

VR Series

- VR-8 2-Axis Head
- VR-9 2-Axis Head
- VR-11 2-Axis Head
- VR-14 2-Axis Head

Tilting Indexer

- T5C
- T5C2
- T5C3
- T5C4

Tilting Rotary

- TRT70
- TRT100
- TRT160
- TRT210
- TRT310

Through-Hole Rotary

- TH240
- TH450

Large Through-Hole

- LT350

*Finishing sub-spindle available, but not compatible with the APL.