



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-10Y, 15Y, 20, 20Y, 25, 25Y, 28, 28Y

- 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

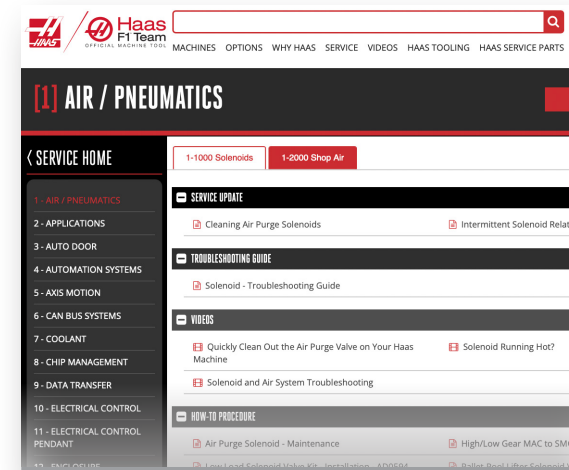
When you purchase a Haas, you gain access to a global network of highly skilled Haas service engineers and local Haas Factory Outlets (HFOs). Plus, you'll have 24/7 access to online technical documents, operator manuals, and video tutorials. From installation and training, to service and technical support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

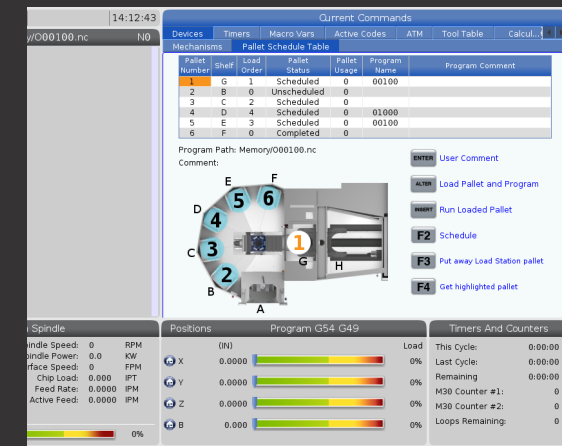


MODEL GUIDE



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.

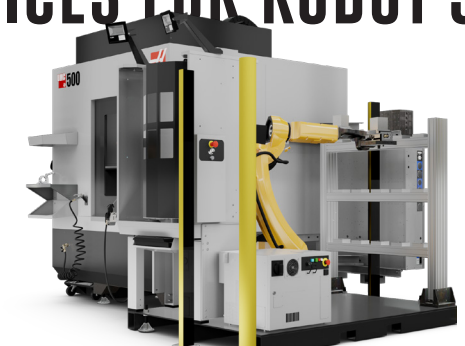
Pallets can be scheduled individually according to priority and sequencing requirements, allowing high-priority parts to be machined first or staged more often. Completed pallets are returned automatically to the holding location, or can be sent to a protected operator station for immediate unloading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

Machine With Available Option(s):



Automatic Parts Loader



Pallet Pool



Robot System

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 Super Speed	30" x 16" x 20" (xyz) 762 x 406 x 508 mm
VF-2TR 5-Axis	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 Super Speed	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 Super Speed	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 Super Speed	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 Tool Changer	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 Tool Changer	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 Tool Changer	40" x 16" x 16" (xyz) 1016 x 406 x 406 mm



TL-1	16" x 30" (max cap) 406 x 762 mm
TL-2	16" x 48" (max cap) 406 x 1219 mm
TL-1-EDU	16" x 30" (max cap) 406 x 762 mm

VF Series

VF-4SS Super Speed	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 Super Speed	50" x 26" x 25" (xyz) 1270 x 660 x 635 mm
VF-5TR 5-Axis	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 5-Axis	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 Super Speed	64" x 32" x 30" (xyz) 1626 x 813 x 762 mm
VF-6TR 5-Axis	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 5-Axis	64" x 32" x 30" (xyz) 1626 x 813 x 762 mm

Large

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 Coming Soon!	17" x 11" x 13" (xyz) 432 x 279 x 330 mm
UMC-400SS Super Speed / Coming Soon!	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 Super Speed	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 Super Speed	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 Profiling	40" x 25" x 25" (xyz) 1016 x 635 x 635 mm
UMC-1000SS Super Speed	40" x 25" x 25" (xyz) 1016 x 635 x 635 mm
UMC-1000SS-P Super Speed + Profiling	40" x 25" x 25" (xyz) 1016 x 635 x 635 mm
UMC-1250 Super Speed	50" x 30" x 28" (xyz) 1270 x 762 x 711 mm
UMC-1250SS Super Speed	50" x 30" x 28" (xyz) 1270 x 762 x 711 mm
UMC-1500-DUO Dual Table	60" x 20" x 20" (xyz) 1524 x 508 x 508 mm
UMC-1500SS-DUO Dual Table Super Speed	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 30 Taper	20" x 16" x 15.5" (xyz) 508 x 406 x 394 mm
DT-2 30 Taper	28" x 16" x 15.5" (xyz) 711 x 406 x 394 mm
DM-1 40 Taper	20" x 16" x 15.5" (xyz) 508 x 406 x 394 mm
DM-2 40 Taper	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

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

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
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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 Coming Soon	123" x 61" x 11" (xyz) 3124 x 1549 x 279 mm
GM-2 3-Axis	145" x 87.5" x 22" (xyz) 3683 x 2223 x 559 mm
GM-2-SAX 5-Axis	145" x 87.5" x 39.3" (xyz) 3683 x 2223 x 998 mm

Double-Column

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

Standard

ST-10"	12" x 16" (max cap) 305 x 406 mm
ST-15"	12" x 16" (max cap) 305 x 406 mm
ST-20"	13" x 22.5" (max cap) 330 x 572 mm
ST-25"	13" x 22.5" (max cap) 330 x 572 mm
ST-28"	13" x 22.5" (max cap) 330 x 572 mm
ST-30	15" x 32.5" (max cap) 381 x 826 mm
ST-35	15" x 32.5" (max cap) 381 x 826 mm

Y-Axis

ST-10Y"	11" x 16" (max cap) 279 x 406 mm
ST-15Y"	11" x 16" (max cap) 279 x 406 mm
ST-20Y"	11.75" x 22.5" (max cap) 298 x 572 mm
ST-25Y"	11.75" x 22.5" (max cap) 298 x 572 mm
ST-28Y"	11.75" x 22.5" (max cap) 298 x 572 mm
ST-30Y	13.75" x 32.5" (max cap) 349 x 826 mm
ST-35Y	13.75" x 32.5" (max cap) 349 x 826 mm

Dual-Spindle

DS-30Y	13.75" x 32.5" (max cap) 349 x 826 mm
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Large-Bore

ST-40S	30" x 28" (max cap) 762 x 711 mm
ST-40	30" x 44" (max cap) 762 x 1118 mm
ST-40SY	27.5" x 28" (max cap) 699 x 711 mm
ST-40Y	27.5" x 44" (max cap) 699 x 1118 mm
ST-40L	30" x 80" (max cap) 762 x 2032 mm
ST-45S	30" x 28" (max cap) 762 x 711 mm
ST-45	30" x 44" (max cap) 762 x 1118 mm
ST-45SY	27.5" x 28" (max cap) 699 x 711 mm
ST-45Y	27.5" x 44" (max cap) 699 x 1118 mm
ST-45L	30" x 80" (max cap) 762 x 2032 mm
ST-55	25.5" x 80" (max cap) 648 x 2032 mm

Long-Bed Models

ST-10L	12" x 32.5" (max cap) 305 x 826 mm
ST-10LY	11" x 32.5" (max cap) 279 x 826 mm
ST-15L	12" x 32.5" (max cap) 305 x 826 mm
ST-15LY	11" x 32.5" (max cap) 279 x 826 mm
ST-20L	13" x 42.5" (max cap) 298 x 1080 mm
ST-20LY	11.75" x 42.5" (max cap) 298 x 1080 mm
ST-25L	13" x 42.5" (max cap) 330 x 1080 mm
ST-25LY	11.75" x 42.5" (max cap) 298 x 1080 mm
ST-28L	13" x 42.5" (max cap) 330 x 1080 mm
ST-28LY	11.75" x 42.5" (max cap) 298 x 1080 mm

Long-Bed (cont.)

ST-30L	15" x 62.5" (max cap) 381 x 1588 mm
ST-30LY	13.75" x 62.5" (max cap) 349 x 1588 mm
ST-35L	15" x 62.5" (max cap) 381 x 1588 mm
ST-35LY	13.75" x 62.5" (max cap) 349 x 1588 mm

Chuck Lathe

CL-1	1" x 8" (max cap) 25.4 x 203 mm
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EC Series

EC-400	22" x 25" x 22" (xyz) 559 x 635 x 559 mm
EC-500	32" x 25" x 28" (xyz) 813 x 635 x 711 mm
EC-500/50	32" x 25" x 28" (xyz) 813 x 635 x 711 mm
EC-630	40" x 37" x 40" (xyz) 1016 x 940 x 1016 mm
EC-1600	64" x 50" x 32" (xyz) 1626 x 1270 x 813 mm
EC-1600ZT	64" x 50" x 40" (xyz) 1626 x 1270 x 1016 mm
EC-1600ZT-SAX	64" x 50" x 40" (xyz) 1626 x 1270 x 1016 mm

VR Series

VR-8	64" x 40" x 42" (xyz) 1626 x 1016 x 1067 mm
VR-9	84" x 40" x 42" (xyz) 2134 x 1016 x 1067 mm
VR-11	120" x 40" x 42" (xyz) 3048 x 1016 x 1067 mm
VR-14	150" x 40" x 42" (xyz) 3810 x 1016 x 1067 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	

Single Spindle

HA5C	
HA5C-T	
HA5CS	

Multiple Spindle

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

Trunnion

TR160	
TR160-2	
TR200Y	
TR210	
TR310	
TR500SS	

Tilting Indexer

T5C	
T5C2	
T5C3	
T5C4	

Tilting Rotary

TR170	
TR1100	
TR1160	
TR210	
TR310	

Through-Hole Rotary

TH240	
TH450	

Large Through-Hole

LT350	
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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.

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