



Haas
F1 Team

Sales Training

July 2025



Agenda



- Intro
 - Sales Numbers
 - Making the Deals
 - New Product Updates
 - Henderson Update
 - Selling More Than
-

Why Are We Having This Meeting?



- Re-iterate the message from Dealer Meeting
- Haas is not sitting idle during the tariff pandemic of 2025
- Clear strategy to grow product line and market share
- Giving HFOs all the tools to sell machines:
 - Pricing
 - Financing
 - New machines
 - Tooling
 - Shop Support machines
 - Inventory / short lead times
- Clear expectation that HFOs must be selling

What to expect from Haas



Basically, the same as I talked about last year in Chicago and earlier this year in Brussels.....

We plan on growing our business, regardless of what happens to the machine tool industry.

Short term we're dealing with the Tariffs, this will have an impact on our 2025 Sales & Revenue.

But our strategy has not changed. We will expand the product line, grow the ecommerce business, be aggressive with promotions, take market share and invest in the future!

We will get through the Tariffs and get back to growing!

2025 Growth Strategy



Growth Strategy *(same as 2024):*

- **#1: Make Haas machines Better!**
- **#2: Grow Market -Share**
 - Be aggressive on "Pricing"
 - Sell everything that our customers need for their shops.
 - Continue building a **One-Stop-Shop** for all our customers.
- **#3: Add new machines to our product line.**
 - Haas engineered, built and designed machines in America
 - Naked machines, using the "Haas Control" *(final assembled in America)*
 - Branded Haas Private label machines
- **#4: And grow our Ecommerce business**
 - Supply everything that our customers need.

#2: Take Market-Share



You can expect SUPER aggressive promotions in the coming months to get through these TARIFFS!

We will make it easy for your "sales staff" to take Market-Share from our competitors

I don't want to loss an order!

*Tell your customers not to wait, when business picks up,
THE SUPER DISCOUNTS WILL END.*

#2: Take Market-Share



Scott will provide special pricing (*2nd half 2025*) to get your customers to purchase machines during this period of
TARIFFS.

Don't wait until the economy gets better, when things get better and business picks up, the deals will end.

It's your job to get out there and sell Haas machines.



What Should You Take Away From This Training?

- You sell a technical product; you need to be technically proficient
- Stewards of nuance
- Haas and HFOs are unique in the industry
- Haas offers more value than any other builder
- HFOs offer more to the customer than other distributors
- Understand the tools Haas has available for you
- Where to go for information



What Does Haas Want Us to Focus On?

- Selling.....
- Selling the right machine to the right customer
- Making a part is like making a cake
- 90% rule
- Don't assume how something works, review the documentation and procedures
- Do not allow “wouldn't it be cool if.....”
- Be aware of customer's expectations
- Filter and amplify
- 80% of the market



What Is Haas Now?

- Supplier of a wide range of quality products to machine shops and manufactures
 - Machine Tools
 - Own designs
 - Naked and branded machines
 - Tooling
 - Haas Tooling
 - Shop Support
 - Air compressors, CMM, Laser Engravers, Knee Mills, Band Saws
- Control Builder
 - Top 5 control builder in the world
- HFO Network
- A brand



How Do You Sell Haas Today?



- Use the 'More Than' approach
- 6 specific topics





Sales Data

2024 Final Numbers



- We were positive on all our key metrics:
 - Revenue: \$1,074,000,000 (2023 was \$1,068B increase of \$6M)
 - Production: 10,381 (2023 was 10,055 increase of nearly 300)
 - Machine Orders: 10,400 (2023 was 9,515 increase of nearly 885)
 - Shipped Machines: 10,500 (2023 was 10,098 increase of nearly 400)
 - Rotary Tables Built: 2,021 (2023 was 1,757 increase of nearly 264)
 - Rotary Tables Sold: 2,055 (2023 was 1,894 increase of nearly 161)
 - Ecommerce Revenue: \$56 million (2023 was \$32 million)

Sales by Region - 2024



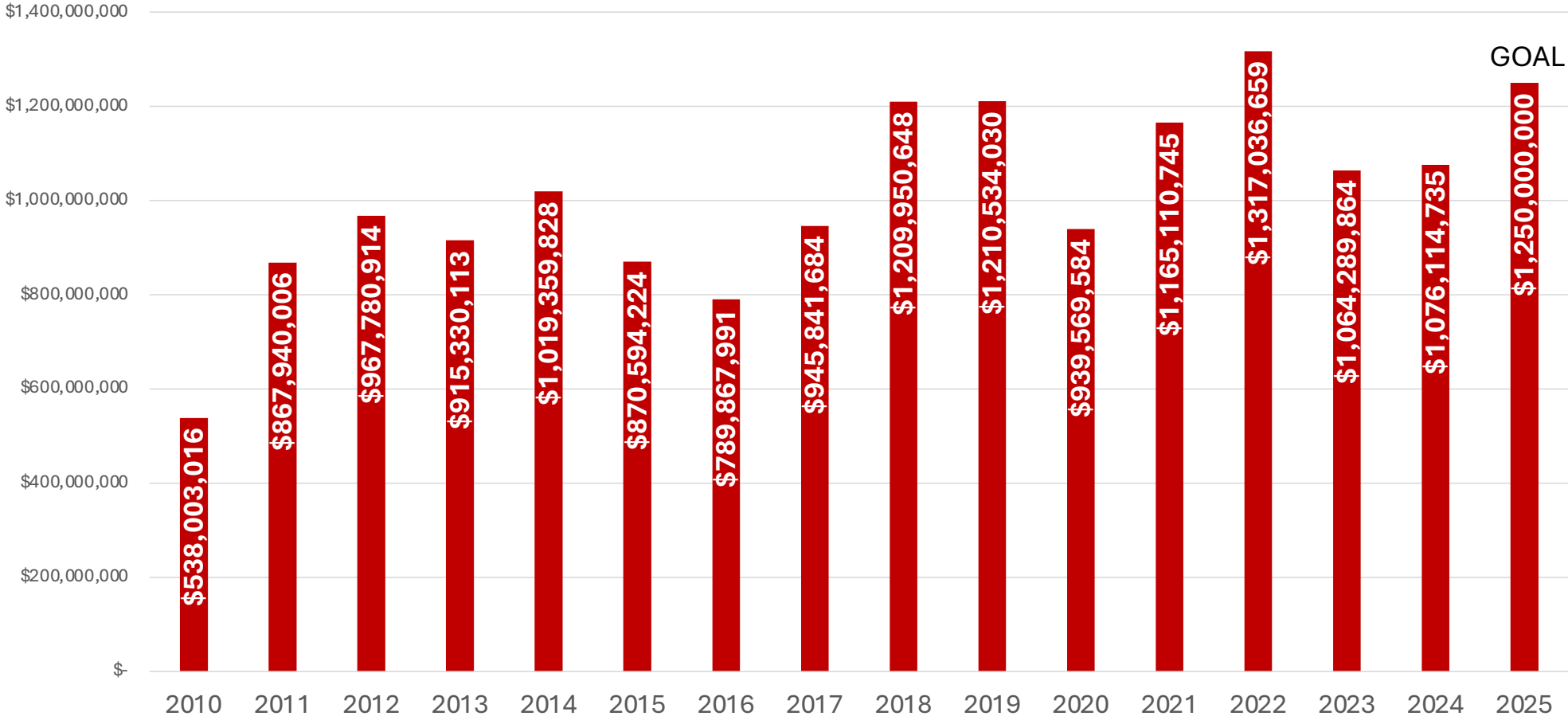
	Curr YTD	Perf to Past				Perf to Goal			
		Last YTD	Diff	Gain (%)	LastYr	Goal	YTD	Diff	Pct
United States	5,395	5,091	304	6%	5,091	5,891	5,891	-496	-8%
HAE	2,261	1,871	390	21%	1,871	3,004	3,004	-743	-25%
HAA	501	549	-48	-9%	549	917	917	-416	-45%
Canada	203	207	-4	-2%	207	238	238	-35	-15%
Mexico	739	627	112	18%	627	850	850	-111	-13%
United Kingdom	263	245	18	7%	245	325	325	-62	-19%
India	534	545	-11	-2%	545	850	850	-316	-37%
Rest of World	583	380	203	53%	380	922	922	-339	-37%
Total Sales	10,479	9,515	964	10%	9,515	12,447	12,447	-1,968	-16%

Sales by Region – HY1-2025

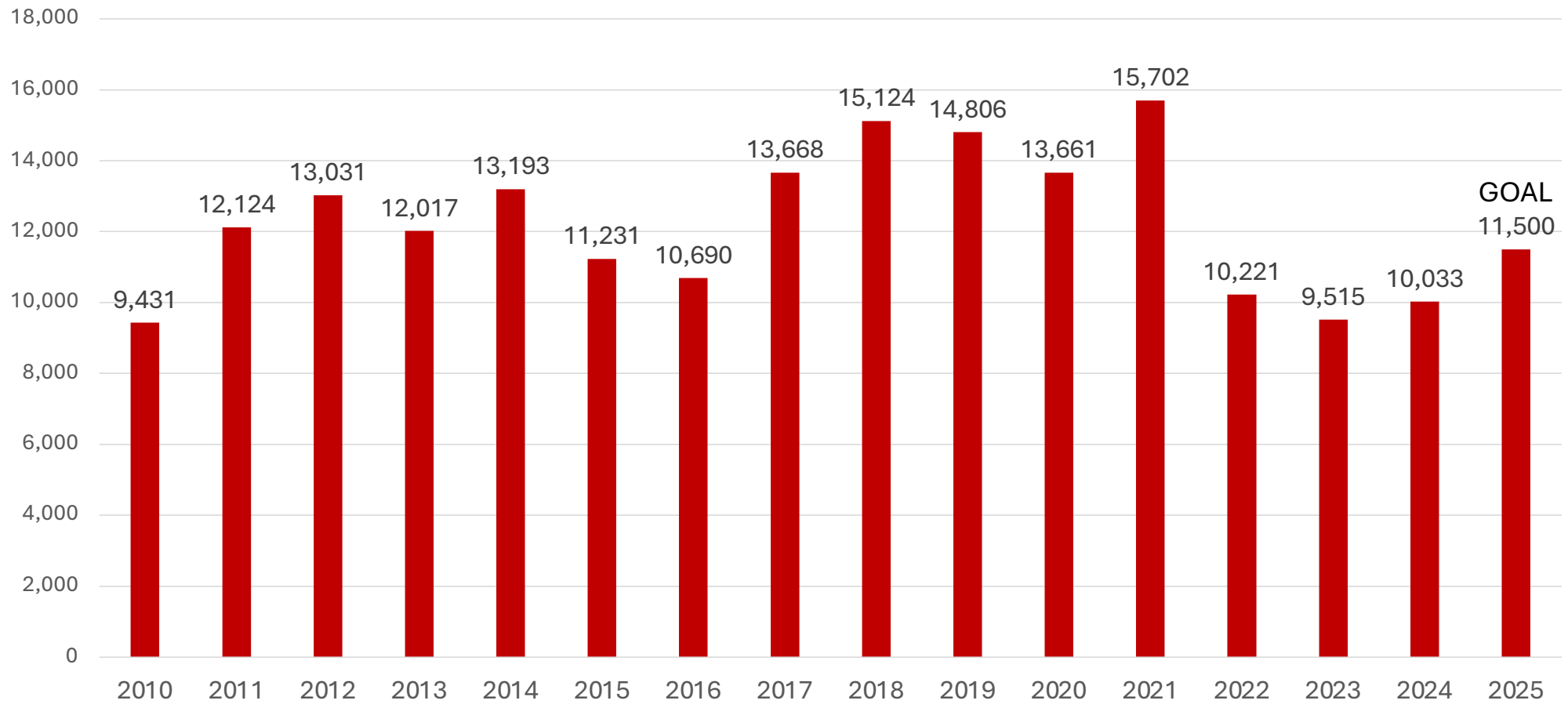


	Curr YTD	Perf to Past				Perf to Goal			
		Last YTD	Diff	Gain (%)	LastYr	Goal	YTD	Diff	Pct
United States	2,523	2,524	-1	0%	5,339	5,900	2,950	-427	-14%
HAE	944	1,162	-218	-19%	2,248	2,707	1,354	-410	-30%
HAA	106	319	-213	-67%	493	0	0	106	0%
Canada	88	105	-17	-16%	202	223	112	-24	-21%
Mexico	115	242	-127	-52%	734	888	444	-329	-74%
United Kingdom	109	139	-30	-22%	263	300	150	-41	-27%
India	319	262	57	22%	529	650	325	-6	-2%
Rest of World	290	266	24	9%	581	2,720	1,360	-1,070	-79%
Total Sales	4,494	5,019	-525	-10%	10,389	11,606	5,803	-1,309	-23%

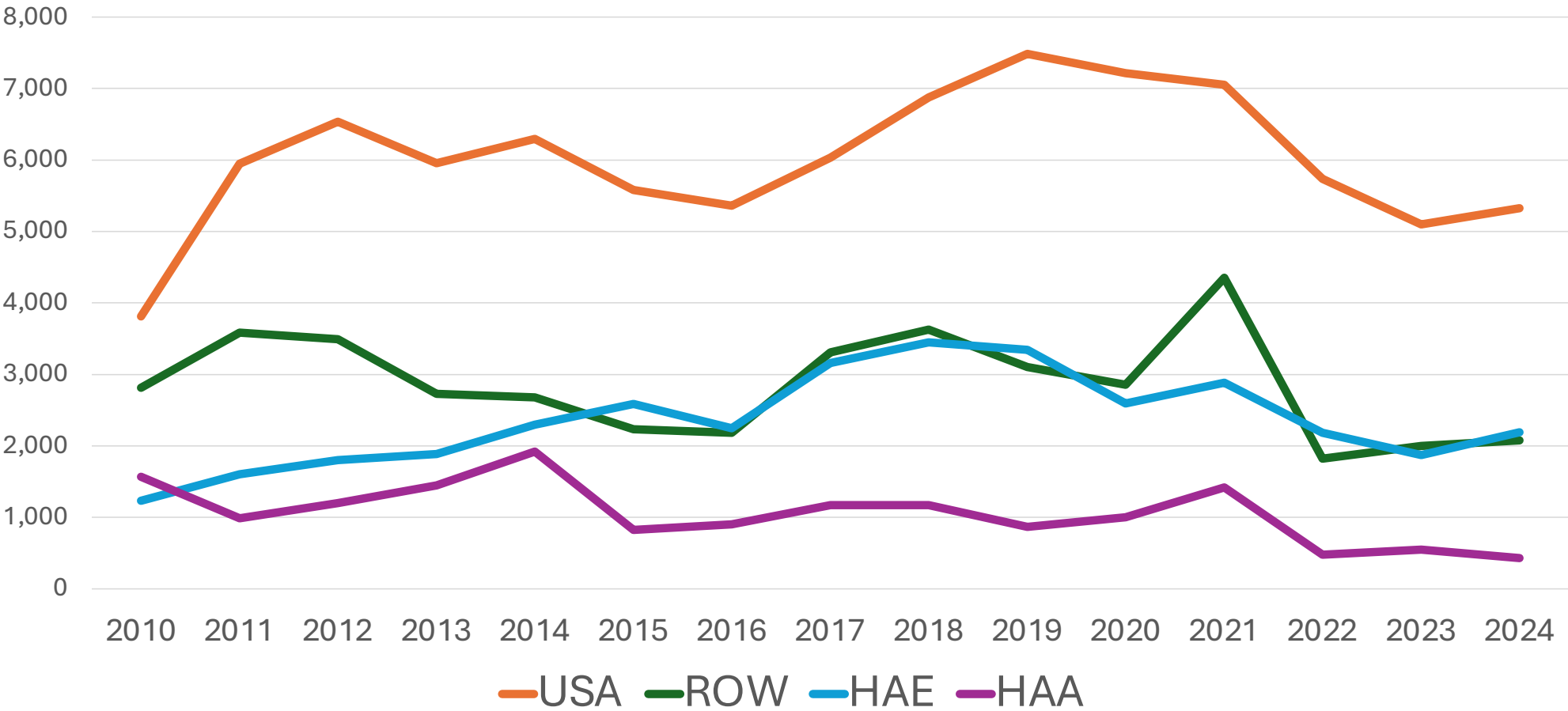
Revenue



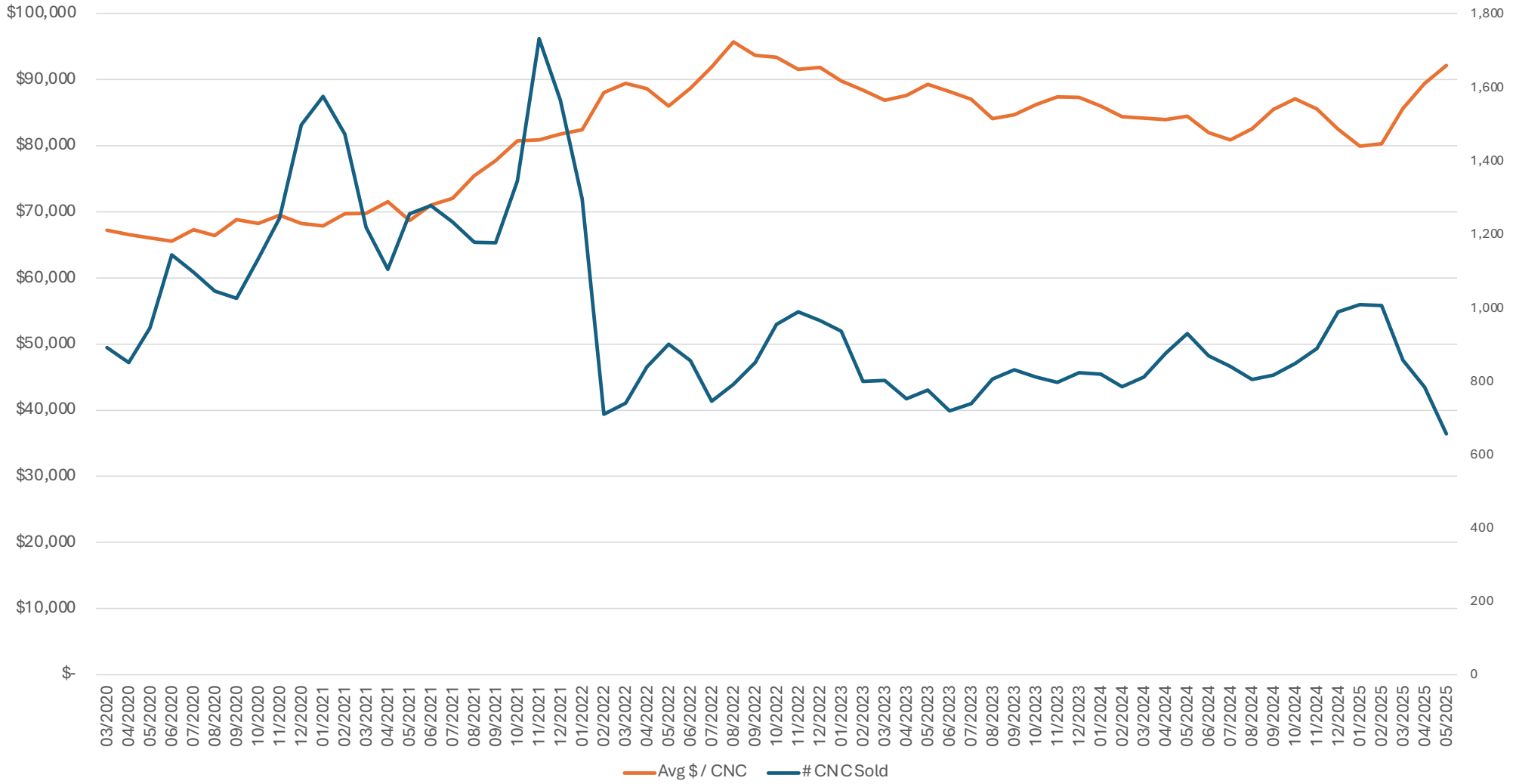
Global CNC Sales



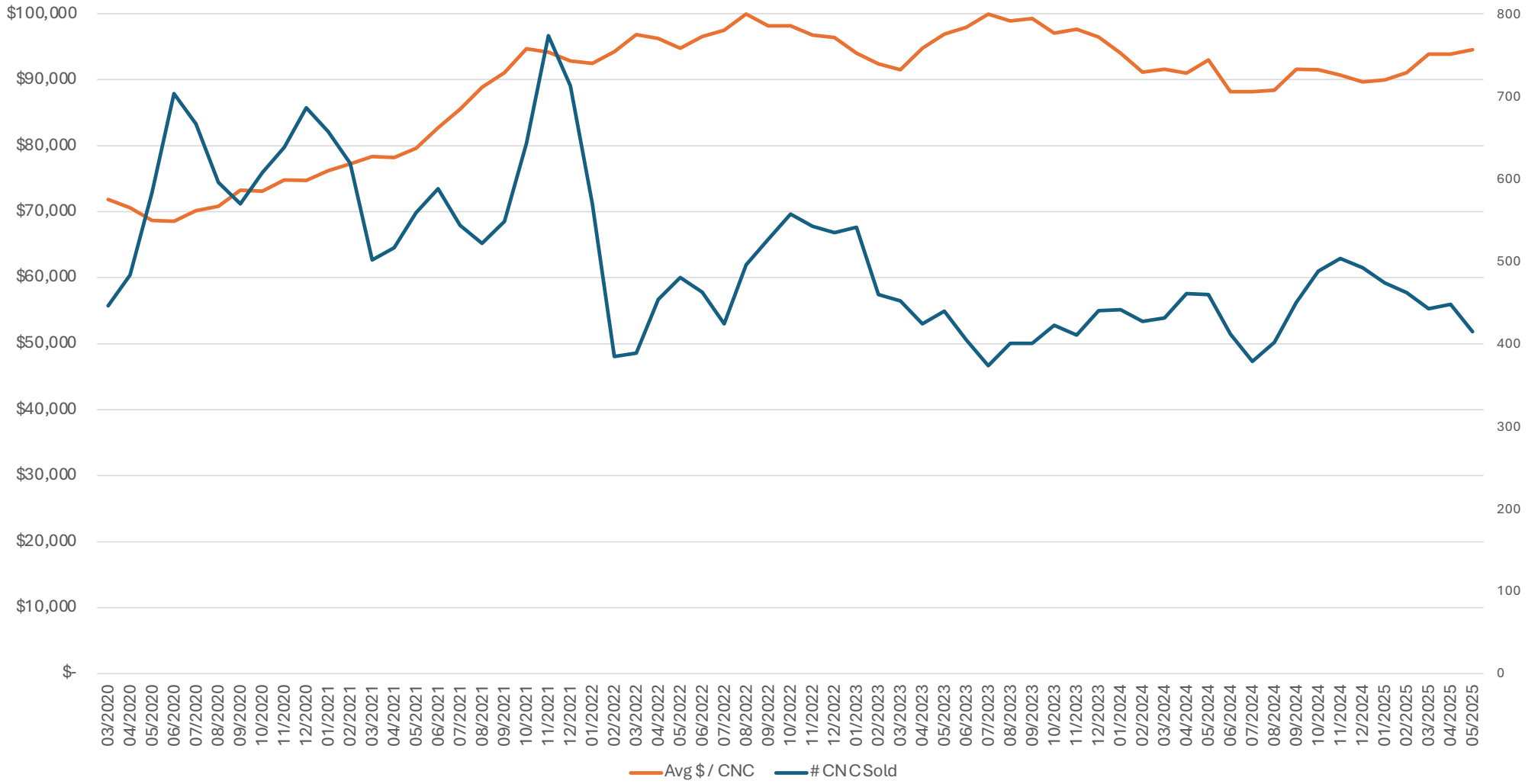
CNC Sales by Region



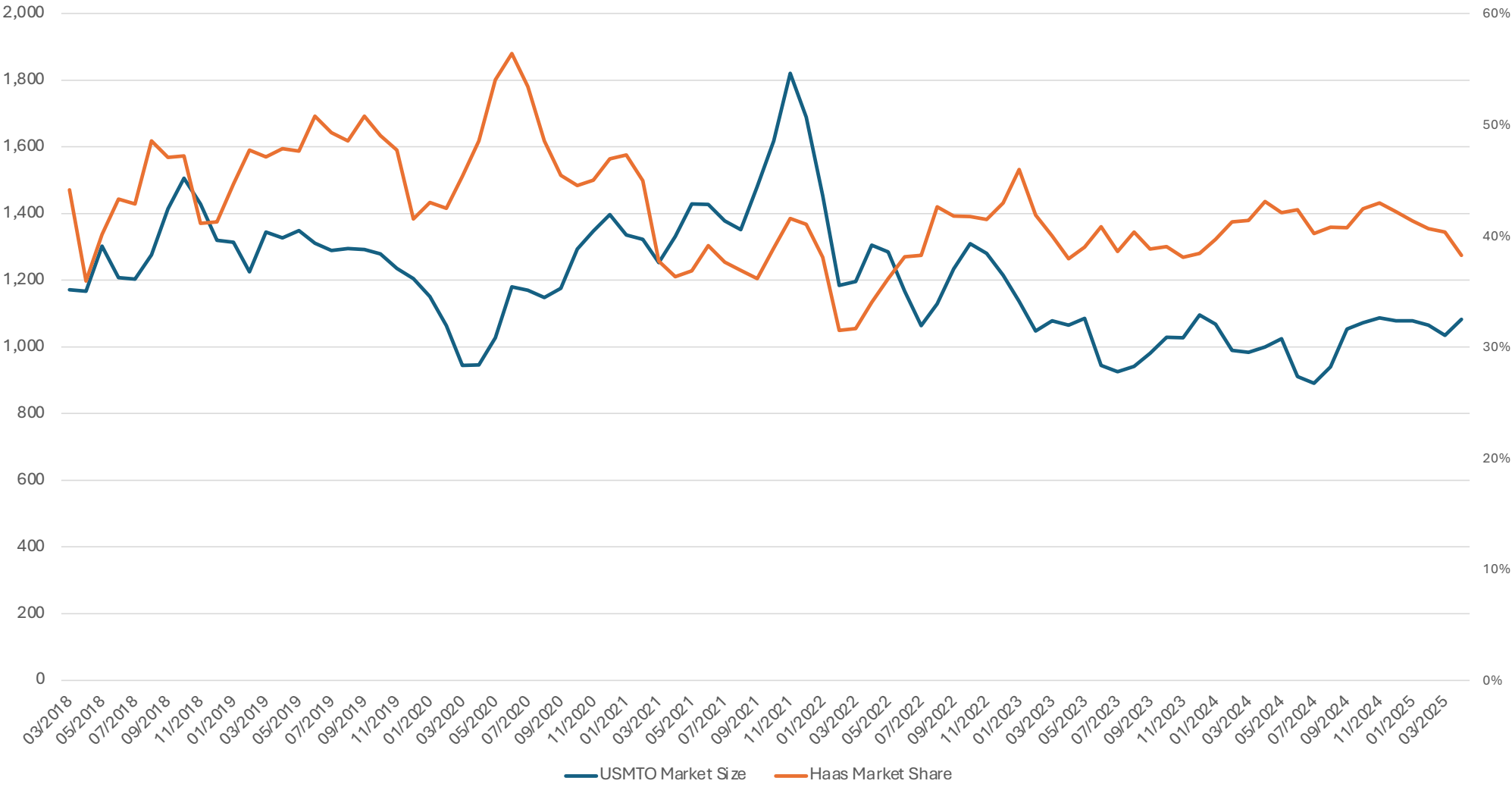
GLOBAL 3-Mo Avg Sales and \$/CNC



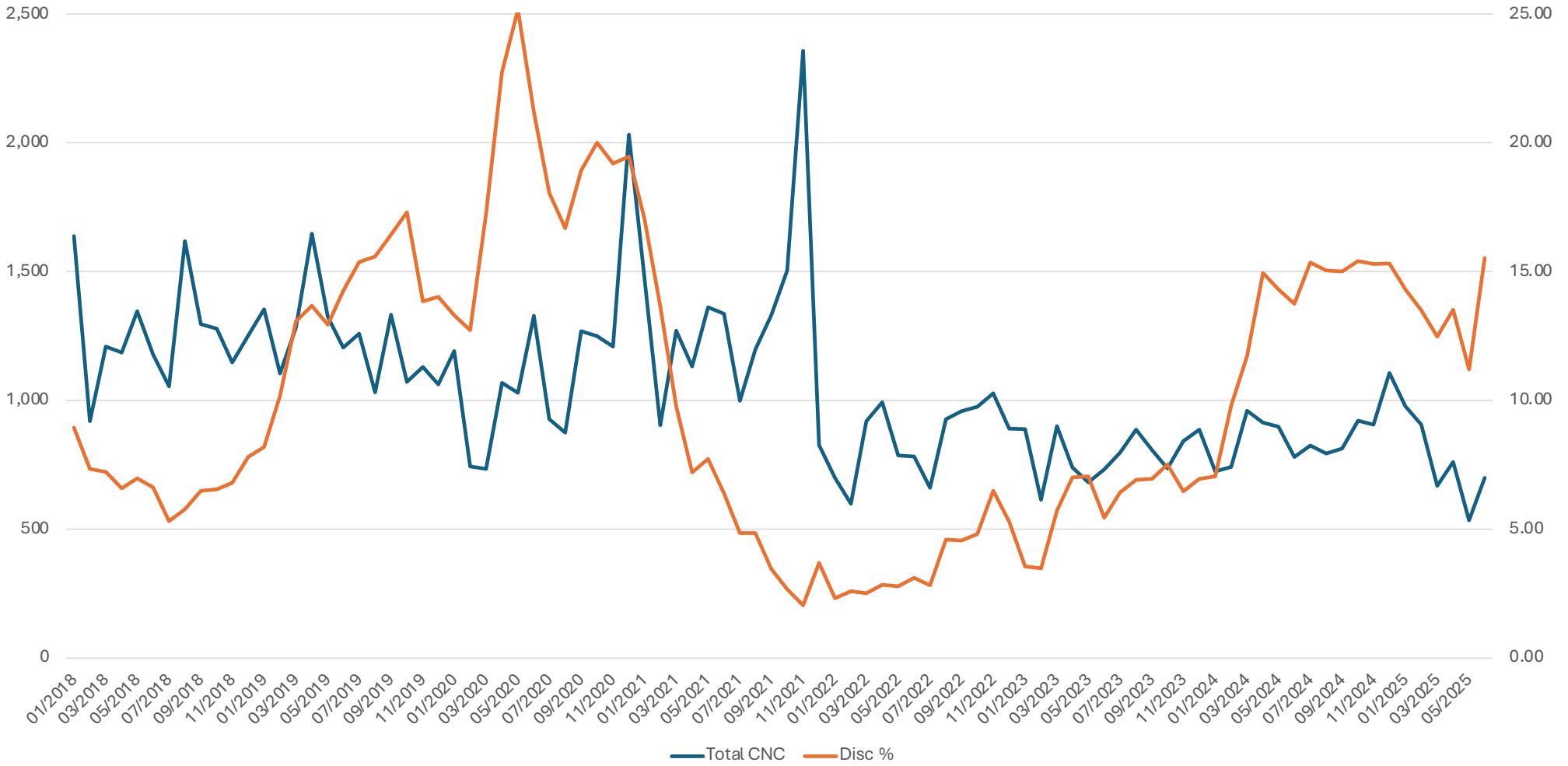
USA 3-Mo Avg Sales and \$/CNC



3-Mo Avg of US Market Size and Haas Market Share



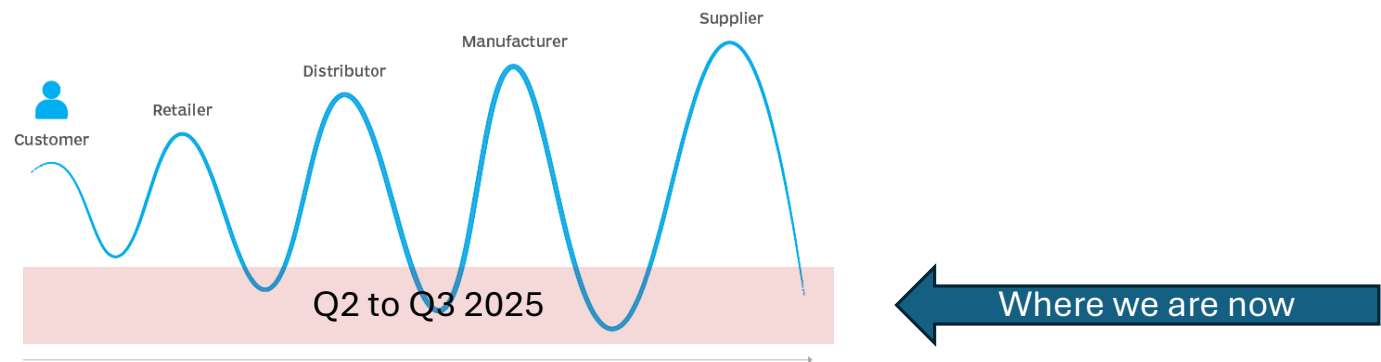
Discounting and CNC Units Sold by Month Global



2025 So Far.....

- Started strong, Q1 was one of the best quarters in the last 5 years
- Tariffs have impacted sales for Q2
- HY1-2025 is tracking to match HY1-2024

The bullwhip effect



What Do We Do Now?



Haas

- Stay focused
- Continue adding more products
- Continue improving products and software
- Expanding Haas Tooling

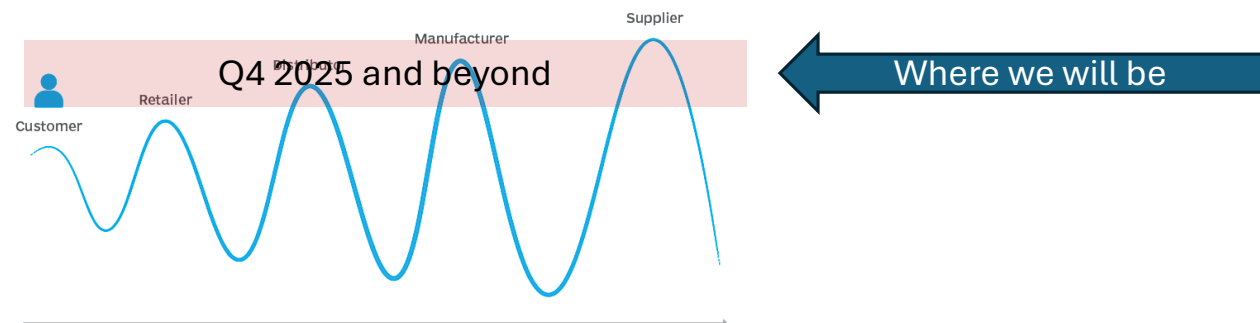
HFOs

- Sell Haas value
 - Use the 'More Than' approach
 - Make the calls
-

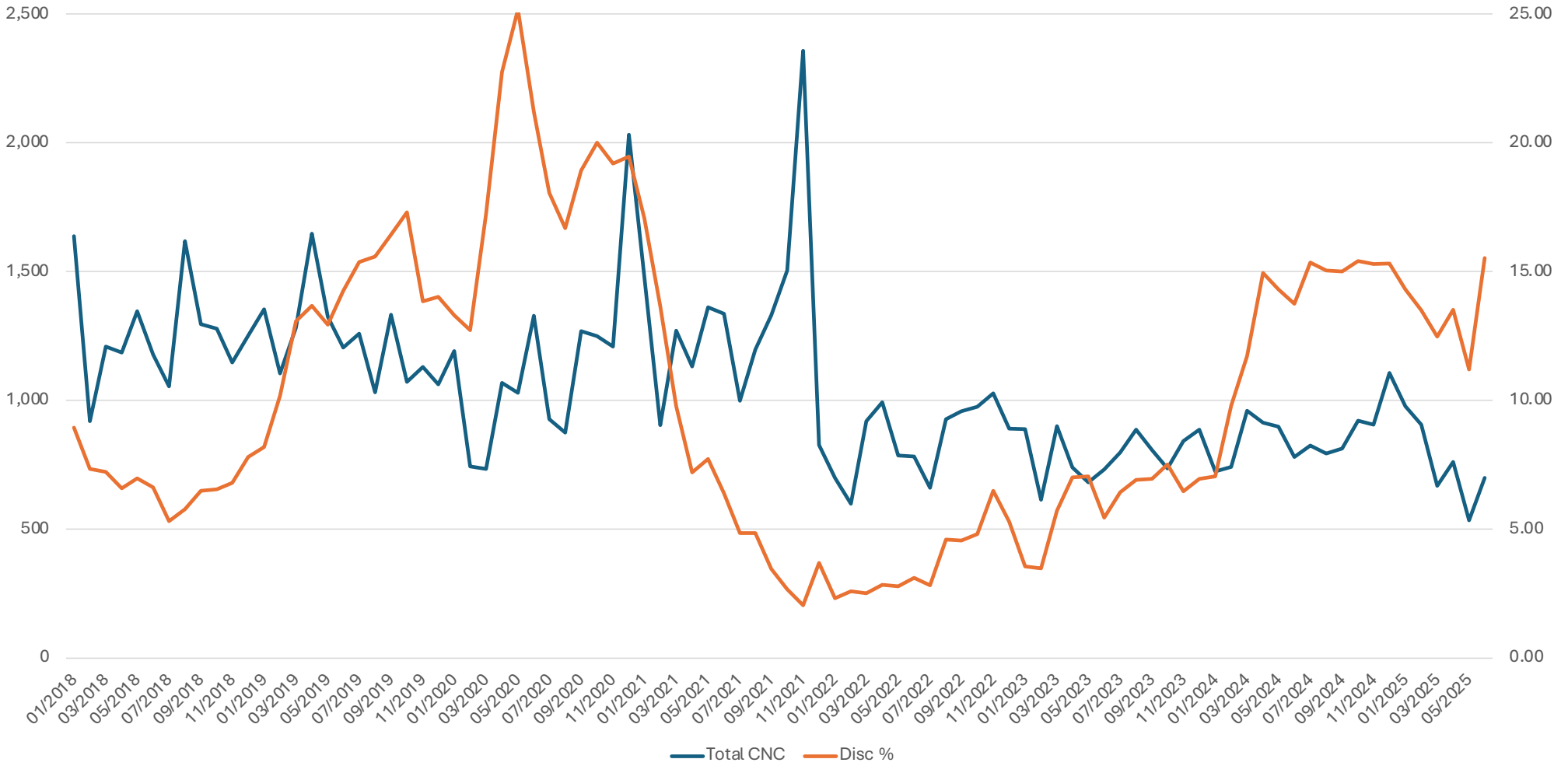
Most of all SELL

- Make an offer that a customer can't refuse
- Blind quote, don't wait for them to ask
- Ask for the order
- It's like Great Recession / COVID right now, a buyer's market
- We will make a deal to win, do NOT assume we won't take a deal
- When the bullwhip rises, it's a seller's market and discounting will go away

The bullwhip effect



Discounting and CNC Units Sold by Month Global



Sales Actions



VOP
VALUE OPTION PACKAGES
A NEW WAY TO SAVE

The advertisement features the letters 'VOP' in a large, bold font. The 'O' is replaced by a circular image of a red-handled tool bit. Below the letters, the text 'VALUE OPTION PACKAGES' is written in a smaller, sans-serif font, followed by 'A NEW WAY TO SAVE' in a large, bold, red font.

FLASH SALE

A collection of Haas industrial machines, including a lathe, a mill, and a CNC machine, arranged in a row. The background is a fiery, orange and red gradient.

STOCK SALE
IN STOCK & READY TO SHIP
Brand-New Hot Deals, Demo, Pre-Owned Machines, and more!

The advertisement features a red percentage sign icon and a line drawing of a machine. The text 'STOCK SALE' is in a large, bold, red font. Below it, 'IN STOCK & READY TO SHIP' is written in white on a red background. At the bottom, 'Brand-New Hot Deals, Demo, Pre-Owned Machines, and more!' is written in a smaller, black font.

Deals ending soon!
HUGE DEALS ON 7500+ TOOLS
New Price DROPS!
Pre-BLACK FRIDAY DEALS
HAAS TOOLING.COM
FREE NEXT-DAY DELIVERY! SIGN UP FOR WINNER'S CIRCLE **\$10 FOR A YEAR!** WINNER'S CIRCLE

The advertisement features a yellow background with a sunburst pattern. It includes images of various tools like calipers, a dial indicator, and a drill bit. The text 'Pre-BLACK FRIDAY DEALS' is in a large, bold, black font. At the bottom, 'FREE NEXT-DAY DELIVERY!' is written in red, followed by '\$10 FOR A YEAR!' in a large, bold, red font. A small 'WINNER'S CIRCLE' logo is also present.

Sales Actions



A NEW WAY TO SAVE



VALUE OPTION PACKAGES
BACK FOR A LIMITED TIME

WHAT ARE (VOPs) VALUE OPTION PACKAGES?

Haas Automation's Value Option Packages (VOPs) are pre-configured bundles of our most commonly selected CNC machine options, offered at lower cost than purchasing each option separately. These packages are designed to deliver the options customers rely on most, with added convenience and more value.

With up to five tiers – from **Basic** and **Productivity** to **4th-Axis**, **5th-Axis**, **Automation**, and more – each level builds on the one before, adding more capability and increasing your overall savings. More options, more savings!

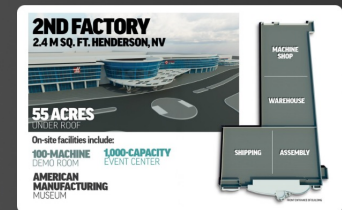
WHY WE'RE OFFERING VOPs

It's not just about value.

These packages help streamline our production processes, allowing us to build machines faster and more efficiently. By standardizing on common configurations, we're accelerating lead times, boosting output, and passing on those efficiencies to you.

This initiative is just one part of our larger investment in the future. We're also expanding our manufacturing capacity with a second factory (2.4 million square feet) in **Henderson, Nevada** – a major step forward in our mission to scale production, increase output, and better serve our customers worldwide.

[SEE OUR HENDERSON EXPANSION PROGRESS](#)



VERTICALS

UNIVERSAL MACHINES

LATHES

VF-2SS VALUE OPTION PACKAGE

- Creating new VOPs for DS-20/25 and UMC-750 w/ SMT120
- Available Aug

VOPs

- Do we promote different machines?
- When the aggressive tariff reactionary discounting ends, VOPs will be the main form of discounting

VF-2SS VALUE OPTION PACKAGE

VF-2SS: **PRODUCTIVITY PACKAGE**
INCLUDES 10 PREMIUM OPTIONS

SAVE 33%

GET MORE THAN \$6K IN OPTIONS FOR FREE!

SAVE: \$6,475
SALE PRICE: \$12,995

OPTIONS IF PURCHASED SEPARATELY: **\$19,470**

YOU GET ALL THIS:

Chip Auger | High-Intensity Lighting | Programmable Coolant Nozzle | Through-Spindle Coolant Ready | High-Speed Machining | Wireless Intuitive Probing System | Visual Programming System | User-Definable Macros | Spindle Orientation | Coordinate Rotation & Scaling

VF-2SS: **5TH-AXIS PACKAGE**
INCLUDES 26 PREMIUM OPTIONS

SAVE 44%

GET MORE THAN \$29K IN OPTIONS FOR FREE!

SAVE: \$29,210
SALE PRICE: \$36,995

OPTIONS IF PURCHASED SEPARATELY: **\$66,205**

YOU GET ALL THIS:

Chip Auger | High-Intensity Lighting | Programmable Coolant Nozzle | High-Speed Machining | WIPS | VPS | Macros | Spindle Orientation | Coordinate Rotation & Scaling | 4th-Axis Drive | Auto Door | Coolant Maintenance Package | Coolant Refill | Mist Condenser | Oil Skimmer | Coolant Sanitizer | WiFi Camera | Auxiliary Coolant Filter | Automatic Air Gun | MQL | Through-Tool Air Blast | 300 psi TSC | 5th-Axis Drive | DWO/TCPC | Second Home | XL Remote Jog Handle



VOP **Haas**
OFFICIAL MACHINE TOOL
VALUE OPTION PACKAGES

VF-2SS	BASIC A	PRODUCTIVITY B	4TH AXIS C	TSC/SMTC D	5TH AXIS E
A	Chip Auger High-Intensity Lighting Programmable Coolant Nozzle Through-Spindle Coolant Ready	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
B	High-Speed Machining Wireless Intuitive Probing System Visual Programming System User-Definable Macros Spindle Orientation Coordinate Rotation & Scaling	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓
C	4th-Axis Drive and Wiring Auto Door Coolant Maintenance Package Coolant Refill System Mist Condenser Oil Skimmer Coolant Sanitizer WiFi Camera	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
D	Auxiliary Coolant Filter Automatic Air Gun Minimum Quantity Lubrication System Through-Tool Air Blast Through-Spindle Coolant, 300 psi	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓
E	5th-Axis Drive and Wiring DWO/TCPC Second Home Position XL Remote Jog Handle	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
MACHINE BASE PRICE:	\$79,995	\$79,995	\$79,995	\$79,995	\$79,995
OPTIONS RETAIL PRICE:	\$9,180	\$19,470	\$31,045	\$45,725	\$66,205
VOP DISCOUNT:	-\$2,185	-\$6,475	-\$11,050	-\$17,730	-\$29,210
OPTIONS WITH VOP DISCOUNT:	\$6,995	\$12,995	\$19,995	\$27,995	\$36,995
VF-2SS + VOP:	\$86,990	\$92,990	\$99,990	\$107,990	\$116,990

BUILD-&-PRICE YOUR MACHINE

VOPs



- Moved VOP banner from top of PDP to VOP section in Build & Price

VF-2SS Build-& Price

Current Configuration >

Value Option Packages

Spindles

Tool Changers

4th- | 5th-Axis

Probing

Chip & Coolant Management

The Haas Control

Product Options

Tooling & Fixturing

Shipping

Warranty

Automation

Rotaries & Indexers

Haas Tooling

Standard | [Priority Charging Start](#)

Base Price **US\$79,995** | Payments as low as **US\$1,342/mo** | 60 months

VALUE OPTION PACKAGES

A NEW WAY TO SAVE VOP

VALUE OPTION PACKAGES

Value Option Packages (VOPs) are pre-configured bundles of our most commonly selected CNC machine options, offered at lower cost than purchasing each option separately. These packages are designed to deliver the options customers rely on most, with added convenience and more value.

AVAILABLE FOR THIS MACHINE

VOP A - BASIC PACKAGE DETAILS >	US\$117/mo SALE US\$6,995 US\$7,995	VOP B - PRODUCTIVITY PACKAGE DETAILS >	US\$218/mo SALE US\$12,995 US\$15,995
VOP C - 4TH-AXIS PACKAGE DETAILS >	US\$335/mo SALE US\$19,995 US\$24,995	VOP D - THROUGH-SPINDLE COOLANT PACKAGE DETAILS >	US\$470/mo SALE US\$27,995 US\$34,995
VOP E - 5TH-AXIS PACKAGE DETAILS >	US\$621/mo SALE US\$36,995 US\$45,995		

SPINDLES

12,000-RPM SPINDLE DETAILS >	STANDARD	12,000-RPM SPINDLE, HSK-A63 WATCH VIDEO >	US\$159/mo US\$9,495
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VOP Sales



- June 1 to July 22, US HFOs

	Total Sales	# VOPs	% w/ VOP	A	B	C	D	E
ECs	5	0	0%	0%	0%	0%	0%	0%
Lathes	94	9	10%	0%	56%	22%	11%	11%
UMCs	61	8	13%	0%	13%	38%	13%	38%
VFs	264	35	13%	6%	26%	20%	31%	17%
	424	52	12%					

Sales Actions



A NEW WAY TO SAVE VOP VALUE OPTION PACKAGES

BACK FOR A LIMITED TIME

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[SEE OUR HENDERSON EXPANSION PROGRESS](#)



VERTICALS

UNIVERSAL MACHINES

LATHES

VF-2SS VALUE OPTION PACKAGE

Sales Actions



DON'T MISS OUT - FLASH SALE ENDS JULY 31ST!

FLASH SALE



NEW PRICE DROPS!

GET 30% OFF - SAVE \$72K
PALLET-CHANGING VC-400SS
SPECIALLY CONFIGURED



[View Details | Get Quote](#)

NEW PRICE DROPS!

GET 25% OFF
DC-4 DRILL CENTERS
SPECIALLY CONFIGURED



[View Details | Get Quote](#)

NEW PRICE DROPS!

\$19,995 - SAVE \$6,000!
ON HAAS KNEE MILLS



[LEARN MORE](#)

NEW PRICE DROPS!

SAVE 25% OFF ALL
HAAS SHEET ROUTERS



[LEARN MORE](#)



SAVE UP TO 25%
ON DC-1 & DC-2 MODELS

[LEARN MORE](#)



SAVE UP TO \$100K
ON 50-TAPER ECs

[LEARN MORE](#)



SAVE UP TO 25%
ON IN-STOCK MACHINES

[LEARN MORE](#)



SAVE \$7,500
ON AUTOMATIC BANDSAWS

[LEARN MORE](#)

VOP
VALUE OPTION PACKAGES
A NEW WAY TO SAVE

FLASH SALE

STOCK SALE
IN STOCK & READY TO SHIP
Brand-New Hot Deals, Demo, Pre-Owned Machines, and more!

Deals ending soon!
HUGE DEALS ON 7500+ TOOLS

New Price Drops!
Pre-Black Friday Deals

HAAS TOOLING.com

FREE NEXT-DAY DELIVERY! \$10 OFF FOR A YEAR!

Flash Sale – VC-400SS



FLASH SALE

VC-400SS

PALLET-CHANGING
VERTICAL MACHINING
CENTER

FLASH SALE:

\$169,995

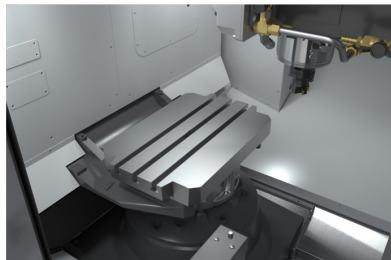
Standard price - ~~\$242,535~~

30% OFF!



MACHINE CONFIGURATION

- 15,000-rpm Inline Spindle
- 50+1 Side-Mount Tool Chnager
- Through-Spindle Coolant, 300 psi
- Wireless Intuitive Probing System
- Coolant Refill
- Coolant Sanitizer
- WiFi Camera
- High-Speed Machining
- Auxiliary Coolant Filter



Get more details on this product
by scanning here or going to
[HaasCNC.com](https://www.haascnc.com)

Get Quote

[2025_stock_machines]

Options

- 15,000-rpm Spindle
- High-Speed 50+1 Side-Mount Tool Changer
- Through-Spindle Coolant, 300 psi (21 bar)
- Wireless Intuitive Probing System
- Automatic Coolant Refill
- Coolant Sanitizer
- Enclosure Exhaust System
- Programmable Coolant Nozzle
- Through-Tool Air Blast
- WiFi Camera
- High-Speed Machining
- Auxiliary Coolant Filter

Standard Features

- Belt-Type Chip Conveyor HMC
- 95-Gallon Coolant Tank
- Chip Tray Filter Kit
- Single-Stage Coolant Pump
- Control Widescreen Monitor
- Ethernet Interface
- WiFi Connection for the Haas Control
- CNC Control Cabinet Cooler
- Power Surge Protection
- Early Power-Failure Detection Module
- Second Home Position
- Advanced Tool Management
- Media Display M-Code; M130
- HaasConnect: Remote monitoring
- HaasDrop
- Rigid Tapping
- Standard Program Memory, 1 GB
- Phone Charging Stand
- VC-400 Pallet Kit
- Lifting Provision
- 1-Year Standard Warranty

Contact Information

EMAIL <input type="text"/>	
FIRST NAME <input type="text"/>	LAST NAME <input type="text"/>
COMPANY NAME <input type="text"/>	PHONE <input type="text"/>
ENTER YOUR ADDRESS <input type="text"/>	
COMPANY ADDRESS <input type="text"/>	BLDG, SUITE, APT.NUMBER <input type="text"/>
CITY <input type="text"/>	POSTAL <input type="text"/>
Country <input type="text"/>	Select Region <input type="text"/>

Submit Quote

NEW PRICE DROPS!

GET 30% OFF - SAVE \$72K
PALLET-CHANGING VC-400SS

SPECIALLY CONFIGURED



View Details | Get Quote

Flash Sale – UMC-750SS w/ SMTC120



NEW AUTOMATION
INTRODUCTORY

FLASH SALE

SUPER-SPEED UMC
+ 10-STATION PALLET POOL

INTRO FLASH SALE:

\$399,995

16% OFF!

Standard price - \$475,745



PACKAGE INCLUDES:
UMC-750SS
5-AXIS MACHINING CENTER

- 15,000-rpm In-line Spindle
- Through-Spindle Coolant, 300 psi
- **NEW120+1 Side-Mount Tool Changer**
- Coolant Maintenance Package
- Filter Conveyor
- 95-gallon coolant tank
- Programmable Coolant Nozzle
- WiFi Camera
- Auxiliary Coolant Filter
- Broken Tool Detection

10-STATION PALLET POOL

- 10 pallets (+1 machining station)
- 200 lb max payload per pallet (workpiece + workholding)
- Dedicated load/unload station

TOOLING INCLUDED IN PACKAGE:

20-Piece, CT40 Toolholder Kit, TSC
(08-0004A)

X3



5" Self-Centering Vises + Risers
(08-1168)

X5



Get more details on this product
by scanning here or going to
HaasCNC.com



NEW AUTOMATION
INTRODUCTORY

FLASH SALE

SUPER-SPEED UMC
+ PALLET-CHANGING ROBOT

INTRO FLASH SALE:

\$399,995

15% OFF!

Standard price - \$472,140



PACKAGE INCLUDES:
UMC-750SS
5-AXIS MACHINING CENTER

- 15,000-rpm 40-Taper, 30 HP Spindle
- Through-Spindle Coolant, 300 psi
- **NEW120+1 Side-Mount Tool Changer**
- Coolant Maintenance Package
- Filter Conveyor
- 95-gallon coolant tank
- Programmable Coolant Nozzle
- WiFi Camera
- Auxiliary Coolant Filter
- Broken Tool Detection

ROBOTIC PALLET LOADER

- 25kg capacity
- Dual Pallet Shelf
Up to 30 Pallet Capacity

TOOLING INCLUDED IN PACKAGE:

20-Piece, CT40 Toolholder Kit, TSC
(08-0004A)

X3



5" Self-Centering Vises
(05-0004)

X5



Get more details on this product
by scanning here or going to
HaasCNC.com

Flash Sale – EC-1600ZT w/ PP



**NEW AUTOMATION
INTRODUCTORY**

**FLASH
SALE**

**4-STATION PALLET POOL
+ 50-TAPER HMC**

INTRO FLASH SALE:

\$599,995

**17%
OFF!**

Standard price - \$725,535



**PACKAGE INCLUDES
EC-1600ZT
HORIZONTAL MACHINING CENTER**

- 10,000-rpm, 60 hp, 2-Speed Gearbox Spindle
- 70+1 Side-Mount Tool Chnager
- Through-Spindle Coolant, 300 psi
- Full 4th-Axis Rotary • DWO/TCPC
- Wireless Intuitive Probing System
- In-Tank Chip Conveyor
- Coolant Refill • Coolant Sanitizer
- WiFi Camera • Auxiliary Coolant Filter
- High-Speed Machining

4+1-STATION PALLET POOL

- 800mm Pallets, 5000 lb capacity
- Load Station + Loading Platform
- Light Curtain Safety Guarding

TOOLING PRODUCTS:

- 2x 20-Piece, CT50 Toolholder Kit,
- TSC (08-1745A) 40-Pieces Total.



Get more details on this product
by scanning here or going to
HaasCNC.com

Flash Sale Packages on HST



VMC ▾ HMC ▾ LATH

PACKAGE ▾ SIMULATOR ▾

VMC ▾ HMC ▾

- ✓ PACKAGE
- DS-30Y w/VOP-A
- DS-30Y w/VOP-B
- DS-30Y w/VOP-C
- DS-30Y w/VOP-D
- DT-1 w/ VOP-A
- DT-1 w/ VOP-B
- DT-1 w/ VOP-C
- DT-1 w/ VOP-D
- DT-1 w/ VOP-E
- EC-1600 4+1 PP FLASH SALE
- EC-1600 w/ VOP-A
- EC-1600 w/ VOP-B
- UMC-750 w/ VOP-E
- UMC-750SS + PP FLASH SALE
- UMC-750SS + RPL FLASH SALE
- VC-400SS FLASH SALE

EC-1600ZT

Package title : EC-1600 4+1 PP FLASH SALE
Package description : Flash sale price \$599,995 (Retail Price \$725,535 SAVE 17%)

[How to use this section](#)

VMC ▾ HMC ▾ LATH ▾ ROTARY ▾ AUTOMATIC ▾ SHOP EQUI ▾

EC-1600 4+ ▾ SIMULATOR ▾

Quick Quote PDF Email Quick Quote Deselect All Options

Add Machine to MO Quote Add Machine to Showroom MO Generate PDF Pricelist

EC-1600ZT

<input checked="" type="checkbox"/> Price List	<input type="checkbox"/> Specs	<input type="checkbox"/> Image	<input type="checkbox"/> ATP		
BASE	\$ 358,995	OPTIONS	\$ 360,940	TOTAL	\$ 719,935

CNC Horizontal Machining Center with 64" x 50" x 40" (1626 x 1270 x 1016 mm) travels

Flash Sale Packages on HST



- Details on package, including margin as these deals are processed w/ SPR

The screenshot displays a software interface for managing quotes. The main section is titled "Quote Details" and features a sidebar with navigation options: "Quote Details", "Account", "Pricing", and "Additional Items". The primary machine listed is the "EC-1600ZT", which is available for "03 Weeks". The interface shows a flash sale price of \$599,995, a retail price of \$725,535, and a 17% discount. A table below lists options: "CT" and "1GB", both included. A red arrow points from the main quote details to a pop-up window titled "EC-1600 4+1 PP FLASH ...". This pop-up provides a detailed description: "Flash sale price \$599,995 (Retail Price \$725,535 SAVE 17%)", a "Retail sales price: 599995", and an "HFO margin: 0.15". The pop-up also includes an "Ok" button.

	Retail	Dealer
EC-1600ZT	358,995.00	296,170.87

Options		
CT	included	included
1GB	included	

Sales Actions



NEW PRICE DROPS!
GET 30% OFF - SAVE \$72K
PALLET-CHANGING VC-400SS
 SPECIALLY CONFIGURED

[View Details | Get Quote](#)

NEW PRICE DROPS!
GET 25% OFF
DC-4 DRILL CENTERS
 SPECIALLY CONFIGURED

[View Details | Get Quote](#)

NEW PRICE DROPS!
\$19,995 - SAVE \$6,000!
ON HAAS KNEE MILLS

[LEARN MORE](#)

NEW PRICE DROPS!
SAVE 25% OFF ALL
HAAS SHEET ROUTERS

[LEARN MORE](#)

SAVE UP TO 25%
ON DC-1 & DC-2 MODELS
[LEARN MORE](#)

SAVE UP TO \$100K
ON 50-TAPER ECs
[LEARN MORE](#)

SAVE UP TO 25%
ON IN-STOCK MACHINES
[LEARN MORE](#)

SAVE \$7,500
ON AUTOMATIC BANDSAWS
[LEARN MORE](#)

VOP
 VALUE OPTION PACKAGES
A NEW WAY TO SAVE

FLASH SALE


STOCK SALE
 IN STOCK & READY TO SHIP
 Brand-New Hot Deals, Demo, Pre-Owned Machines, and more!

Deals ending soon!
HUGE DEALS ON 7500+ TOOLS
Pre-Black Friday Deals
 FREE NEXT-DAY DELIVERY!
 \$10 OFF PER MINUTE ON CIRCLE \$10 FOR A YEAR!

Sales Actions



New Price DROPS!
Deals ending soon!
HUGE DEALS ON 7500+ TOOLS

Pre-BLACK FRIDAY DEALS

FREE NEXT DAY DELIVERY!

SIGN UP FOR WINNER'S CIRCLE \$95 FOR A YEAR!
\$10 WINNER'S CIRCLE

- About Haas Tooling
- ★ Join Winner's Circle
- Today's Hot Deals
- Clearance
- Measuring & Inspection
- Automation Accessories
- Shop Support
- Mill Toolholding
- Mill Cutting Tools
- Boring Systems
- Mill Workholding
- Lathe Toolholding
- Lathe Cutting Tools
- Lathe Workholding
- Package Kits
- ER Collets & Chucks

MOST POPULAR TOOLING CATEGORIES

END MILLS 	CARBIDE DRILLS 	TAPS 	TURNING INSERTS 	ER COLLET CHUCKS 	END MILL HOLDERS
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HAAS TOOLING QUICK LINKS

 New Products Learn More >	 Popular Products Learn More >	 Frequently Asked Questions Learn More >	 Financing & Open Terms Learn More >	 Ready2Run Learn More >	 Tooling Kits for Machining Learn More >
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All Haas Tooling Products

 Winner's Circle	 Today's Hot Deals	 Clearance	 Measuring & Inspection	 Automation Accessories
----------------------------	------------------------------	----------------------	---------------------------------------	-----------------------------------

VOP
VALUE OPTION PACKAGES
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\$10 WINNER'S CIRCLE

Tooling Sales w/ Machine



- All CNC sales should have tooling on them
 - Goal is 1 out of 2 machines sold have tooling
- Tooling sales/products is a good way to remain engaged with customer
- Path into competitor's customer base
- Customers like it, reason to make a call
- Doesn't need to be only about carbide
 - Inspection tools
 - Shop support
 - Workholding/fixturing
- Use tooling to close deals
 - 'Free' always sounds good
- We know where tooling goes, use those leads, competitors don't

Tooling Sales w/ Machine



Tooling Sales w/ Machine



Sales Actions



New Price DROPS!
Deals ending soon!
HUGE DEALS ON 7500+ TOOLS

Pre-Black Friday DEALS

FREE NEXT DAY DELIVERY!

SIGN UP FOR WINNER'S CIRCLE \$10 FOR A YEAR!
\$95

- About Haas Tooling
- ★ Join Winner's Circle
- Today's Hot Deals
- Clearance
- Measuring & Inspection
- Automation Accessories
- Shop Support
- Mill Toolholding
- Mill Cutting Tools
- Boring Systems
- Mill Workholding
- Lathe Toolholding
- Lathe Cutting Tools
- Lathe Workholding
- Package Kits
- ER Collets & Chucks

MOST POPULAR TOOLING CATEGORIES

END MILLS 	CARBIDE DRILLS 	TAPS 	TURNING INSERTS 	ER COLLET CHUCKS 	END MILL HOLDERS
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HAAS TOOLING QUICK LINKS

 New Products Learn More >	 Popular Products Learn More >	 Frequently Asked Questions Learn More >	 Financing & Open Terms Learn More >	 Ready2Run Learn More >	 Tooling Kits for Machining Learn More >
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All Haas Tooling Products

 Winner's Circle	 Today's Hot Deals	 Clearance	 Measuring & Inspection	 Automation Accessories
----------------------------	------------------------------	----------------------	---------------------------------------	-----------------------------------

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Pre BLACK FRIDAY DEALS

FREE NEXT-DAY DELIVERY! \$10 FOR A YEAR!

HOT DEALS

In-Stock and Ready-to-Ship Machines

Haas Hot Deal Machines are brand-new machines in stock with special pricing. These machines are currently in our inventory, and ready for immediate delivery. All Hot Deal Machines come with a full standard 1-year warranty.

SEE DEALS

DEMO & PREOWNED

Pre-owned Machines - Most pre-owned machines were used for training new machinists at schools and technical education centers and are sold as-is, with no warranty.

Demo Machines - New machines that had limited usage performing test cuts for the purpose of demonstrating the machine capabilities. Sold with a full 1-year warranty.

VIEW MACHINES

CANCELED ORDERS

Brand-New, Custom Configured Machines

Never Used! Canceled orders, fully inspected, and ready to ship with a standard 1-year warranty. These machines have never been installed, so don't miss out on these custom configured options at unbeatable prices!

VIEW MACHINES

HOT DEALS

DEMO & PRE-OWNED

CANCELED ORDERS

HOT DEALS EXPLAINED

Hot Deals on In-Stock and Ready-to-Ship Machines

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Canceled Machines







CANCELED ORDERS EXPLAINED

Brand-New, Custom Configured Machines - Never Used!

Canceled orders, fully inspected, and ready to ship with a standard 1-year warranty. These machines have never been installed, so don't miss out on these custom configured options at unbeatable prices!

- ✓ **Fully Inspected:** Reviewed and repackaged for quality assurance.
- ✓ **1-Year Standard Warranty:** Full coverage for peace of mind.
- ✓ **Never Installed:** Brand new and ready for immediate use.
- ✓ **Ready to Ship:** Limited stock - grab yours today!

VF-9/40 <small>Serial #: 1212106</small>  \$1,703/Month SALE PRICE: \$174,995 <small>Save: \$92,680 (35% OFF)</small> <small>Retail Price: \$267,675</small> OPTIONS: <ul style="list-style-type: none"> ✓ Wireless Intuitive Probing System ✓ Through-Spindle Coolant ✓ Quad Auger-Conveyor ✓ 10,000-rpm Spindle 	VF-4 + HRT210 <small>Serial #: 1214674</small>  \$778/Month SALE PRICE: \$79,995 <small>Save: \$45,675 (36% OFF)</small> <small>Retail Price: \$125,670</small> OPTIONS: <ul style="list-style-type: none"> ✓ BT Tool Taper ✓ 4th-Axis Drive ✓ 10,000-rpm Spindle ✓ Wireless Intuitive Probing System ✓ Chip Auger ✓ HRT210 	ST-30 <small>Serial #: 3126716</small> This is a High-Voltage Metric Machine  \$681/Month SALE PRICE: \$69,995 <small>Save: \$30,975 (31% OFF)</small> <small>Retail Price: \$100,970</small> OPTIONS: <ul style="list-style-type: none"> ✓ Automatic Tool Presetter ✓ CNC Control Cabinet Cooler ✓ Belt-Type Chip Conveyor ✓ Export Packaging ✓ Variable Flow Coolant ✓ Spindle Orientation ✓ Internal High-Voltage Non-Isolated Transformer (380-480V) ✓ Metric Tooling 	VF-2 + Automatic Parts Loader <small>Serial #: 1214952</small>  \$973/Month SALE PRICE: \$99,995 <small>Save: \$50,055 (33% OFF)</small> <small>Retail Price: \$150,050</small> OPTIONS: <ul style="list-style-type: none"> ✓ High-Speed Machining ✓ Wireless Intuitive Probing System ✓ Through-Spindle Coolant ✓ Programmable Coolant Nozzle ✓ 10,000-rpm Spindle ✓ 30+1 Side-Mount Tool Changer ✓ Programmable Air ✓ Dual Auger-Conveyor ✓ Automatic Parts Loader ✓ APL Side Installation Kit
View Details Get Quote	View Details Get Quote	View Details Get Quote	View Details Get Quote

Get Quote - This is a High-Voltage Metric Machine

High-Voltage Metric Machine (2025_stock_machines)

Options

- Automatic Tool Presetter
- CNC Control Cabinet Cooler
- Belt-Type Chip Conveyor, Lathe
- Export Packaging
- Variable Flow Coolant
- Spindle Orientation

Standard Features

- 3400-rpm Spindle - Belt Drive
- 12-Station Bolt-On Tool Turret
- 55-Gallon Coolant Tank
- Multi-Stage Coolant Pump
- Control Widescreen Monitor
- Ethernet Interface
- WiFi Connection for the Haas Control
- Power Surge Protection
- Early Power-Failure Detection Module
- Advanced Tool Management
- Media Display M-Code: M130
- HaasConnect: Remote monitoring
- Safe Run
- HeadDrop
- Rigid Tapping
- Standard Program Memory, 1 GB
- Stainless Steel Way Covers
- Phone Charging Stand
- Bolt-On Toolholder Kit, 1"
- 10" Hydraulic Chuck, A2-6
- 1-Year Standard Warranty

Contact Information

EMAIL	
FIRST NAME	LAST NAME
COMPANY NAME	PHONE
ENTER YOUR ADDRESS	
COMPANY ADDRESS	BLDG, SUITE, APT. NUMBER
CITY	POSTAL
Country	Select Region

[Submit Quote](#)

CANCELED ORDERS

Brand-New, Custom Configured Machines

Never Used!

Canceled orders, fully inspected, and ready to ship with a standard 1-year warranty. These machines have never been installed, so don't miss out on these custom configured options at unbeatable prices!

[VIEW MACHINES](#)

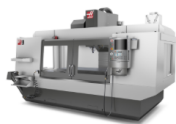


Canceled Machines



VF-9/40

Serial #: 1212106



\$1,703/Month

SALE PRICE: \$174,995

Save: \$92,680 (35% OFF)
Retail Price: \$267,675

OPTIONS:

- ✓ Wireless Intuitive Probing System
- ✓ Through-Spindle Coolant
- ✓ Quad Auger-Conveyor
- ✓ 10,000-rpm Spindle

[View Details | Get Quote](#)

VF-4 + HRT210

Serial #: 1214674



\$778/Month

SALE PRICE: \$79,995

Save: \$45,675 (36% OFF)
Retail Price: \$125,670

OPTIONS:

- ✓ BT Tool Taper
- ✓ 4th-Axis Drive
- ✓ 10,000-rpm Spindle
- ✓ Wireless Intuitive Probing System
- ✓ Chip Auger
- ✓ HRT210

[View Details | Get Quote](#)

ST-30

Serial #: 3126718

This is a High-Voltage Metric Machine



\$681/Month

SALE PRICE: \$69,995

Save: \$30,975 (31% OFF)
Retail Price: \$100,970

OPTIONS:

- ✓ Automatic Tool Presetter
- ✓ CNC Control Cabinet Cooler
- ✓ Belt-Type Chip Conveyor
- ✓ Export Packaging
- ✓ Variable Flow Coolant
- ✓ Spindle Orientation
- ✓ Internal High-Voltage Non-Isolated Transformer (380-480V)
- ✓ Metric Tooling

[View Details | Get Quote](#)

VF-2 + Automatic Parts Loader

Serial #: 1214932



\$973/Month

SALE PRICE: \$99,995

Save: \$50,055 (33% OFF)
Retail Price: \$150,050

OPTIONS:

- ✓ High-Speed Machining
- ✓ Wireless Intuitive Probing System
- ✓ Through-Spindle Coolant
- ✓ Programmable Coolant Nozzle
- ✓ 10,000-rpm Spindle
- ✓ 30+1 Side-Mount Tool Changer
- ✓ Programmable Air
- ✓ Dual Auger-Conveyor
- ✓ Automatic Parts Loader
- ✓ APL Side Installation Kit

[View Details | Get Quote](#)

CANCELED ORDERS

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[VIEW MACHINES](#)



Demo Machines



INVENTORY TYPE EXPLAINED

Pre-owned Machines - Most pre-owned machines were used for training new machinists at schools and technical education centers. Previously owned and operated machines are sold as-is, with no warranty.

Demo Machines - Haas Demo Machines are new machines that were exhibited at trade shows or consigned directly to our dealer showrooms. These machines had limited usage performing test cuts for the purpose of demonstrating the capabilities of the Haas CNC machines. All Demo Machines come with a full one-year warranty.

***NOTE:** These machines are only available in the USA and Canada.

CNC VERTICALS

INVENTORY TYPE	MODEL	SERIAL#	OPTIONS	BUILT	LOCATION	SALES PRICE	
Demo	DC-1	1208076	This DC-1 includes Low Voltage Transformer, BT OPTION, 20,000-RPM INLINE SPINDLE 30 TAPER, 4th-Axis Drive, Auxiliary Coolant Filter, High-Pressure Flood Coolant, High-Speed Machining, Through-Spindle Coolant 300 psi, Intuitive Probing Renishaw, and NGC Control.	Aug 2024	ELGIN, IL	US\$107,155 US\$85,724 20% Discount	CONTACT US
Pre-Owned	DC-2/40	1212120	This DC-2/40 includes CT Taper, Low Voltage Transformer, Through-Spindle Coolant 300 psi, Intuitive Probing Renishaw, Air Blast-DC, 15K-RPM Incline Spindle, High-Speed Machining, Through-Tool Air Blast, and NGC Control	Mar 2025	OXNARD	US\$95,565 US\$60,206 37% Discount	CONTACT US DETAILS
Demo	DESKTOP MILL	9001911	This Desktop Mill includes Desktop Software Package, and NGC Control	May 2024	ELGIN, IL	US\$12,190 US\$10,971 10% Discount	CONTACT US

DEMO & PREOWNED

Pre-owned Machines - Most pre-owned machines were used for training new machinists at schools and technical education centers and are sold as-is, with no warranty.

Demo Machines - New machines that had limited usage performing test cuts for the purpose of demonstrating the machine capabilities. Sold with a full 1-year warranty.

[VIEW MACHINES](#)



Hot Deal Machines



HOT DEALS EXPLAINED

Hot Deals on In-Stock and Ready-to-Ship Machines

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HOT DEALS

In-Stock and Ready-to-Ship Machines

Haas Hot Deal Machines are brand-new machines in stock with special pricing. These machines are currently in our inventory, and ready for immediate delivery. All Hot Deal Machines come with a full standard 1-year warranty.

SEE DEALS



GM-1

Serial #: 1213093



\$2,043/Month

SALE PRICE: \$209,995

Save: \$48,055 (19% OFF)
Retail Price: \$258,050

OPTIONS:

- ✓ Automatic Air Gun
- ✓ Gantry Router Coolant System
- ✓ Through-Spindle Coolant
- ✓ 15,000-rpm Spindle
- ✓ Through-Tool Air Blast
- ✓ Chip Auger
- ✓ Programmable Coolant
- ✓ Wireless Intuitive Probing System
- ✓ High-Speed Machining

FREE 1-Year Winner's Circle

Membership: Enjoy Next-Day Delivery for Haas Tooling All Year!

[View Details | Get Quote](#)

VF-6/40

Serial #: 1210776



\$1,459/Month

SALE PRICE: \$149,995

Save: \$29,475 (16% OFF)
Retail Price: \$179,470

OPTIONS:

- ✓ 4th-Axis Drive and Wiring
- ✓ Through-Spindle Coolant Ready
- ✓ Wireless Intuitive Probing System
- ✓ 10,000-rpm Spindle
- ✓ High-Speed Machining

FREE 1-Year Winner's Circle

Membership: Enjoy Next-Day Delivery for Haas Tooling All Year!

[View Details | Get Quote](#)

DC-1

Serial #: 1213059, 1213116, 1213195



\$564/Month

SALE PRICE: \$57,995

Save: \$21,885 (27% OFF)
Retail Price: \$79,880

OPTIONS:

- ✓ 4th-Axis Drive and Wiring
- ✓ Wireless Intuitive Probing System
- ✓ High-Speed Machining

FREE 1-Year Winner's Circle

Membership: Enjoy Next-Day Delivery for Haas Tooling All Year!

[View Details | Get Quote](#)

DC-2

Serial #: 1213609



\$710/Month

SALE PRICE: \$72,995

Save: \$26,885 (27% OFF)
Retail Price: \$99,880

OPTIONS:

- ✓ Wireless Intuitive Probing System
- ✓ High-Speed Machining
- ✓ 4th-Axis Drive and Wiring

FREE 1-Year Winner's Circle

Membership: Enjoy Next-Day Delivery for Haas Tooling All Year!

[View Details | Get Quote](#)

Sales Actions



STOCK SALE

IN STOCK & READY TO SHIP

VOP

VALUE OPTION PACKAGES
A NEW WAY TO SAVE

FLASH SALE

STOCK SALE

IN STOCK & READY TO SHIP
Brand-New Hot Deals, Demo, Pre-Owned Machines, and more!

Deals ending soon!
HUGE DEALS ON 7500+ TOOLS

New Price DROPS!
Pre BLACK FRIDAY DEALS

FREE NEXT-DAY DELIVERY! \$10 FOR A YEAR!

HOT DEALS

In-Stock and Ready-to-Ship Machines

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[SEE DEALS](#)

DEMO & PREOWNED

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Demo Machines - New machines that had limited usage performing test cuts for the purpose of demonstrating the machine capabilities. Sold with a full 1-year warranty.

[VIEW MACHINES](#)

CANCELED ORDERS

Brand-New, Custom Configured Machines

Never Used! Canceled orders, fully inspected, and ready to ship with a standard 1-year warranty. These machines have never been installed, so don't miss out on these custom configured options at unbeatable prices!

[VIEW MACHINES](#)

- [HOT DEALS](#)
- [DEMO & PRE-OWNED](#)
- [CANCELED ORDERS](#)

HOT DEALS EXPLAINED

Hot Deals on In-Stock and Ready-to-Ship Machines

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Sales Actions



VOP

VALUE OPTION PACKAGES

**A NEW WAY
TO SAVE**

FLASH SALE



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Deals ending soon!
HUGE DEALS ON 7500+ TOOLS

New Price
DROPS!

Pre-
**BLACK
FRIDAY
DEALS**

**HAAS
TOOLING.COM**

FREE NEXT-DAY DELIVERY! SIGN UP FOR WINNER'S CIRCLE
\$95 **\$10** FOR A YEAR! **WINNER'S CIRCLE**

VF-SS 'Flash' Sale

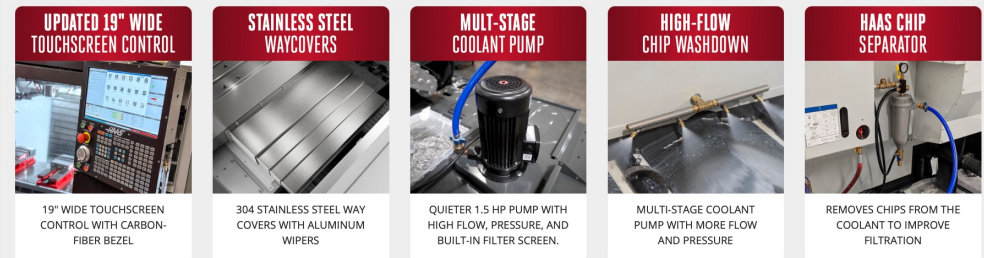
- Focus on VF updates that are now standard on the machines
- Highlighting VF-SS, but applies to all VF, VM, VR
- Including options that have been added over the past few years to highlight continued product expansion
- www.HaasCNC.com/VF-SS



NEW FOR 2025:

SUPER-SPEED MODELS, NOW LOADED WITH PREMIUM FEATURES – STANDARD

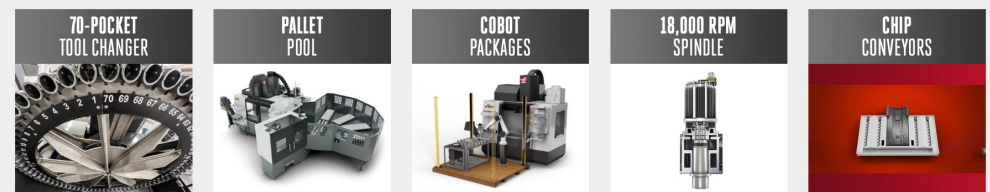
Every Haas Super-Speed (SS) mill now comes standard with a powerful lineup of upgraded features – **at no extra cost**. From enhanced coolant performance to stainless steel way covers and a sleek new control interface, these machines are built to run faster, cleaner, and more efficiently, right out of the box.



* Chip washdown currently only available on VF-2SS and VF-2SSYT. Coming soon to other SS models.

EXPAND YOUR SUPER-SPEED CAPABILITIES WITH **NEW** OPTIONAL UPGRADES

Take your Super-Speed machine even further with powerful new options designed to boost capacity and performance, and simplify automation. Whether you're looking to increase spindle speed, streamline chip management, or integrate lights-out production, these new options give you the flexibility to build the ultimate machine for your shop.







VF-SS 'Flash' Sale



- Limited time deals to help close deals on VF-SS machines
- Minimum configuration listed, can add more options and apply the 30% discount
- SPRs, 15% HFO GM
- THIS PROMO WILL END SOON, ACT NOW

LIMITED TIME OFFER: GET 30% OFF SPECIALLY CONFIGURED SUPER-SPEED MACHINES

VF-2SS	VF-2SSYT	VF-3SS	VF-4SS
\$743/Month SALE: \$76,395 * RETAIL PRICE: \$109,065	\$811/Month SALE: \$83,395 * RETAIL PRICE: \$119,065	\$860/Month SALE: \$88,395 * RETAIL PRICE: \$126,065	\$894/Month SALE: \$91,895 * RETAIL PRICE: \$131,065
30% OFF 	30% OFF 	30% OFF 	30% OFF 
INCLUDED OPTIONS: <ul style="list-style-type: none">- Through-Spindle Coolant- Wireless Intuitive Probing System- Chip Auger- Programmable Coolant Nozzle- High-Speed Machining- Auxiliary Coolant Filter	INCLUDED OPTIONS: <ul style="list-style-type: none">- Through-Spindle Coolant- Wireless Intuitive Probing System- Chip Auger- Programmable Coolant Nozzle- High-Speed Machining- Auxiliary Coolant Filter	INCLUDED OPTIONS: <ul style="list-style-type: none">- Through-Spindle Coolant- Wireless Intuitive Probing System- Chip Auger- Programmable Coolant Nozzle- High-Speed Machining- Auxiliary Coolant Filter	INCLUDED OPTIONS: <ul style="list-style-type: none">- Through-Spindle Coolant- Wireless Intuitive Probing System- Chip Auger- Programmable Coolant- High-Speed Machining- Auxiliary Coolant Filter Nozzle
INCLUDED TOOL KIT: <ul style="list-style-type: none">- 20-Piece, CT40 Toolholder Kit, TSC (Retail Price: \$1,999.95)	INCLUDED TOOL KIT: <ul style="list-style-type: none">- 20-Piece, CT40 Toolholder Kit, TSC (Retail Price: \$1,999.95)	INCLUDED TOOL KIT: <ul style="list-style-type: none">- 20-Piece, CT40 Toolholder Kit, TSC (Retail Price: \$1,999.95)	INCLUDED TOOL KIT: <ul style="list-style-type: none">- 20-Piece, CT40 Toolholder Kit, TSC (Retail Price: \$1,999.95)
View Details Get Quote	View Details Get Quote	View Details Get Quote	View Details Get Quote

Custom Financing that fits *your budget*

0% for up to 48 Months Terms up to 84 Months at **4.49%**

• As little as **10% Down** • **6-Months Skip** Available • **No Prepayment Penalties**

VF-SS



VF-2SS

Starting Price: US\$79,995

The Haas high-performance Super-Speed vertical machining centers provide the high spindle speeds, fast rapids, and quick tool changes necessary for high-volume production and reduced cycle times. Each SS machine features a 12,000-rpm, inline direct-drive spindle, an ultra-fast side-mount tool changer, and high-speed rapids on all axes. **The VF-2SS is our most popular Super-Speed model.**

- High-speed spindle
- Fast rapids
- Super-speed side-mount tool changer

Current Lead Time [↗](#)
4 Weeks - Contact your local HFO for delivery times.

40
TAPER

3
AXIS

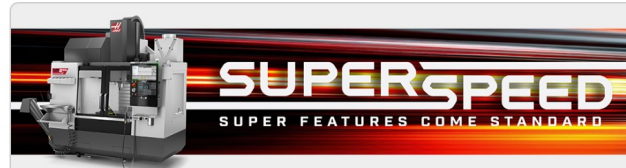
12k
RPM

30+1
TOOL CAPACITY

COMPARE MACHINES

EXPLORE ALL INVENTORY [↗](#)

High lighting on the VF-SS PDPs
Links to the VF-SS 'Flash Sale'



NEW FOR 2025:

SUPER-SPEED MODELS, NOW LOADED WITH **PREMIUM FEATURES – STANDARD**
Every Haas Super-Speed now comes standard with a powerful lineup of upgraded features – **at no extra cost**. From enhanced coolant performance to stainless steel way covers and a sleek new control interface, these machines are built to run faster, cleaner, and more efficiently, right out of the box.

BUILD-&-PRICE

MACHINE INFO

AUTOMATION

SPECS

ROTARY FIT CHART

VF-2SS Build-&-Price

Base Price **US\$79,995** Payments as low as **US\$1,342/mo** **60 months** [↕](#)

Current Configuration [>](#)

Value Option Packages

CURRENT CONFIGURATION

UMC-SS 'Flash' Sale



- Focus on UMC updates that are now standard on the machines
- Highlighting UMC-SS, but applies to all UMCs
- Including options that have been added over the past few years to highlight continued product expansion
- www.HaasCNC.com/UMC-SS

NEW FOR 2025:

SUPER-SPEED MODELS, NOW LOADED WITH PREMIUM FEATURES – STANDARD

Every Haas Super-Speed (SS) UMC now comes standard with a powerful lineup of upgraded features – **at no extra cost**. From enhanced coolant performance to stainless steel way covers and a sleek new control interface, these machines are built to run faster, cleaner, and more efficiently, right out of the box.

UPDATED TOUCHSCREEN CONTROL



19" WIDE TOUCHSCREEN CONTROL WITH CARBON-FIBER BEZEL

STAINLESS STEEL WAYCOVERS



304 STAINLESS STEEL WAY COVERS

MULT-STAGE COOLANT PUMP



HIGHER FLOW & PRESSURE WITH REDUCED NOISE

PHONE CHARGING STAND



15W WIRELESS CHARGER WITH AUTO-GRIP, 3-AXIS MOUNT, AND USB POWER

BROKEN TOOL DETECTION

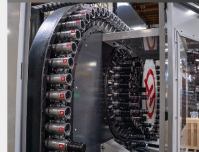


BUILT-IN CAMERA DETECTS BROKEN TOOLS

EXPAND YOUR SUPER-SPEED CAPABILITIES WITH NEW OPTIONAL UPGRADES

Take your Super-Speed machine even further with powerful new options designed to boost capacity and performance, and simplify automation. Whether you're looking to increase spindle speed, streamline chip management, or integrate lights-out production, these new options give you the flexibility to build the ultimate machine for your shop.

120+1 SIDE MOUNT TOOL CHANGER



PALLET POOL



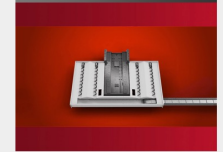
COBOT PACKAGES



18,000 RPM SPINDLE



CHIP CONVEYORS





UMC-SS 'Flash' Sale



- Limited time deals to help close deals on UMC-SS machines
- Minimum configuration listed, can add more options and apply the 30% discount
- SPRs, 15% HFO GM

- THIS PROMO WILL END SOON, ACT NOW

LIMITED TIME OFFER: GET 30% OFF SPECIALLY CONFIGURED SUPER-SPEED MACHINES

UMC-500SS	UMC-750SS
\$1,625/Month	\$1,946/Month
SALE: \$166,995 * RETAIL PRICE: \$238,710	SALE: \$199,995 * RETAIL PRICE: \$289,710
	
INCLUDED OPTIONS: <ul style="list-style-type: none">- Through-Spindle Coolant- 15,000-rpm Spindle- High-Speed 50+1 Side-Mount Tool Changer- Belt-Type Chip Conveyor UMC- Programmable Coolant Nozzle- Auxiliary Coolant Filter	INCLUDED OPTIONS: <ul style="list-style-type: none">- Through-Spindle Coolant- 15,000-rpm Spindle- High-Speed 50+1 Side-Mount Tool Changer- Belt-Type Chip Conveyor UMC- Programmable Coolant Nozzle- Auxiliary Coolant Filter
INCLUDED TOOL KIT: <ul style="list-style-type: none">- 20-Piece, CT40 Toolholder Kit, TSC (Retail Price: \$1,999.95)- 5" Self-Centering Vise and Riser Kit (Retail Price: \$1,699.95)	INCLUDED TOOL KIT: <ul style="list-style-type: none">- 20-Piece, CT40 Toolholder Kit, TSC (Retail Price: \$1,999.95)- 5" Self-Centering Vise and Riser Kit (Retail Price: \$1,699.95)
View Details Get Quote	View Details Get Quote



Custom Financing that fits *your budget*

0% for up to **48 Months** Terms up to **84 Months** at **4.49%**

• As little as **10% Down** • **6-Months Skip** Available • **No Prepayment Penalties**

ST-Y 'Flash' Sale


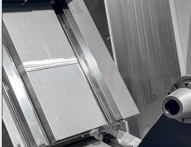

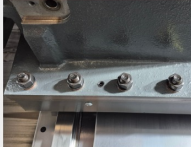



- Concept applied to ST-Y
- Standard lathes have these updates as well, focusing on the ST-Y in this piece
- www.HaasCNC.com/ST-Y

NEW FOR 2025:

Y-AXIS LATHES, NOW LOADED WITH PREMIUM FEATURES – STANDARD

Every Haas Y-Axis Lathe now comes standard with a powerful lineup of upgraded features – **at no extra cost**. From enhanced coolant performance to stainless steel way covers and a sleek new control interface, these machines are built to run faster, cleaner, and more efficiently, right out of the box.

19" TOUCHSCREEN CONTROL 	STAINLESS STEEL WAYCOVERS 	MULT-STAGE COOLANT PUMP 	TURRET HOUSING MOUNTING BOLTS 	SPINDLE HEAD ACCESS 
19" WIDE TOUCHSCREEN CONTROL WITH CARBON-FIBER BEZEL	304 STAINLESS STEEL WAY COVERS	HIGHER FLOW & PRESSURE WITH REDUCED NOISE	UPDATED TO HIGH STRENGTH STUDS WITH FLANGE NUTS	SIMPLIFIED SHEET METAL REMOVAL FOR ACCESS TO MACHINE COMPONENTS

EXPAND YOUR SUPER-SPEED CAPABILITIES WITH **NEW** OPTIONAL UPGRADES

Take your Super-Speed machine even further with powerful new options designed to boost capacity and performance, and simplify automation. Whether you're looking to increase spindle speed, streamline chip management, or integrate lights-out production, these new options give you the flexibility to build the ultimate machine for your shop.

WIPS-L 	BMT45 ST-Y10 	BMT75 ST-Y15 	COBOT 	Y-AXIS LARGE LATHES 
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ST-Y 'Flash' Sale



- Limited time deals to help close deals on ST-Y machines
- Minimum configuration listed, can add more options and apply the 30% discount
- SPRs, 15% HFO GM
- **THIS PROMO WILL END SOON, ACT NOW**

LIMITED TIME OFFER: GET 30% OFF SPECIALLY CONFIGURED ST-Y-AXIS LATHES

ST-10Y	ST-20Y	ST-30Y	ST-40Y
<p>\$846/Month</p> <p>SALE: \$86,995 RETAIL PRICE: \$123,810</p>	<p>\$973/Month</p> <p>SALE: \$99,995 RETAIL PRICE: \$143,395</p>	<p>\$1,597/Month</p> <p>SALE: \$164,095 RETAIL PRICE: \$164,095</p>	<p>\$1,849/Month</p> <p>SALE: \$189,995 RETAIL PRICE: \$272,560</p>
<p>30% OFF</p>			
<p>INCLUDED OPTIONS:</p> <ul style="list-style-type: none"> - 6000-rpm Speed Upgrade for Live Tooling - Automatic Tool Presetter - Conveyor - Chuck Air Blast - Manual Tailstock with Hydraulic Quill <p>INCLUDED TOOL KIT:</p> <ul style="list-style-type: none"> - BMT45, 90° Radial Live/Driven Turning Holder, Haas Toolholding by BENZ (Retail Price \$2,099.95) - 5" Self-Centering Vise and Riser Kit (Retail Price: \$1,699.95) 	<p>INCLUDED OPTIONS:</p> <ul style="list-style-type: none"> - 6000-rpm Speed Upgrade for Live Tooling - Automatic Tool Presetter - Conveyor - Chuck Air Blast - Programmable Hydraulic Tailstock - Wireless Intuitive Probing System <p>INCLUDED TOOL KIT:</p> <ul style="list-style-type: none"> - BMT65, Straight Axial Live/Driven Turning Holder, Haas Toolholding by EXSYS/Eppinger (Retail Price: \$1,09.95) - BMT65, 90° Radial Live/Driven Turning Holder, Haas Toolholding by EXSYS/Eppinger (Retail Price: \$2,199.95) 	<p>INCLUDED OPTIONS:</p> <ul style="list-style-type: none"> - 6000-rpm Speed Upgrade for Live Tooling - Automatic Tool Presetter - Conveyor - Chuck Air Blast - Programmable Hydraulic Tailstock - Wireless Intuitive Probing System <p>INCLUDED TOOL KIT:</p> <ul style="list-style-type: none"> - BMT65, Straight Axial Live/Driven Turning Holder, Haas Toolholding by EXSYS/Eppinger (Retail Price: \$1,09.95) - BMT65, 90° Radial Live/Driven Turning Holder, Haas Toolholding by EXSYS/Eppinger (Retail Price: \$2,199.95) 	<p>INCLUDED OPTIONS:</p> <ul style="list-style-type: none"> - Automatic Tool Presetter - Conveyor - High-Intensity Lighting, 24V - Programmable Hydraulic Tailstock - Wireless Intuitive Probing System <p>INCLUDED TOOL KIT:</p> <ul style="list-style-type: none"> - BMT75, 90° Radial Live/Driven Turning Holder, Haas Toolholding by EXSYS/Eppinger (Retail Price: \$2,899.95) - BMT75, Straight Axial Live/Driven Turning Holder, Haas Toolholding by EXSYS/Eppinger (Retail Price: \$1,699.95)
View Details Get Quote	View Details Get Quote	View Details Get Quote	View Details Get Quote

Marketing Campaigns



2025 AVAILABLE DIGITAL MARKETING CAMPAIGNS + MODEL GUIDES/PDFS/CATALOGS

These campaigns will be running throughout 2025. Email HFOEmailSupport@haascnc.com if you want to have Haas email your customer base regarding any of the below campaigns.

CURRENT LIVE MARKETING CAMPAIGNS

NEW Marketing Campaigns added

- **120-Pocket Side-Mount Tool Changer** *NEW
- **Mill-Spindle C-Axis** *NEW
- **Knee Mill** *NEW
- **Box Way Lathe** *NEW
- **HFL-3015 Fiber Laser** *NEW
- **DMs/DTs** *NEW
- **Hot Deals on In-Stock Machines** *NEW
- **Financing Rates** *NEW
- **SR-3015 Sheet Router** *NEW
- **HFO Demo Day** *NEW
- **DC-Series** *NEW
- **GM-1 Gantry Mills** *NEW

Ongoing Marketing Campaigns Available

- EU Models *(update coming soon)*
- Mini Mill Redesign
- Rotaries
- Customer Testimonials
- Showroom Machines/Local Inventory
- Energy Savings
- New to CNC
- New to Haas
- Advanced Haas User
- Industry – Aerospace
- Industry – Firearms
- Industry – Medical/Dental

- Haas Makes It Easy
- Why Haas
- First-Time Buyers
- Small Footprint
- Affordable Machines
- Most Popular Machine
- Robot Competition
- Most Popular Machine
- Fully Integrated Pallet Pools
- Why Buy a Robot
- Trade In, Trade Up
- Machine Highlight
- Small VF
- EC-400
- VC-400
- UMC-500
- 50-Taper
- ST-28Y
- VF-2YT Series Pallet Pool

TOOLING MARKETING CAMPAIGNS

- **Haas Cobot** *NEW
- Benefits of Haas Tooling
- Haas Workholding by Kurt
- Ready2Run
- Ready2Machine

PDFS/CATALOGS/MODEL GUIDES

Available in Multiple Languages

- **Haas Journal** *NEW
- **Model Guides** *NEW
- **Shop Notes** *NEW
- EU Series PDFs
- Haas Tooling Winner's Circle Introduction Flyer
- Haas Tooling Winner's Circle Letter
- Haas Tooling Winner's Circle Poster
- Haas Tooling 4 Pagers
- Haas Tooling Catalog
- Haas Guide to Automation: Robots
- V-Model PDFs
- Catalog on Haas Automated Systems

HFO EVENTS

Fill out the survey below to start the process of getting marketing materials created for your event. You must submit the survey a minimum of 2 months before your event. *Date updated: Jan 2025*

[EVENT SURVEY](#)

**Click here for the Demo Day survey and marketing materials.*

VALUE OPTION PACKAGES

PROMOTIONS

NEW PRODUCTS

GENERAL & MACHINE

TOOLING

PDFS AND BROCHURES

VALUE OPTION PACKAGES (VOP) *NEW

Date updated: May 19, 2025

Financing



CNCA FINANCING PRESENTS:

CHOOSE YOUR OWN **FINANCING**

LOWEST DOWN PAYMENT

10% DOWN
4.49% INTEREST FOR
60-MONTHS.

PAYMENTS AS LOW AS

\$1,678 PER MONTH

LOWEST INTEREST

0% FOR 48 MONTHS
REQUIRES LARGER DOWN PAYMENT

PAYMENTS AS LOW AS

\$1,250 PER MONTH

LONGEST TERM

84-MONTH TERM
WITH RATES **AS LOW AS 4.49%***

PAYMENTS AS LOW AS

\$973 PER MONTH

SAMPLE PAYMENTS ARE BASED ON A \$100,000 CNC MACHINE PURCHASE.

SAVE \$8,429 IN INTEREST!

(BASED ON 0.00% FOR 48 MONTHS, COMPARED TO LENDERS
WITH SIMILAR TERMS AT 6.66% INTEREST)

NO PRE-PAYMENT PENALTIES EVER!

UP TO
6-MONTH SKIP
AVAILABLE



Haas Automation, Inc.
2800 Sturgis Rd., Oxnard, CA, USA, +1-805-278-1800

Haas Automation Europe
Mercuriusstraat 28, B-1930 Zaventem, Belgium

Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment. Actual product appearance may differ. Pricing subject to change without notice.

CNCA Financing



INSANE FINANCING FOR YOUR NEXT HAAS CNC

DOWN PAYMENT	CHOOSE YOUR TERM						
	12-MONTHS	24-MONTHS	36-MONTHS	48-MONTHS	60-MONTHS	72-MONTHS	84-MONTHS
10% DOWN	0.00%	1.99%	2.99%	3.99%	4.49%	N/A	N/A
20% DOWN	0.00%	0.99%	1.99%	2.49%	3.99%	4.99%	5.49%
25% DOWN	0.00%	0.00%	0.99%	1.99%	2.99%	4.49%	4.99%
30% DOWN	0.00%	0.00%	0.00%	0.99%	2.49%	3.99%	4.49%
40% DOWN	N/A	N/A	N/A	0.00%	N/A	N/A	N/A
20% DOWN + 3-MO SKIP	N/A	1.49%	1.99%	3.49%	4.99%	5.49%	5.99%
30% DOWN + 6-MO SKIP	N/A	1.99%	2.49%	3.99%	N/A	N/A	N/A

CNCA Financing



Effective July 1, 2025		Changed from June 2025						
	Skip Days	Months						
Term		12	24	36	48	60	72	84
10%		0.00%	1.99%	2.99%	3.99%	4.49%		
20%		0.00%	0.99%	1.99%	2.49%	3.99%	4.99%	5.49%
25%		0.00%	0.00%	0.99%	1.99%	2.99%	4.49%	4.99%
30%		0.00%	0.00%	0.00%	0.99%	2.49%	3.99%	4.49%
40%					0.00%			
20%	90		1.49%	1.99%	3.49%	4.99%	5.49%	5.99%
30%	180		1.99%	2.49%	3.99%			

		RATE FACTORS						
Term		12	24	36	48	60	72	84
10%		0.08333	0.04254	0.02077	0.02258	0.01864		
20%		0.08333	0.04210	0.02864	0.02191	0.01842	0.01611	0.01437
25%		0.08333	0.04167	0.02821	0.02170	0.01797	0.01587	0.01413
30%		0.08333	0.04167	0.02778	0.02156	0.01775	0.01565	0.01390
40%					0.02083			
20%	90		0.04243	0.02874	0.02249	0.01903	0.01649	0.01475
30%	180		0.04289	0.02916	0.02295			

CNCA Financing



Down Pmt	12	24	36	48	60	72	84	Total
10%	4	14	140	65	166	57	120	566
20%	9	10	24	219	75	16	21	374
25%	0	0	3	0	1	0	0	4
30%	2	3	18	69	163	7	10	272
40%	0	0	0	0	0	0	0	0
Total	15	27	185	353	405	80	151	1216
90 Days		1	1		2		2	6
180 Days				1	9		4	14
Total	0	1	1	1	11	0	6	20

Down Pmt	12	24	36	48	60	72	84	Total
10%	0.3%	1.2%	11.5%	5.3%	13.7%	4.7%	9.9%	46.5%
20%	0.7%	0.8%	2.0%	18.0%	6.2%	1.3%	1.7%	30.8%
25%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.3%
30%	0.2%	0.2%	1.5%	5.7%	13.4%	0.6%	0.8%	22.4%
40%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	1.2%	2.2%	15.2%	29.0%	33.3%	6.6%	12.4%	100.0%

CNCA Financing Details



- Low rates, better than ANYONE in the industry
- No pre-payment penalties
- Finance machine, tooling and shop support in a single deal
 - Tooling cannot be financed by itself
 - Shop support financed by itself will not have promo financing rates, it will have market rates
- More down payment is required for the longer terms as it takes longer for customer to build equity in the machine
 - The less equity in the machine, the higher the chance of a default
- Understand the value of 'free money' on 0% rates
 - Customers can take the money they had allocated for a 'cash purchase' and then invest that money, after subtracting the down payment, in a high yield savings account, money market account or other investments
- All quotes to customers, ALL QUOTES, should include the CNCA Financing PDF
 - If necessary, show the customer what they payment would be based on a few scenarios
 - Make the customer say 'no' to financing
- Get this info to the right person
 - CEO, CFO, accountant, the wife
- 180 day skips = 'No payments until 2026'
- Combine with Section 179 accelerated depreciation you can say
 - 'Take the tax savings in 2025 and make no payments until 2026'

CNCA FINANCING PRESENTS:

CHOOSE YOUR OWN FINANCING

LOWEST DOWN PAYMENT	LOWEST INTEREST	LONGEST TERM
10% DOWN 4.49% INTEREST FOR 60-MONTHS. PAYMENTS AS LOW AS \$1,678 PER MONTH	0% FOR 48 MONTHS REQUIRES LARGER DOWN PAYMENT PAYMENTS AS LOW AS \$1,250 PER MONTH	84-MONTH TERM WITH RATES AS LOW AS 4.49%* PAYMENTS AS LOW AS \$973 PER MONTH

SAMPLE PAYMENTS ARE BASED ON A \$100,000 CNC MACHINE PURCHASE.

SAVE \$8,429 IN INTEREST!
(BASED ON 0.00% FOR 48 MONTHS, COMPARED TO LENDERS WITH SIMILAR TERMS AT 6.66% INTEREST)

NO PRE-PAYMENT PENALTIES EVER! **UP TO 6-MONTH SKIP AVAILABLE**

Haas Automation, Inc.
2800 Shurgis Rd., Danvers, CA, USA, +1-805-278-1800

Haas Automation Europe
Morsruisstraat 28, B-1950 Zaventem, Belgium

*FINANCING TERMS, CONDITIONS, AND EXCEPTIONS: U.S. AND CANADA ONLY. REFERENCES ARE TO AN IMPLIED INTEREST RATE UNDER A CONDITIONAL SALES CONTRACT. INTEREST ACCRUES DURING THE SKIP PERIOD. DOWN PAYMENT, RATE, AND TERMS OF FINANCING ARE DEPENDENT UPON CREDIT APPROVAL. ALL OTHER BUSINESS TERMS APPLY. THESE OR MORE YEARS OF OPERATION UNDER CURRENT FINANCING. ALL PROGRAMS ARE FOR: 40% DOWN, MUST PAY A MINIMUM OF 20% DOWN TO GET NO PAYMENTS FOR 3 MONTHS. CERTAIN ACCESSORIES (E.G., STAND-ALONE ROTARIES, SHOP EQUIPMENT, BAK FEEDERS, ETC.) ARE SUBJECT TO SHORTER TERMS. NO PREPAYMENT PENALTY ON ANY PROGRAM. OFFER VALID ON NEW MACHINE ORDERS PLACED FROM JAN 01 - JULY 31, 2025.

CNCA Financing



- Understand how to use rate factor
- 48 mo @ 0% (0.02083 factor)
 - \$50k equals \$1,041 per month, which is \$52 per day
- 84 mo @ 4.49% (0.01390 factor)
 - \$50k equals \$695 per month, which is \$35 per day
- Provide examples of payments in quotes
 - Use your insight into the customer to decide which deals to present

Effective July 1, 2025		Changed from June 2025						
	Skip Days	Months						
Term		12	24	36	48	60	72	84
10%		0.00%	1.99%	2.99%	3.99%	4.49%		
20%		0.00%	0.99%	1.99%	2.49%	3.99%	4.99%	5.49%
25%		0.00%	0.00%	0.99%	1.99%	2.99%	4.49%	4.99%
30%		0.00%	0.00%	0.00%	0.99%	2.49%	3.99%	4.49%
40%					0.00%			
20%	90		1.49%	1.99%	3.49%	4.99%	5.49%	5.99%
30%	180		1.99%	2.49%	3.99%			

		RATE FACTORS						
Term		12	24	36	48	60	72	84
10%		0.08333	0.04254	0.02077	0.02258	0.01864		
20%		0.08333	0.04210	0.02864	0.02191	0.01842	0.01611	0.01437
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30%		0.08333	0.04167	0.02778	0.02156	0.01775	0.01565	0.01390
40%					0.02083			
20%	90		0.04243	0.02874	0.02249	0.01903	0.01649	0.01475
30%	180		0.04289	0.02916	0.02295			

Payment Calculator



Total Deal \$ 132,642.92								
	Down Pymt	12- Months	24-Months	36-Months	48-Months	60-Months	72-Months	84-Months
10% Down	\$ 13,264.29	\$ 9,948.22	\$ 5,078.37	\$ 2,479.49	\$ 2,695.57	\$ 2,225.22		
20% Down	\$ 26,528.58	\$ 8,842.86	\$ 4,467.41	\$ 3,039.11	\$ 2,324.97	\$ 1,954.63	\$ 1,709.50	\$ 1,524.86
25% Down	\$ 33,160.73	\$ 8,290.18	\$ 4,145.09	\$ 2,806.39	\$ 2,158.76	\$ 1,787.69	\$ 1,578.78	\$ 1,405.68
30 % Down	\$ 39,792.88	\$ 7,737.50	\$ 3,868.75	\$ 2,579.17	\$ 2,001.85	\$ 1,648.09	\$ 1,453.10	\$ 1,290.62
40% Down	\$ 53,057.17				\$ 1,658.04			
20%+3mo Skip	\$ 26,528.58		\$ 4,502.43	\$ 3,049.73	\$ 2,386.51	\$ 2,019.36	\$ 1,749.83	\$ 1,565.19
30%+6mo Skip	\$ 39,792.88		\$ 3,982.34	\$ 2,707.51	\$ 2,130.91			

Finance Comparisons



- CNCA rates beat market rates by 3% to 5%
- Translates into real savings
- Know the rates in your market

25% down	CNCA	Market
Term	60	60
Interest Rate	2.99%	6.99%
Financed Amnt	\$ 100,000	\$ 100,000
Monthly Payment	\$ 1,796.42	\$ 1,979.65
Diff/Mo	\$ 183.22	
Total Savings	\$ 10,993.40	

- Understand the differences a down payment can make in the monthly payment

	20% Down	25% Down	30% Down
Term	60	60	60
Interest Rate	3.99%	2.99%	2.49%
Financed Amnt	\$ 100,000	\$ 100,000	\$ 100,000
Monthly Payment	\$ 1,841.20	\$ 1,796.42	\$ 1,774.30
Diff/Mo		\$ 44.78	\$ 66.91
Total Savings		\$ 2,686.57	\$ 4,014.34

New vs Used - Financed



- Most common competitor for Haas is a used Haas
- Used machines do not have the same rates as new
- Installation and warranty advantage with new machine
- Updated specs and features
- NGC software allows for future upgrades

	New	Used
Term	60	60
Interest Rate	3.99%	9.00%
Sale Price	\$ 100,000.00	\$ 65,000.00
25% Down	\$ 25,000.00	\$ 16,250.00
Warranty	1 Year	None
Monthly Payment	\$ 1,380.90	\$ 1,011.97
Installation Cost	\$ -	\$ 2,000.00

New Machine for Old Machine



- Advantage of a Haas machine is extensive service support/parts for older machines
- Disadvantage is that customers will hold onto machines and repair rather than replace
- Larger service repairs are opportunities to for a new machine
- Use the repair cost into a down payment
- Examples:
 - Lack of maintenance and PMs resulted in wearing out linear guides and B/S
 - 2 sets of linear guides, 1 ball screw for VF-4SS
 - \$26,801.05 repair bill
 - Failed transmission on HS-1RP
 - \$19,256.48

Section 179



- Capital equipment (CNC machines) can be completely expenses in the year they were installed
- Up to \$2.5M in total expenses
- Customers reduce their tax bill by having more \$ to expense at once, rather than spread over 7 years
- Show the math in SIMPLE terms
- Reference the Haas videos about using Section 179 for tax savings
- 'Take the tax savings in 2025 and no payments until 2026'

'Free' Shop Support Machines



- Haas Knee Mill, Haas Manual Lathe, Haas Band Saws, Haas Air Compressor, Haas Laser Marker
 - Make that the sweetener to close a deal
 - Anticipate this approach and do NOT show all the discounting to start
 - Save that added discount to apply as 'free' shop support equipment
 - Customers always remember the 'free' items
 - Take past stand-alone shop support quotes and re-quote w/ a machine and 'give away' the shop support machine
-

'Free' Shop Support Machines



Example: 'throwing in' a HKM-1 on a 3-machine deal

- (3) VF-4SS @ \$132,055 each
- SPR for 20% retail discount w/ 15% HFO GM
- Net price of VF-4SS = \$89,250
- Net price of HKM-1 = \$22,095

	USD	%
Retail Sale Price (USD)	132,055.00	
Total Discount (USD)	-27,055.00	-20.49 %
HFO Participation (USD)	-8,715.63	-6.60 %
Haas Participation (USD)	-18,339.37	-13.89 %
Final Sale Price (USD)	105,000.00	
HFO Net Price (USD)	89,250.00	
HFO GP (USD)	15,750.00	15.00 %
SPR Amount (USD)	-18,339.37	-17.05 %

- Present to customer a 15% discount on the machines + 'free HKM-1'
 - $\$132,055 \times 3 + \$25,995 = \$422,010$ list price
 - $\$422,010 - \$25,995 - (3 \times \$19,808) = \$336,590$ or 20% discount to customer
- HFO margin calculations
 - Via SPR VF-4SS cost $\$89,250 \times 3 = \$267,750$
 - HKM-1 cost = \$22,095
 - Total cost = \$289,845
 - HFO GM = \$46,894 or 14%

Blind Quoting



- What is a blind quote
 - Unsolicited quote on a new machine sent to a customer
- Who to blind quote
 - Owners, decision makers
 - Shop manager
 - B&P submissions
- How to blind quote
 - Email MO quote
 - Include VOPs
 - Print and mail quote
 - Send link to PDP via email or SMS
 - Send PDF about machine via email or SMS

What Do We Do Now?



Haas

- Stay focused
- Continue adding more products
- Continue improving products and software
- Expanding Haas Tooling

HFOs

- Sell Haas value
 - Use the 'More Than' approach
 - Make the calls
 - Make the offer they can't refuse, do not say 'no' for the customer
-

Product Updates

New Products Strategy



- 3 methods
 1. Haas designed and built
 - ST-40Y, DT-3, DM-3, VF-7SS, VF-8SS, VM-8, GM-1, etc
 2. Naked machines
 - Machines w/o a control, but a complete machine tool
 - Haas Control and options added at the Factory
 - DCs, SBs, SRs
 3. Branded machines
 - Complete machines that are branded Haas
 - Updated to our requirements
 - Air compressors, laser markers, tool presetters, knee mill, CMM, etc
- Key element – all machines are sold, serviced and supported by **HFOs**

Control and Color Update



- 19" widescreen monitor
- New colors and decals
 - Flat black doors and accent sheet metal
- Carbon fiber pendant, glovebox door, and RJH housing



19" Monitor and Color Update



- February
 - UMC-400/500, ST-30/35, DS-30Y, SR-3015P, DT-3, DM-3, SB-28Y, ST-40LY, GM-1
- March
 - UMC-750, VF-3/4/5, VR-5, VP-5, VM-3
- April
 - VF-1/2, VM-2
- May
 - UMC-1000/1250/1500, VF-6 to VF-14, ST-10 to ST-55, VR, VM
- June
 - DT, DM, EC, GM, HDC, VC, VS
- July and beyond
 - GR, MM, CM, CL, Simulators

Haas Control Versions



Premium Control



Premium Control

- 'DS9' software
- 19" monitor
- Touch Screen
- New features will be added

Standard Control



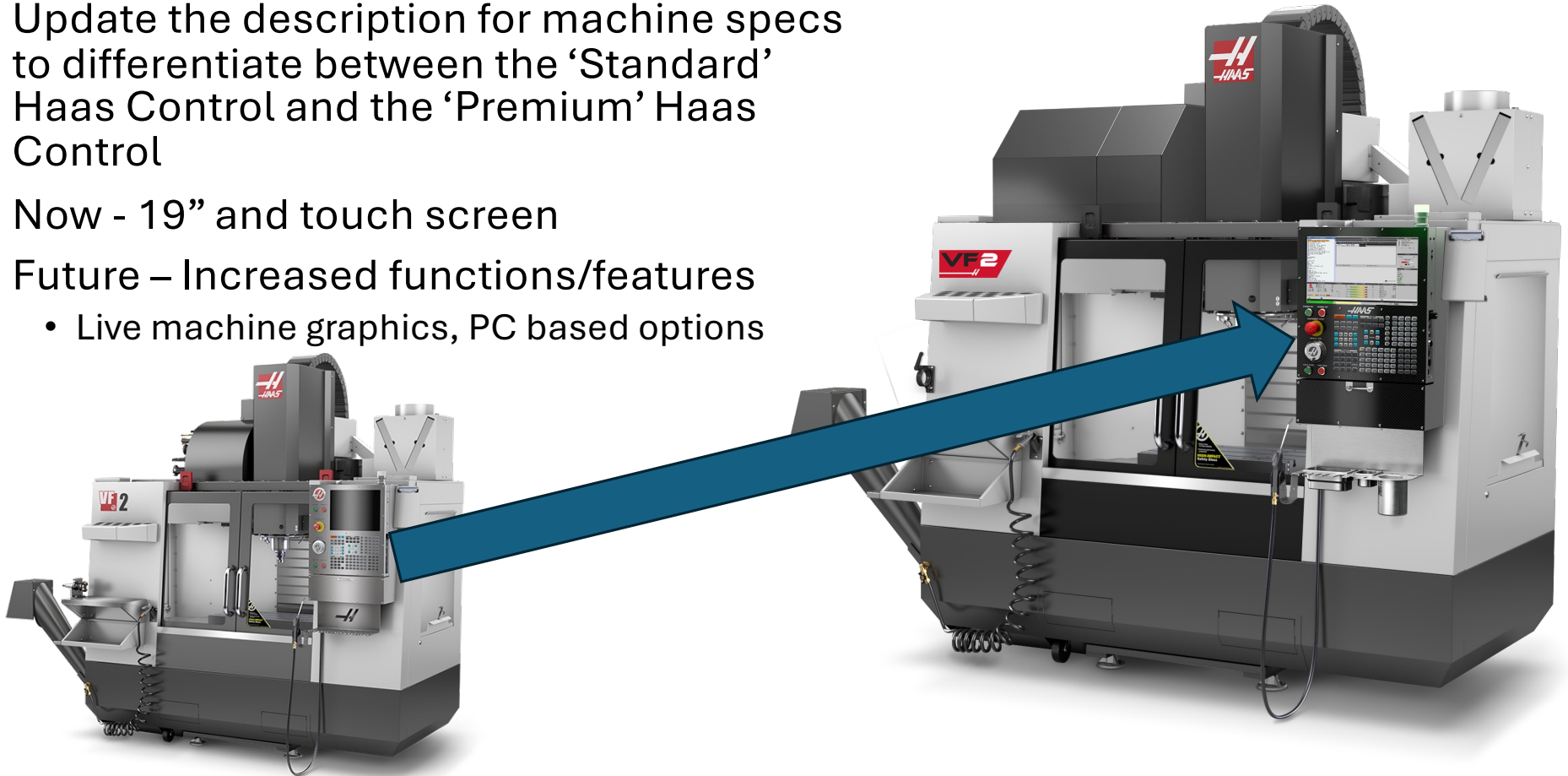
Standard Control

- 'NGC' software
- 15" monitor
- No touch screen (phase out)
- No new features

Premium Control



- Update the description for machine specs to differentiate between the 'Standard' Haas Control and the 'Premium' Haas Control
- Now - 19" and touch screen
- Future – Increased functions/features
 - Live machine graphics, PC based options



Premium Control Specs



CNC Machining is Complex. Your Control Shouldn't Be.

OVERVIEW FEATURES & OPTIONS **SPECS** VIDEOS

VMC Control Specs HMC Control Specs Lathe Control Specs

VMC CONTROL SPECS

GENERAL	Standard Control	Premium Control
Microprocessor	Quad Core	New/Updated Specs
Program execution speed	1000 blocks/sec standard	
Axis control	3 axes linear, 4th and 5th axes optional	
Interpolation	G01, G02, G03, helical	
Min. input increment	- inch mode 0.0001" - metric mode 0.001 mm	
Min. output resolution	0.0000072" (0.000 18 mm)	
FEED FUNCTIONS		
Rapid Traverse Override	5%, 25%, 50%, 100%	
Feedrate Override	0% to 999% in 1% increments	

- Provide a differentiation between the 'Standard' control and 'Premium' control
- Make Haas Connect an option on 'Standard' control, but included with 'Premium' control

Haas Control Version Deployment



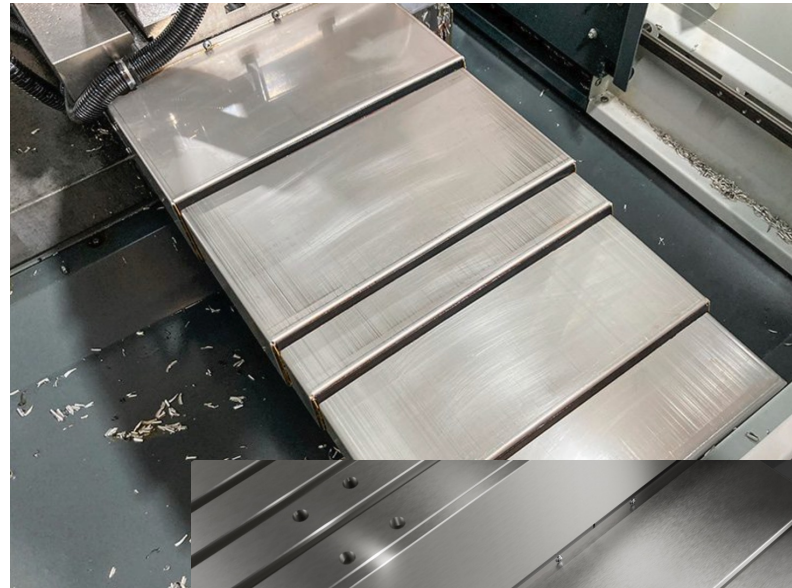
Control Version	Machines
Premium Control	VF, VR, VM, UMC, GM, GR, DC, DT, DM, UMC, EC, ST, DS
Standard Control	TM, TL, Desktop, SR, Pocket



Stainless Way Covers



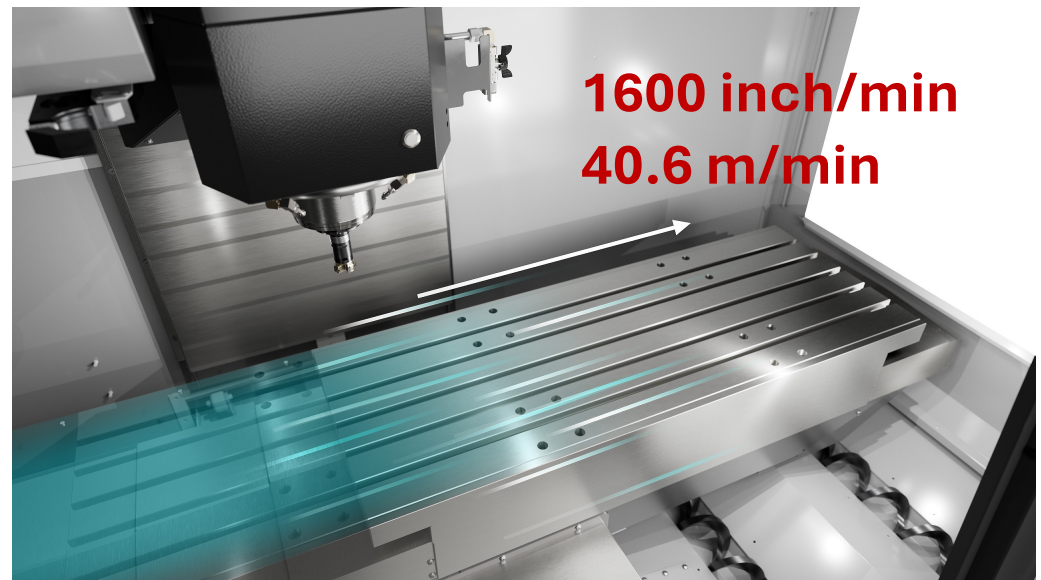
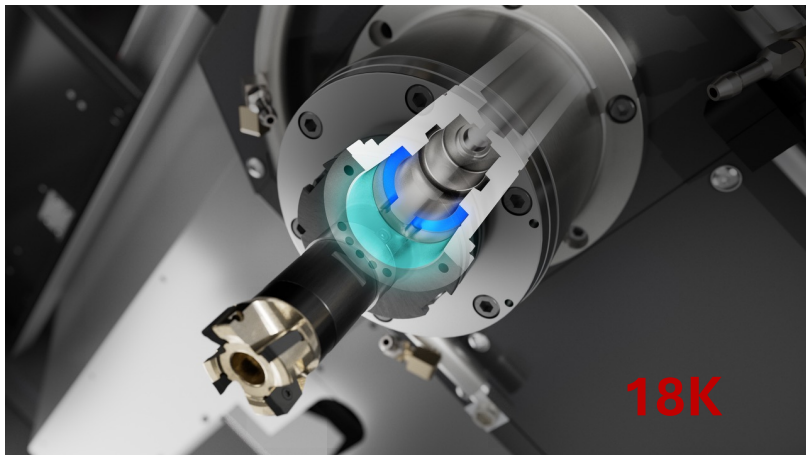
- All way covers will be updated to stainless steel
- Both mills and lathes
- Standard on:
 - All VF, VM, VR
 - ST-20, ST-30L, ST-40Ys
 - MM
 - CM/CL
 - ECs
 - HDC
 - VS
 - UMC



Super Speeds Upgrades

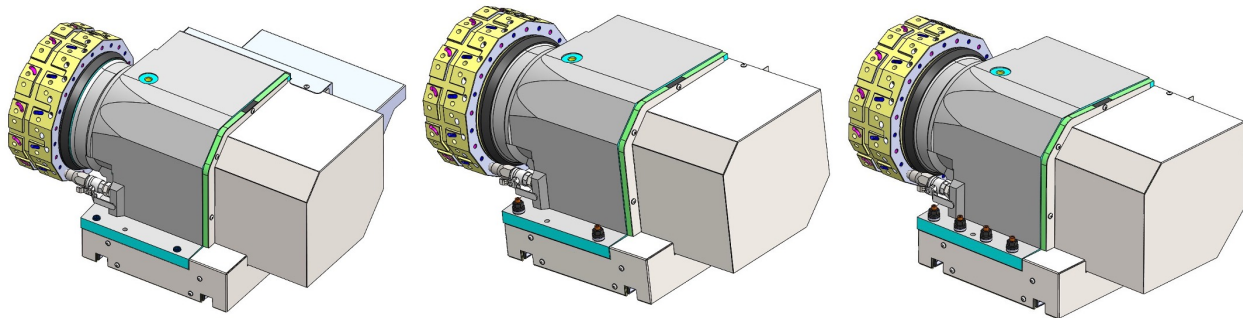


- 2025 Super Speed Improvements
 - 1600 ipm / 40.6 m/min rapids
 - End of Q3-2025 release, not on VF-5SS, VF-6SS, VF-7SS, VF-8SS
 - 18,000-rpm 40-taper & HSK63A spindle options



Lathe Turret Housings

BMT65 Studs + Nuts Update



OLD Design (4X SHCS)

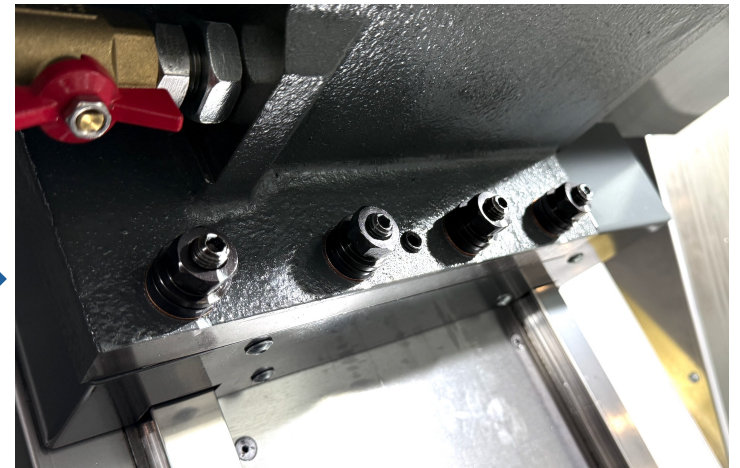


Interim Design (4X Studs + Nuts)
IN PRODUCTION NOW

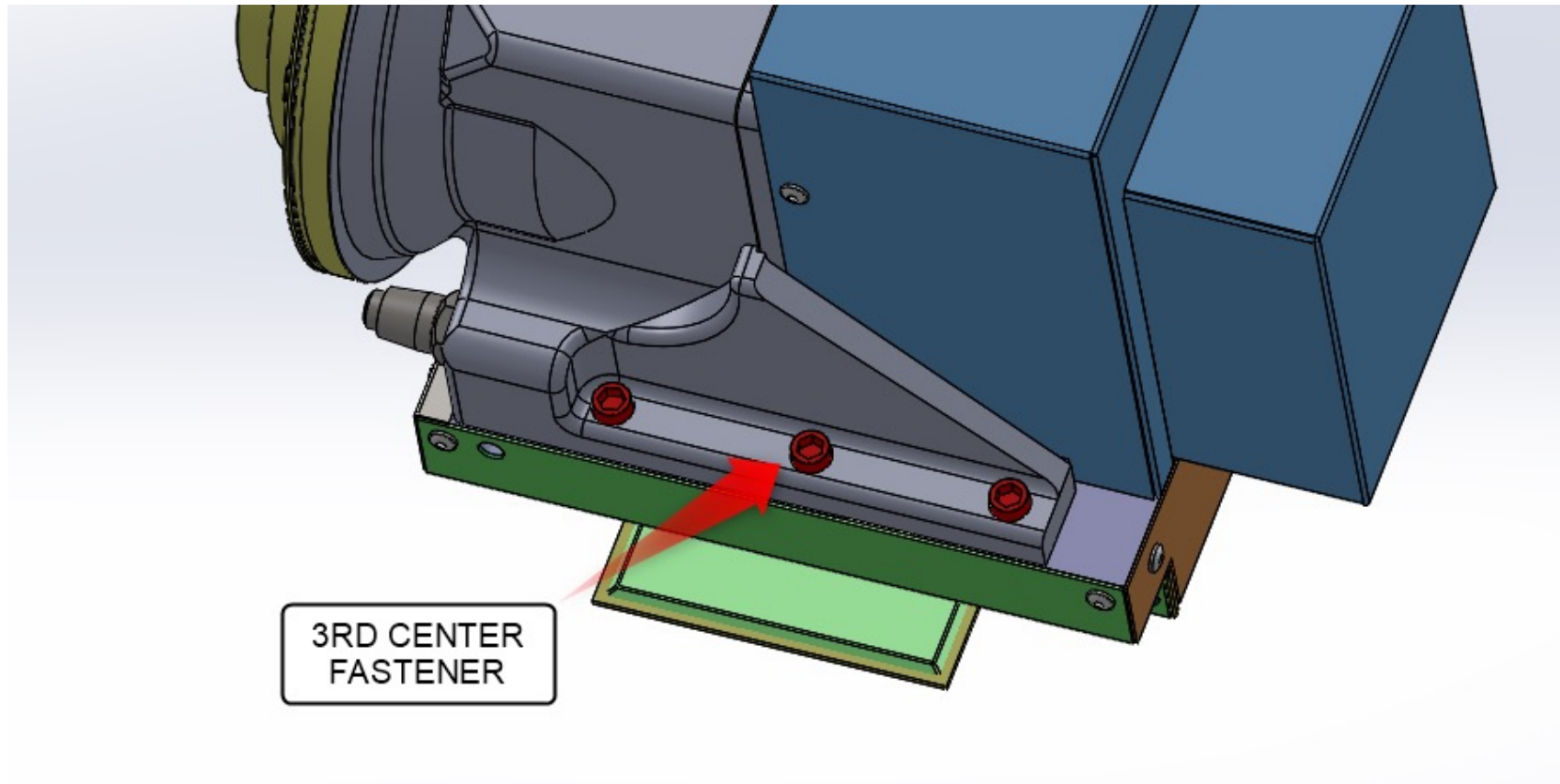


Final Design (6X Studs + Nuts)
May 2025

In production for ST-20s, ST-30s, ST-40s



BMT 45 – 3RD FRONT FASTENER



Multi-Stage Coolant Pump



- Series of stacked impellers to provide more flow and higher pressure than the single-stage coolant pump
- Much quieter operation than single impeller or gear driven
- Built in filter on pick up tube
- 1.5 hp, previous single stage impeller pump was $\frac{3}{4}$ hp
- Standard on:
 - VF, VM, DC, DT/DM-3
 - ST-30 to ST-45Y, DS-30Y
- Expanding to:
 - ST-10 to ST-25, ST-55
- Field Update Kit - 93-1001166

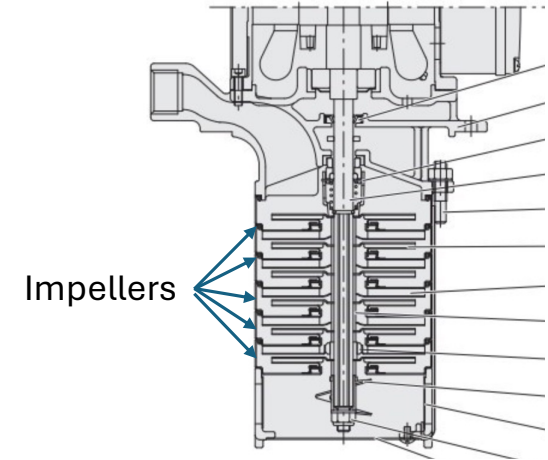
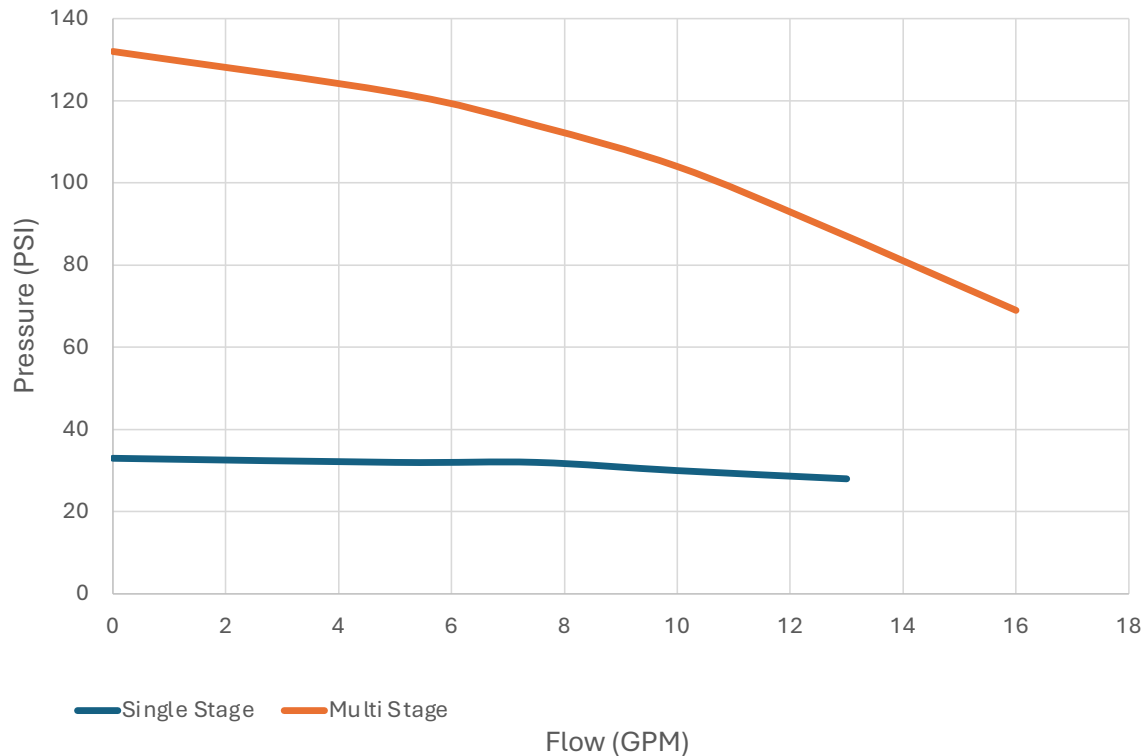


Multi-Stage Coolant Pump



- Field Update Kit - 93-1001166, \$1,495

Multi vs. Single Stage Pump



	SAE	METRIC
Power	1.5 hp	1.1 kW
Flow Rate 60Hz	16 gpm @ 70 psi	61 L/min @ 4.8 bar
Pressure 60Hz (outlet)	70 psi	4.8 bar
Pressure 60Hz (spindle)	40 psi	2.8 bar
Deadhead Pressure 60Hz	130 psi	9 bar
Flow Rate 50Hz	14 gpm @ 50 psi	53 L/min @ 3.4 bar
Pressure 50Hz (outlet)	50 psi	3.4 bar
Pressure 50Hz (spindle)	30 psi	2.1 bar
Deadhead Pressure 50Hz	95 psi	6.6 bar

Chip Washdown

- (3) Coolant manifolds
 - Right side
 - Left side
 - Rear Y-axis waycover
- Requires multistage coolant pump
- Standard on:
 - Small VF
 - DT-3, DM-3
- Expanding to:
 - Medium VF Aug 2025
 - Large VF Q4 2025

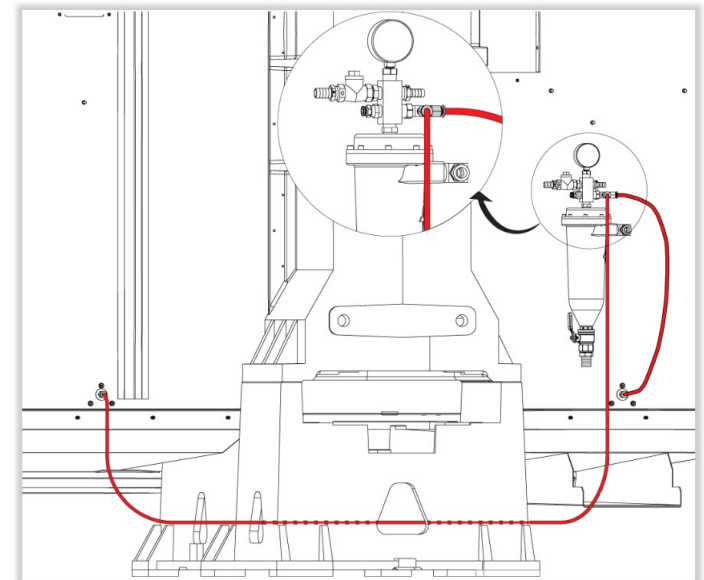
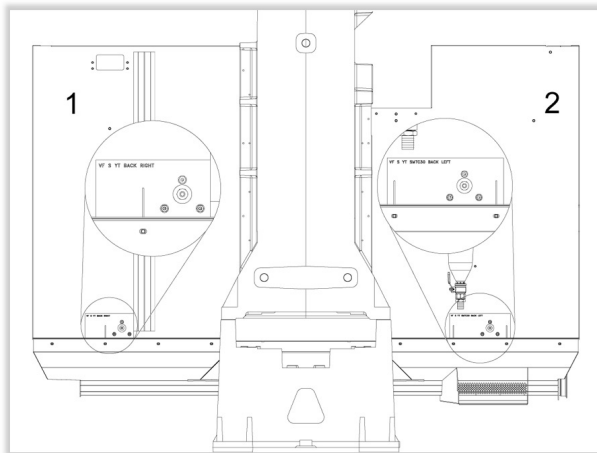


Chip Washdown



- Field installation kits, \$795
 - **93-1001191** WASHDOWN FIELD KIT VF S NYT SMTC30 (VF-1/2, VM-2 - 30 Pocket SMTC)
 - **93-1001190** WASHDOWN FIELD KIT VF S YT SMTC30 (VF-1/2 YT - 30 Pocket SMTC)
 - **93-1001188** WASHDOWN FIELD KIT VF S YT SMTC50 (VF-1/2 YT, VM-2 - 50 Pocket SMTC)
 - **93-1001189** WASHDOWN FIELD KIT VF S YT SMTC70 (VF-1/2 YT - 70 Pocket SMTC)
- Installation instructions available

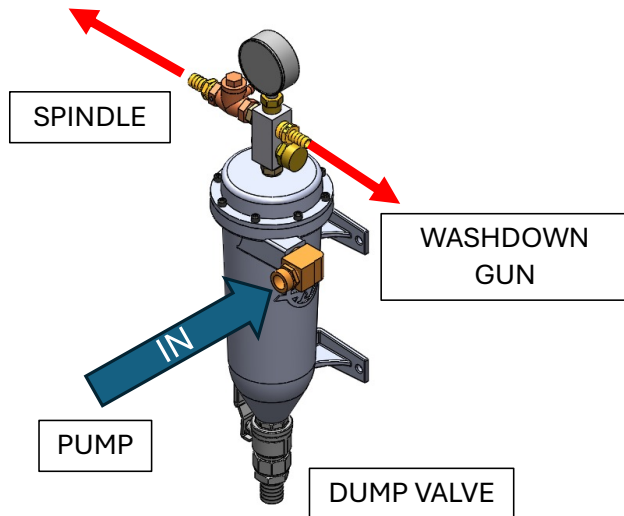
Chip Washdown System - Templates



Chip Separator

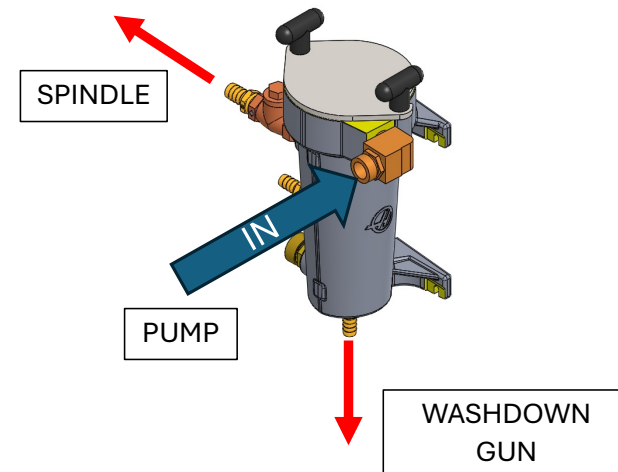
NEW Chip Separator:

- Finer mesh screen (.020" vs .045")
- Coolant runs out of filter tube (allows chips to be dumped out without disassembling)
- Gauge readout to monitor pressure
- Compatible with current and older machine
- Able to withstand higher pressure from HPFC/multi-stage coolant pump
- Shipping on all machines since Q1-2025



OLD Chip Separator:

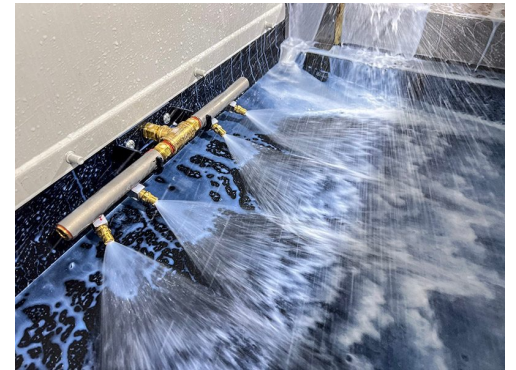
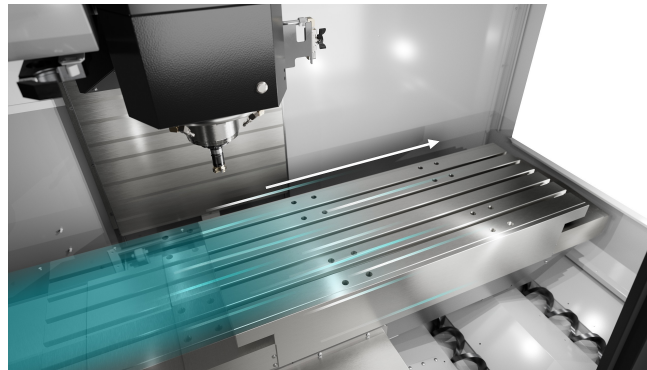
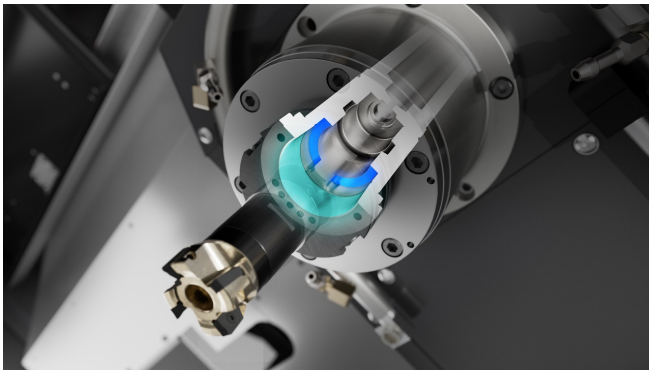
- Course mesh screen (.020" vs .045")
- Coolant runs inside of filter tube
- Cover has to be removed to dump out chips
- Different cap required for HPFC due to higher pressure



More Super Super Speeds



- Updated control w/ 19” monitor and carbon fiber bezel
- Stainless steel way covers
- Multi-stage coolant pump w/ more flow and pressure
- Chip separator
- Chip wash down
- Increased rapids to 1,600 ipm
- Available 18k spindle



VF-SS 'Flash' Sale

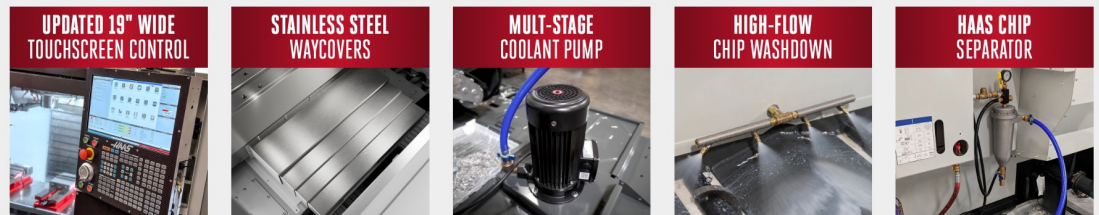
- Focus on VF updates that are now standard on the machine
- Highlighting VF-SS, but applies to all VF, VM, VR
- Including options that have been added over the past few years to highlight continued product expansion



NEW FOR 2025:

SUPER-SPEED MODELS, NOW LOADED WITH **PREMIUM FEATURES – STANDARD**

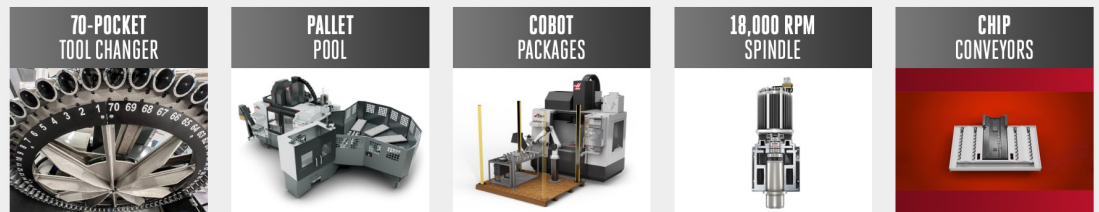
Every Haas Super-Speed (SS) mill now comes standard with a powerful lineup of upgraded features – **at no extra cost**. From enhanced coolant performance to stainless steel way covers and a sleek new control interface, these machines are built to run faster, cleaner, and more efficiently, right out of the box.



* Chip washdown currently only available on VF-2SS and VF-2SSYT. Coming soon to other SS models.

EXPAND YOUR SUPER-SPEED CAPABILITIES WITH **NEW** OPTIONAL UPGRADES

Take your Super-Speed machine even further with powerful new options designed to boost capacity and performance, and simplify automation. Whether you're looking to increase spindle speed, streamline chip management, or integrate lights-out production, these new options give you the flexibility to build the ultimate machine for your shop.





New Machines

WHAT WE BUILD

VERTICAL MILLS



HORIZONTAL MILLS



MOLD MAKING



5-AXIS



SPECIALTY



LATHE



COMPACT



MINI MILLS



DC/MULTI



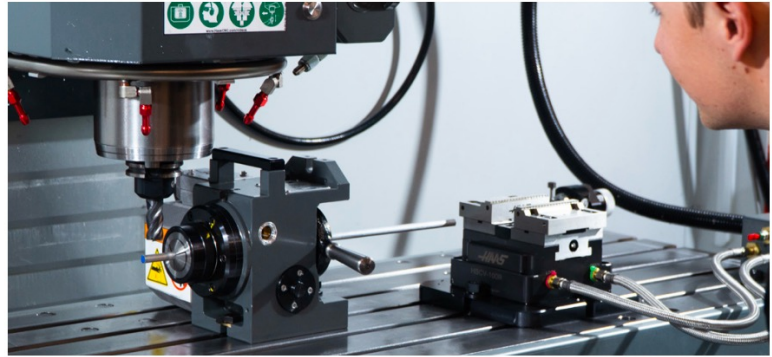
TOOLROOM



EDUCATION



OVER 150 UNIQUE PRODUCTS – FROM ROTARY SOLUTIONS TO CNC MACHINES AND EVERYTHING IN BETWEEN.



THROUGH-HOLE



MULTI-HEAD



TILTING



ROTARY



AUTOMATION



SHOP EQUIPMENT

Verticals

DT-3 and DM-3



- DT-3 and DM-3
- Expanded travels in X-axis, but with DT/DM-2 footprint
- Same spindle and tool changer configurations as DT/DMs
- Auger option allows for choice of side or front discharge
- Sales
 - DT-3 – 5 sold
 - DM-3 – 7 sold



DT-3 and DM-3



- Auger option allows for choice of side or front discharge
- Same price for side or front discharge



Chip Auger, Side Discharge [↗](#)



Chip Auger, Front Discharge [↗](#)

DT-3 and DM-3



The image compares two Haas CNC machines. The top section shows the VF-2 machine, which is 124" wide and has a 30" X-TRAVEL. The bottom section shows the DM-3/DT-3 machine, which is 114" wide and has a 36" X-TRAVEL. A red circular callout indicates the DM-3/DT-3 is 8% shorter in width, and another red circular callout indicates it has 20% more X-TRAVEL. Yellow arrows labeled 'X-TRAVEL' point to the right in the cross-section diagrams.

VF-2
30" X-TRAVEL

124" WIDE

DM-3/DT-3
36" X-TRAVEL

8% SHORTER WIDTH

20% MORE X-TRAVEL

114" WIDE

New Large Frame VF



- VF-7SS
 - 12k, faster rapids, faster SMTC
 - 5 sold
- VF-8SS
 - 12k, faster rapids, faster SMTC
 - 4 sold
- VM-8
 - Same options as VM-6
 - VM-8 sized table
 - 1 sold



GM-1 and GM-1XT



- GM-1
 - 121" x 61" 16" travels
- GM-1XT
 - 142" x 61" 16" travels
- Features
 - Inline drive spindle
 - 8.1k standard, up to 15k optional
 - 30+1 side-mount tool changer
 - All cast iron construction
- 0 sold.....

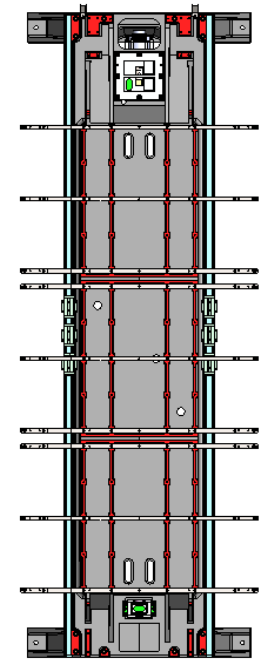
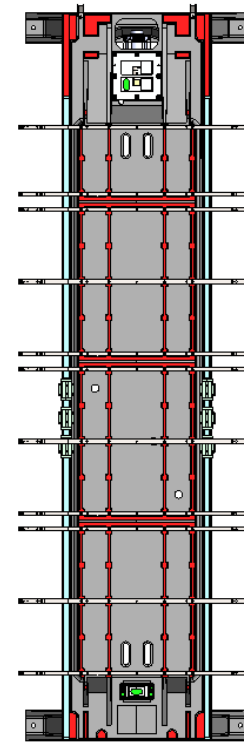
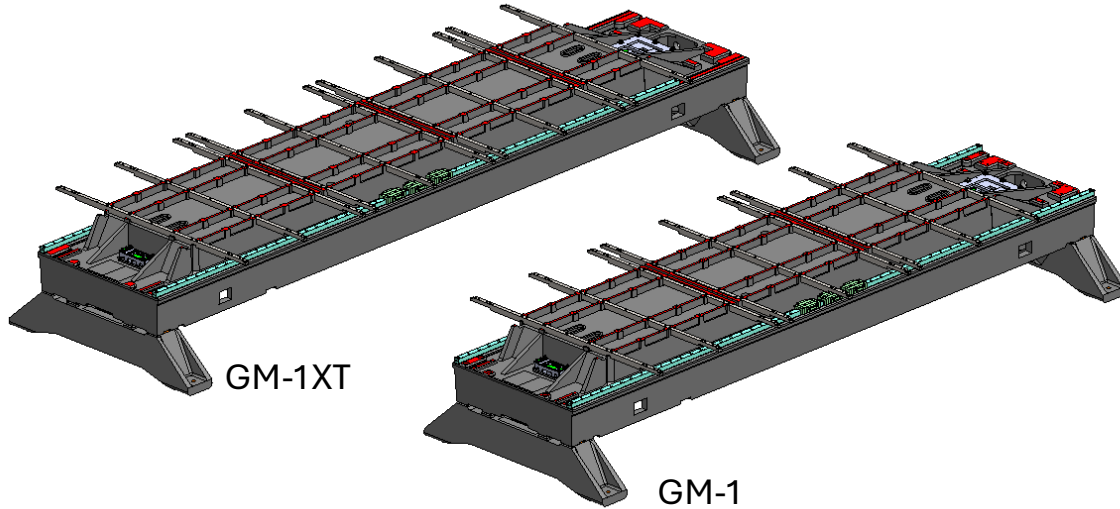


GM-1 and GM-1XT



Spec	GR-510	GM-1	GR-712	GM-1XT
X Travel	121"	121"	145"	142.25"
Y Travel	61"	61"	85"	61"
Z Travel	11"	16"	11"	16"
Tool Changer	10/20 PKT UMB	30 PKT SMTC	10/20 PKT UMB	30 PKT SMTC
Spindle	Belted 8.1/10/15k	Inline 8.1/10/15k	Belted 8.1/10/15k	Inline 8.1/10/15k
Structure	Welded Steel	Cast Iron	Welded Steel	Cast Iron
Augers	No	Yes	No	Yes
Container Shipping	No	Yes	No	Yes
Ballscrew Grade	Travel	Precision	Travel	Precision

GM-1 and GM-1XT



GM-1 Cutting VF-2 Table



HDC-3-5AX



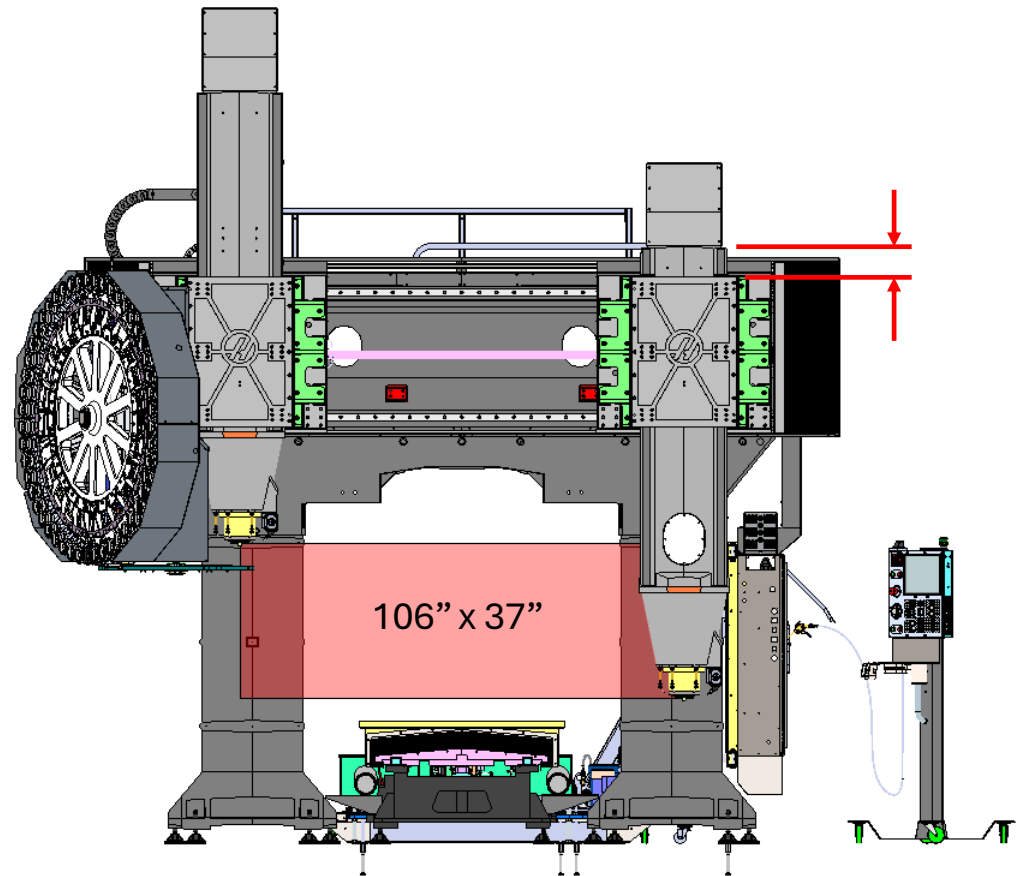
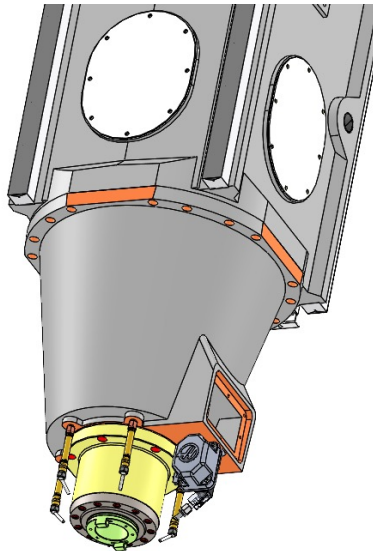
- Double-column, 5-axis machine
- 4 installed at Haas factory
- 7 sold in USA
 - 4 delivered



HDC-3 (3-axis, 50T)



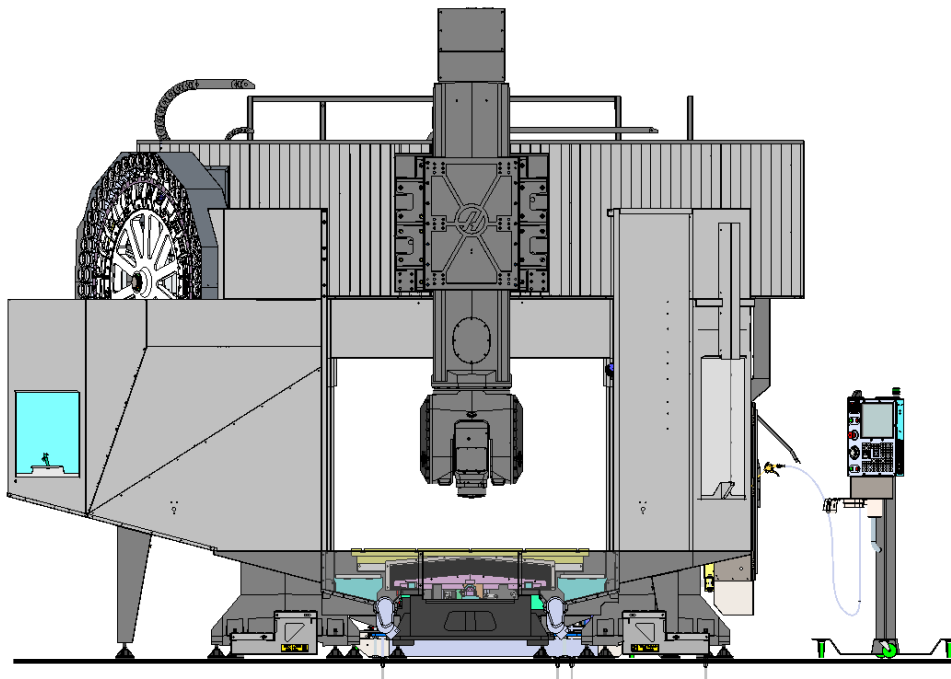
- Haas Inline 50 Taper
- 37" Z travel (43" Z travel HDC-3-5AX)
- July 1 release US/CA/MX
- Q4-2025 delivery



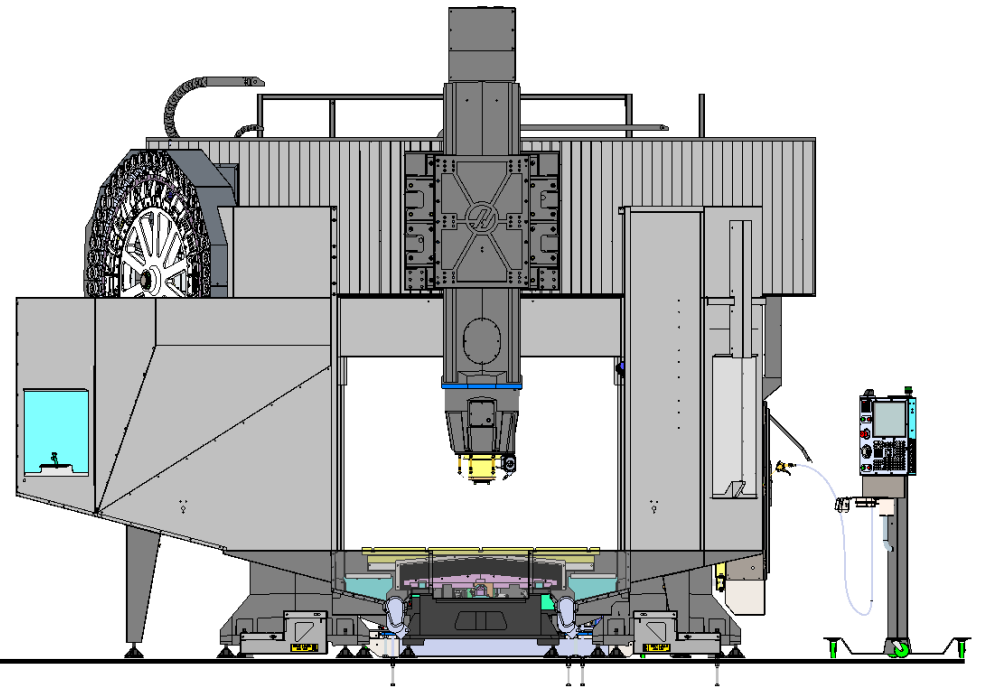
HDC-3 (3-axis, 50T)



- 50T, 3-axis version

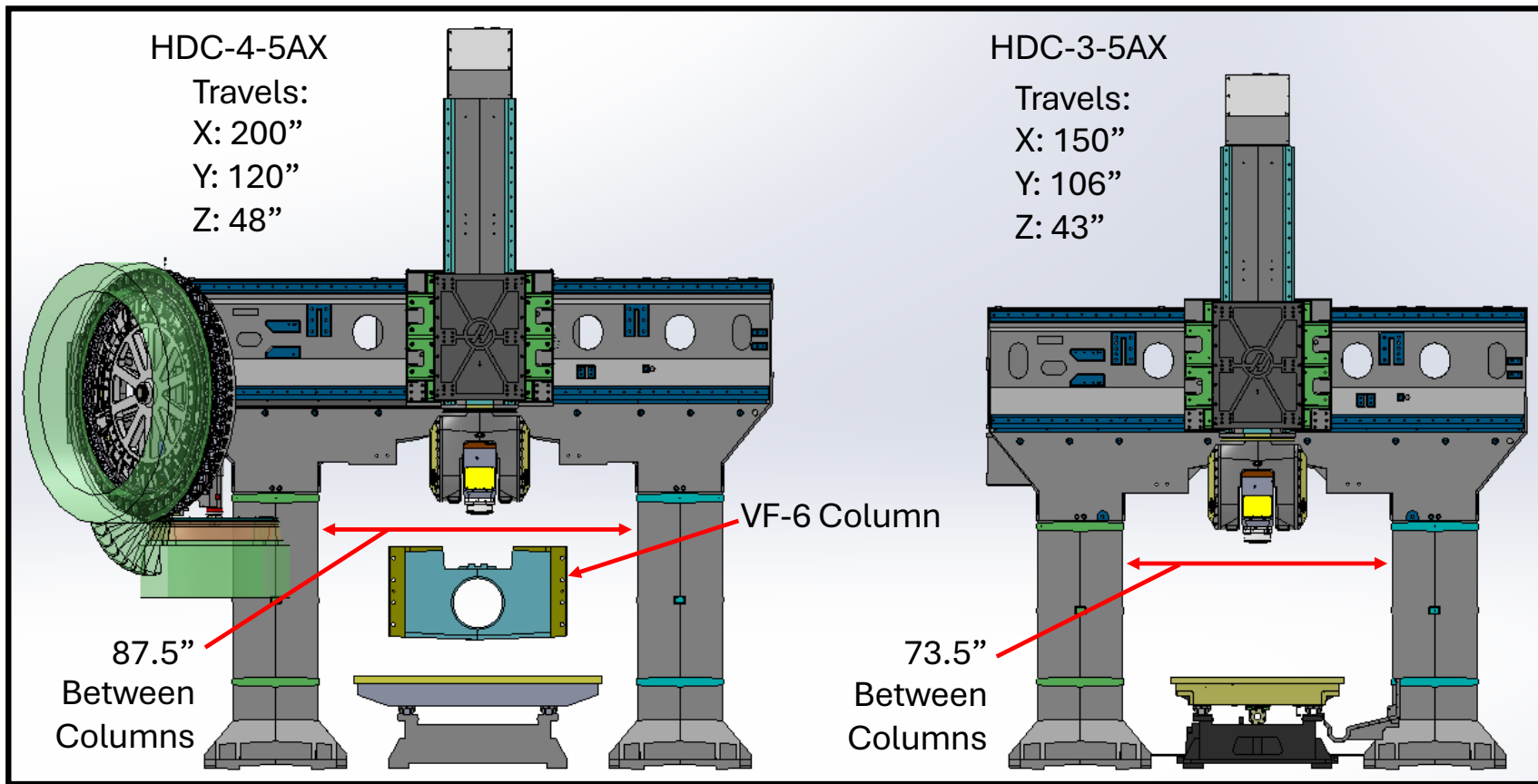


HDC-3-5AX



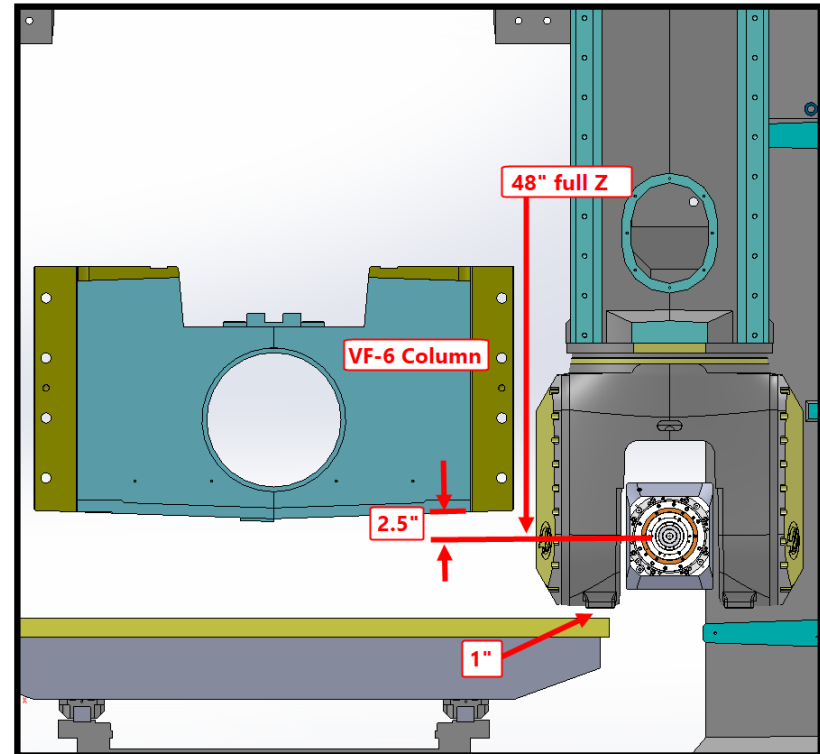
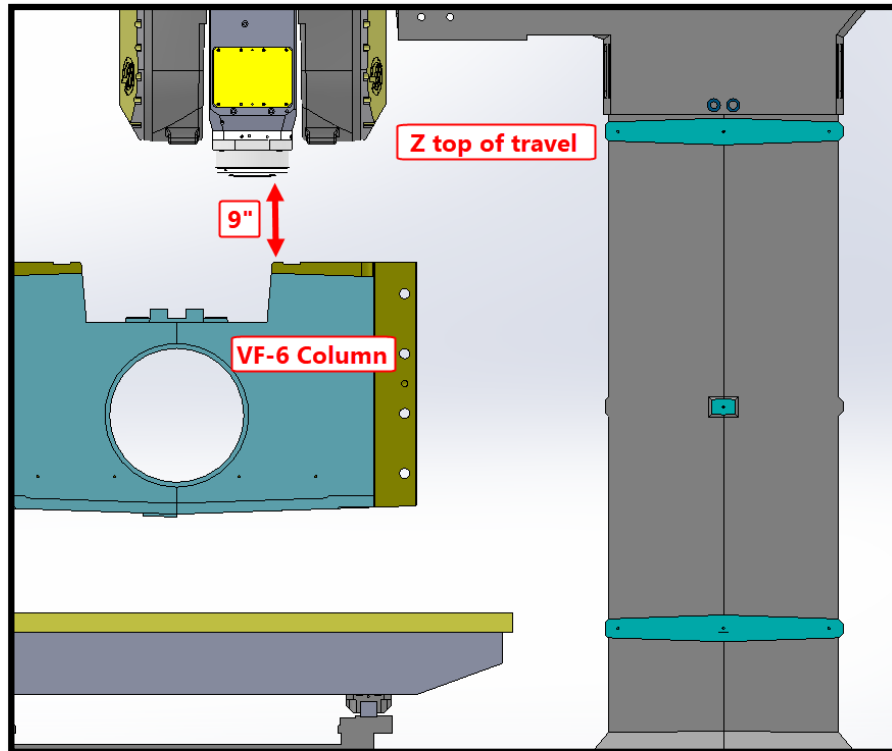
HDC-3

HDC-4-5AX



For reference: Toshiba MPC X: 275.6", Y: 133.9", Z: 39.4", W: 39.4"

HDC-4-5AX



48" of Z travel can process a VF-6 Column with full face run-out at its feet

HDC-4-5AX

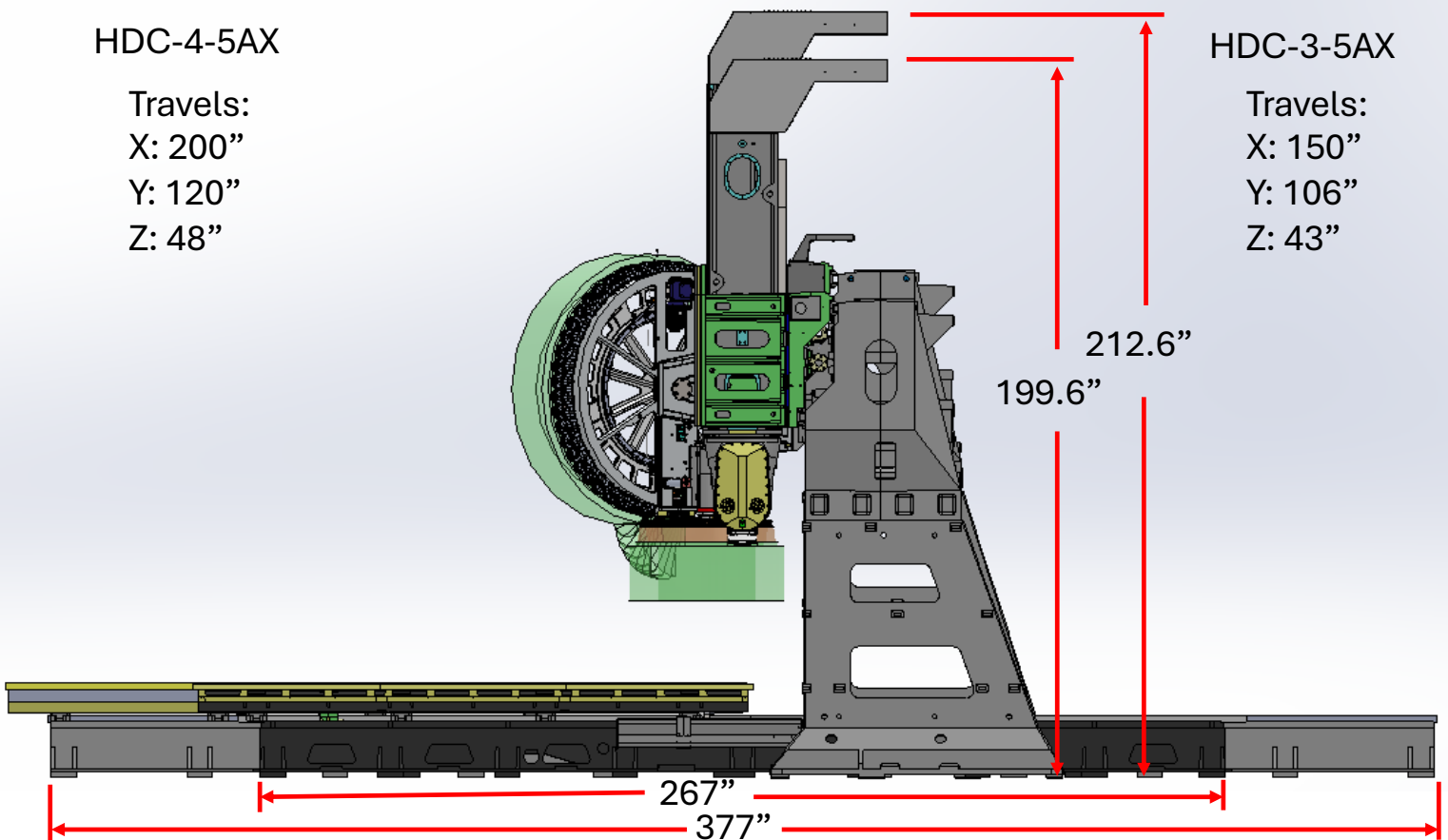


HDC-4-5AX

Travels:
X: 200"
Y: 120"
Z: 48"

HDC-3-5AX

Travels:
X: 150"
Y: 106"
Z: 43"



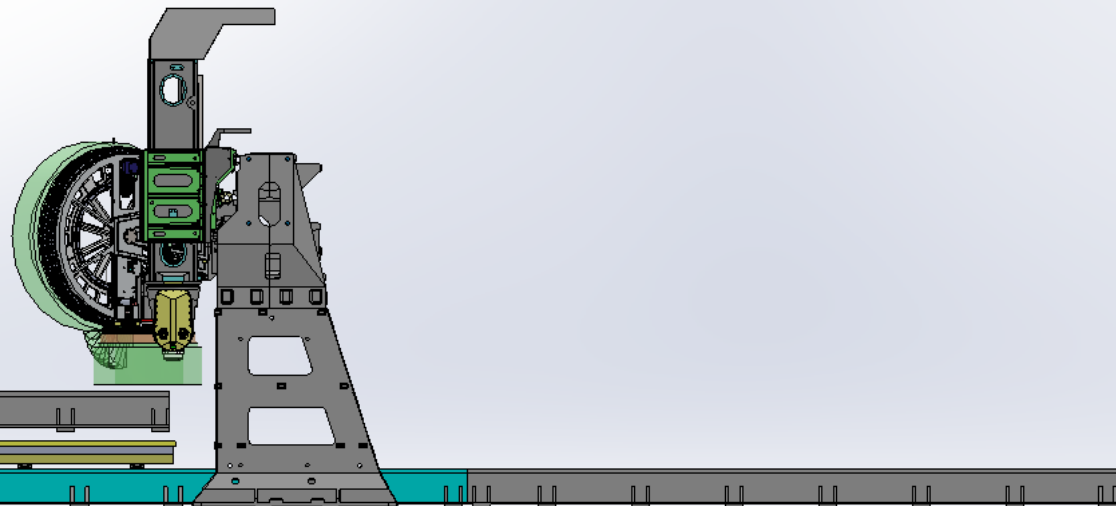
HDC.....holy cow



HDC Machine for making HDC-4 Saddles

380" (9652 mm) X travel

HDC-4-5AX Saddle
(377" long)



737", 3-piece saddle to be machined on Toshiba MPC

Pocket Mill



- Small footprint, 40T entry level mill
- Based on Mini Mill
- 12" x 12" x 15" travels
- 4k spindle
- Optional 10 pocket tool changer and coolant system
- Release for sale July 1
- \$29,995
- 1 sold

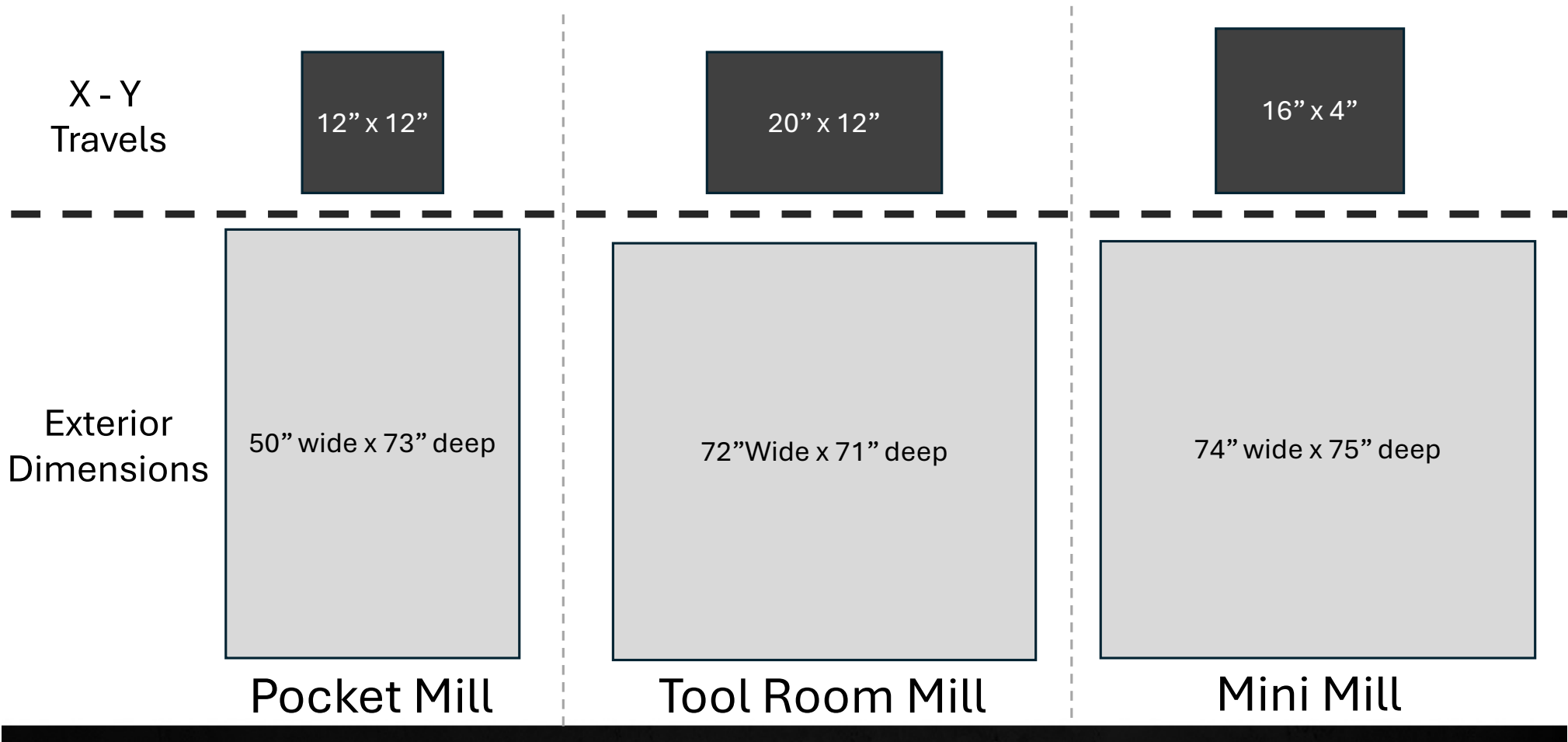


Pocket Mill – Spec/Price Compare



	Pocket Mill	PM w/ Opts	TM-0	TM-0P	Mini Mill
Price	\$ 29,995.00	\$ 40,280.00	\$ 37,995.00	\$ 41,995.00	\$ 44,995.00
X-Axis	12"		20"	20"	16"
Y-Axis	12"		12"	12"	14"
Z-Axis	15"		16"	16"	15"
Dimensions					
Width	50"		72"	72"	74"
Depth	73"		71"	71"	75"
Spindle					
Max Rating	7.5 hp		7.5 hp	7.5 hp	10 hp
Max Speed	4000 rpm		4000 rpm	6000 rpm	8000 rpm
Optional Spindle	6000 rpm (opt)	\$ 4,295.00	\$ 4,295.00	STD	
Optional Spindle	8000 rpm (opt)	\$ 5,495.00			STD
Axis Speeds					
Rapids on X/Y/Z	200 in/min		200 in/min	400 in/min	800 in/min
Max Cutting	200 in/min		200 in/min	400 in/min	650 in/min
Tool Changer	10-umb (opt)	\$ 3,995.00	None	10-umb	10 / 20 (opt)
Coolant System	20 gal, 1/4 hp (opt)	\$ 1,995.00	20 gal, 1/4 hp	20 gal, 1/4 hp	45 gal/ 1 hp

Travel and Size Compare



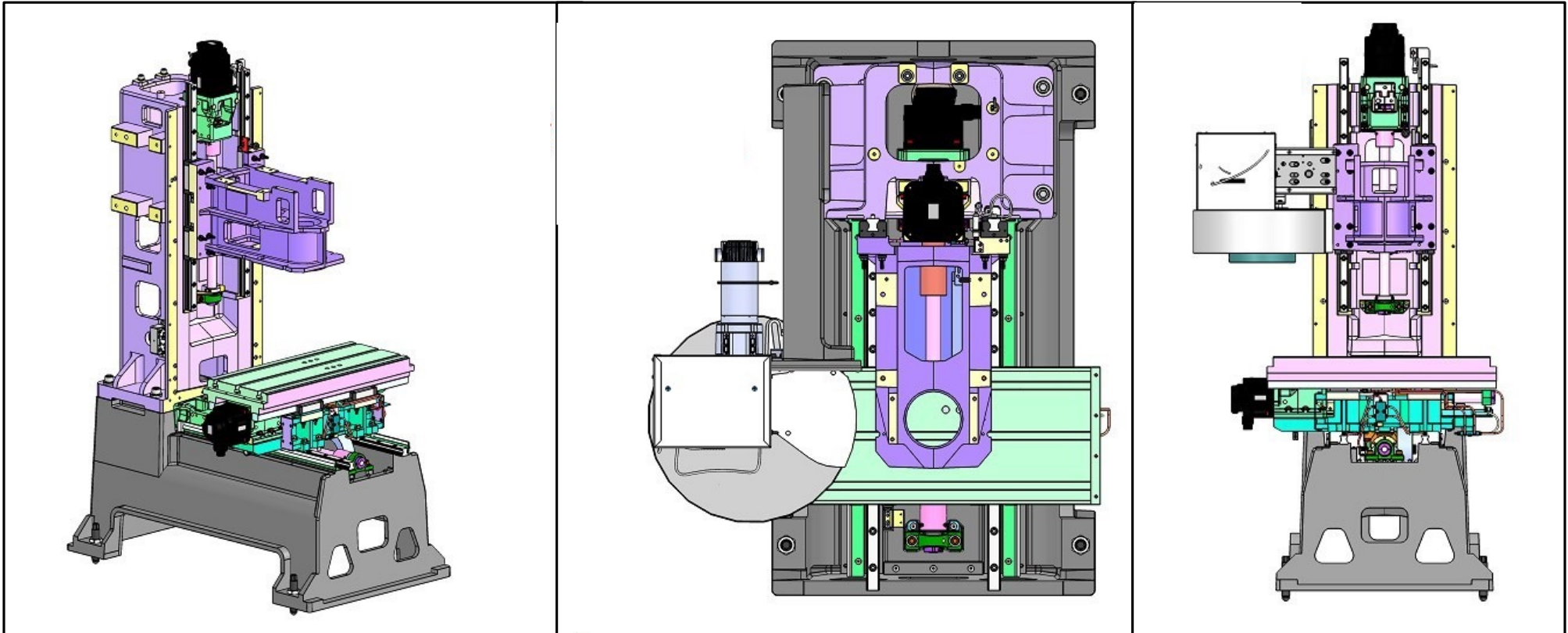
Pocket Mill



- **Design goals:**
- Travel: 12" x 12" x 15"
- Pocket MM: no tool changer, no coolant option; starting price: \$29,995
- Options: 10-pocket carousel T/C & 20-gallon coolant tank options
- Small compact enclosure, swing-out door design
- New small table size: 28" x 11.2"
- Spindle: 40-taper
- Spindle speed: 4000 rpm, (optional: 6000 and 8000 rpm)
- Power: 10 hp
- WIPS option available
- 15" pendant control
- X, Y, Z max. rapid speed: 200 ipm (400 ipm optional)
- Max. cutting speed: 200 ipm
- Use same MM/SMM Y-axis SS way covers and Z-axis bellow
- Use same MM/SMM base, column, saddle casting assemblies

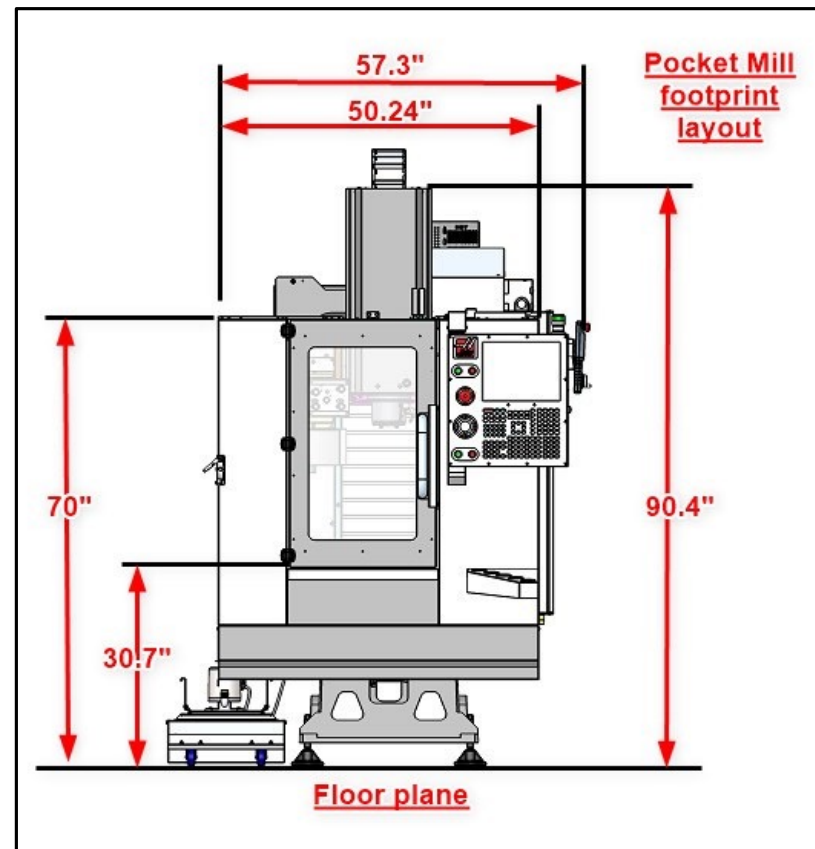
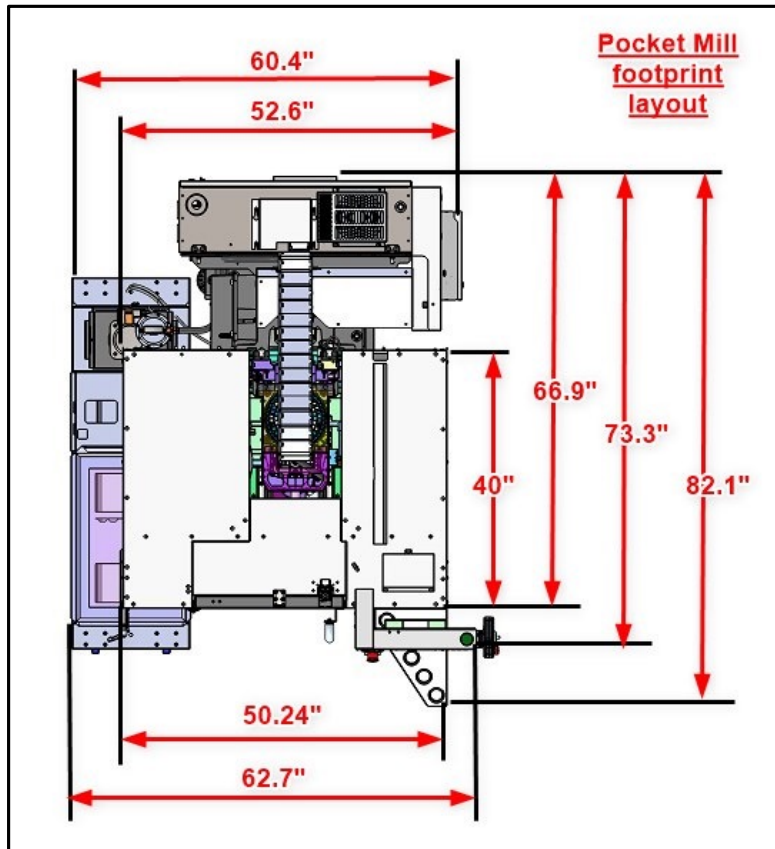


Pocket Mill



Sharing MM/SMM base, column, saddle and spindle head casting assemblies.
New cast table unique to Pocket Mill

Pocket Mill



Mill Spindle C-Axis Drive



Mill Spindle C-Axis Drive

Starting Price: US\$14,995



- Mill, drill, and tap on multiple sides of a part
- Mounts to the mill spindle
- Accurate positioning to nearly any angle

Our Mill Spindle C-Axis Drive allows you to accurately position right-angle milling heads to nearly any angle for milling, drilling, and tapping on multiple sides of a part, and at any angle.

NOTE: Requires a Haas mill with 4th-axis drive and NGC software version 100.21.000.1130. Machines with a single-axis rotary installed will require both 4th- and 5th-axis drives. Not compatible with 2-axis rotaries.

Benefits:

- Machine multiple faces with one angle head
- Achieves intermediate angles reliably; e.g., 30°, 45°, 60°
- Reduces set-up time
- Don't need to hand-load off-angle heads
- Ensures that angle heads can go into the tool changer

SPECIFICATION

Max Speed
Max Torque
Positioning Increment
Gear Ratio
Drive Type

S.A.E

100 °/sec
145 ft-lbf
0.001°
83:1
Worm Gear

METRIC

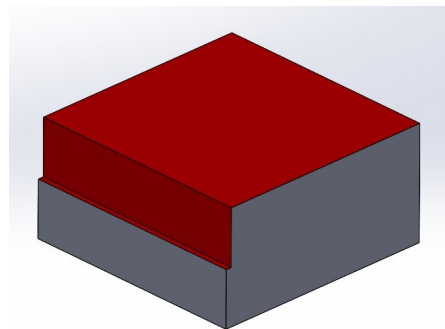
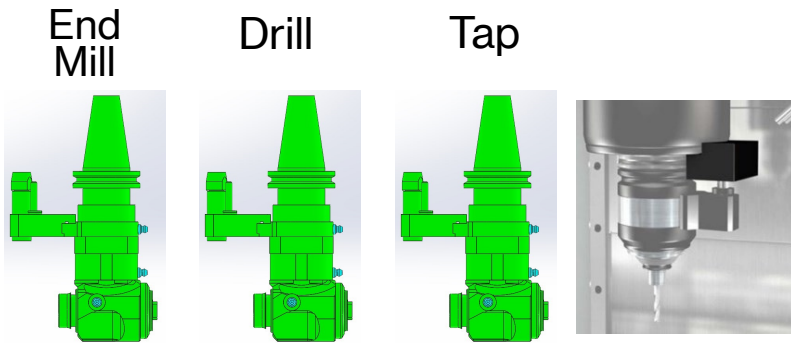
100 °/sec
197 Nm
.001°
83:1
Worm Gear

Benefits of C-axis Drive



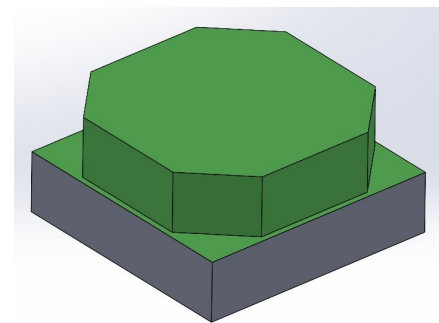
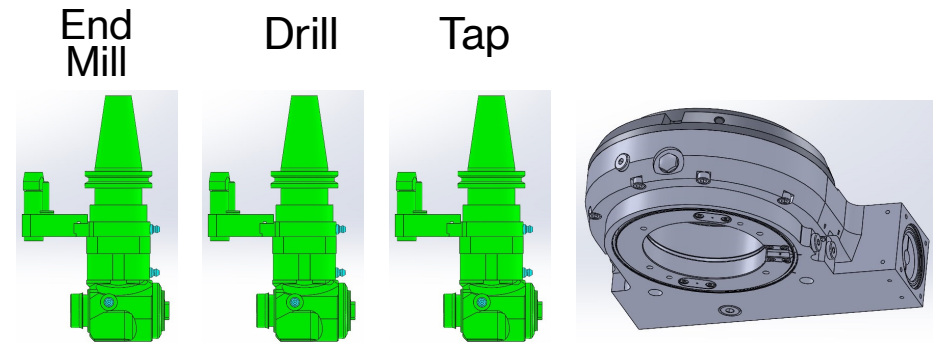
- Fixed stopping block limits the number of faces the tool can access.
- Tool must point in a specific direction to fit in the tool changer.
- Programmable C-axis drive allows 360-degrees of orientation to access all sides of the part, including synchronous motion.

Typical Fixed Stopping Block Configuration



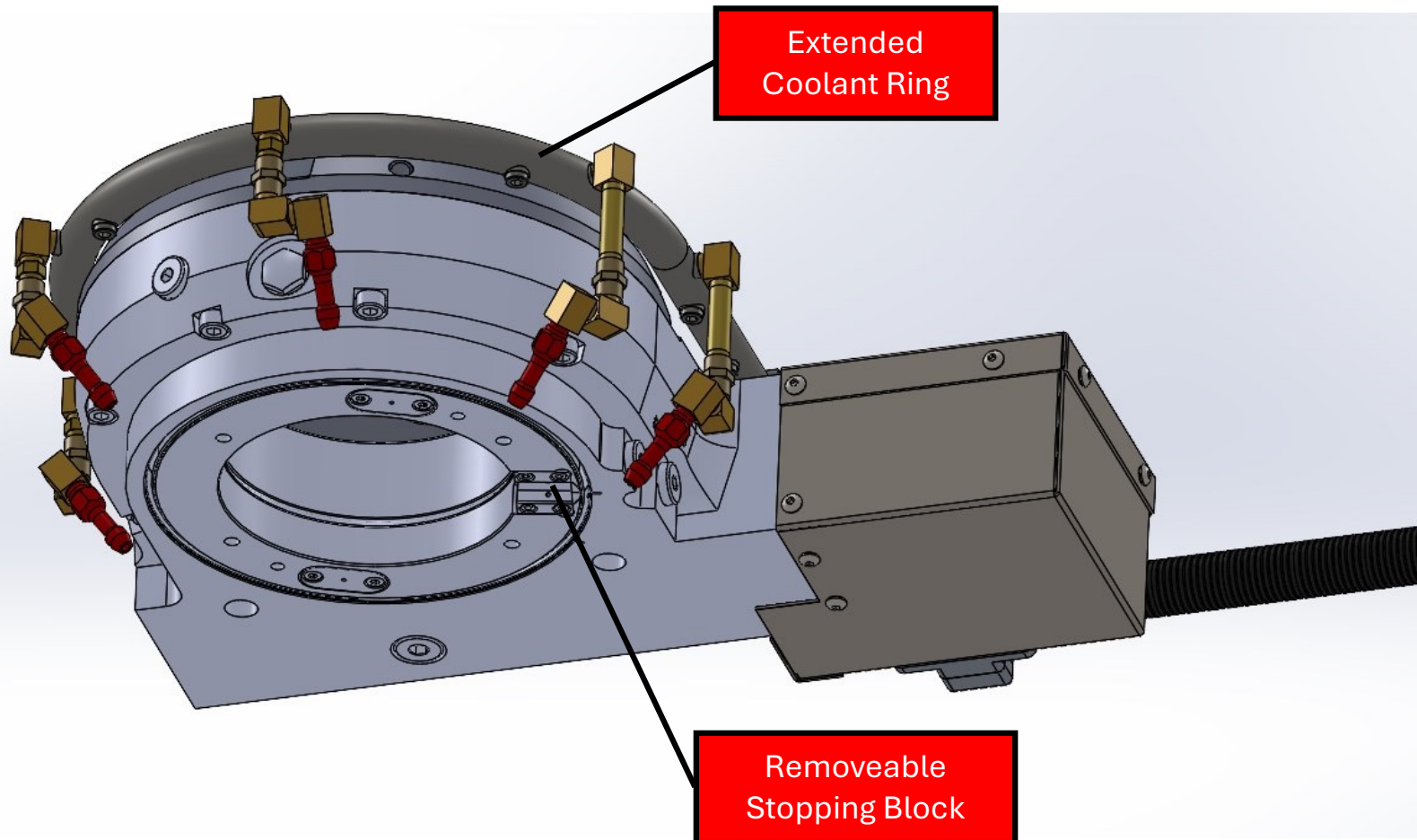
Only 2-Sides
Accessible

C-Axis Configuration



All Sides
Accessible

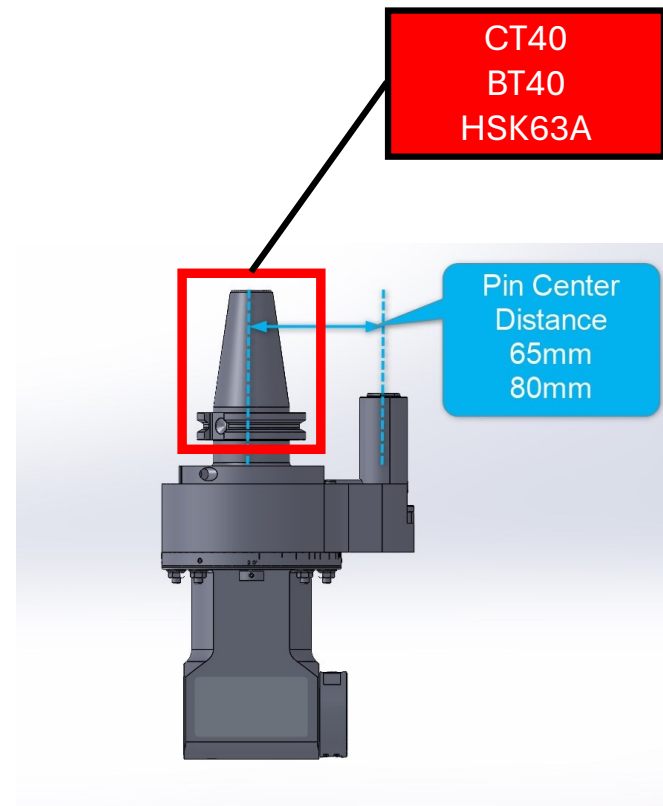
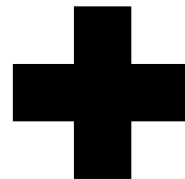
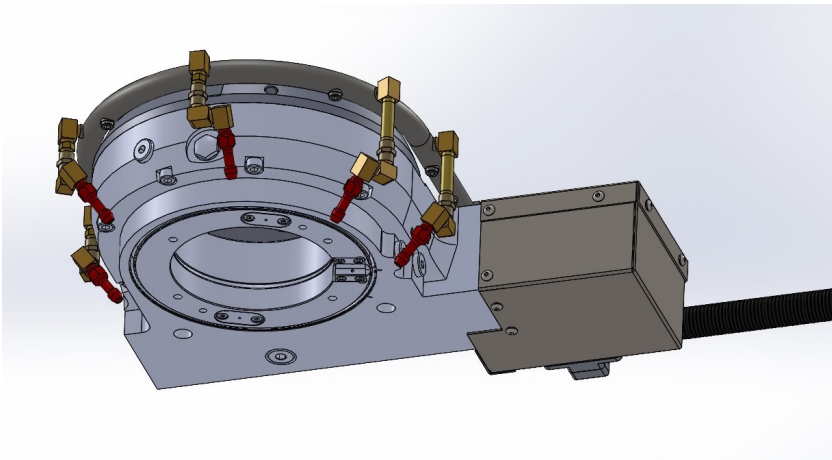
Key Components



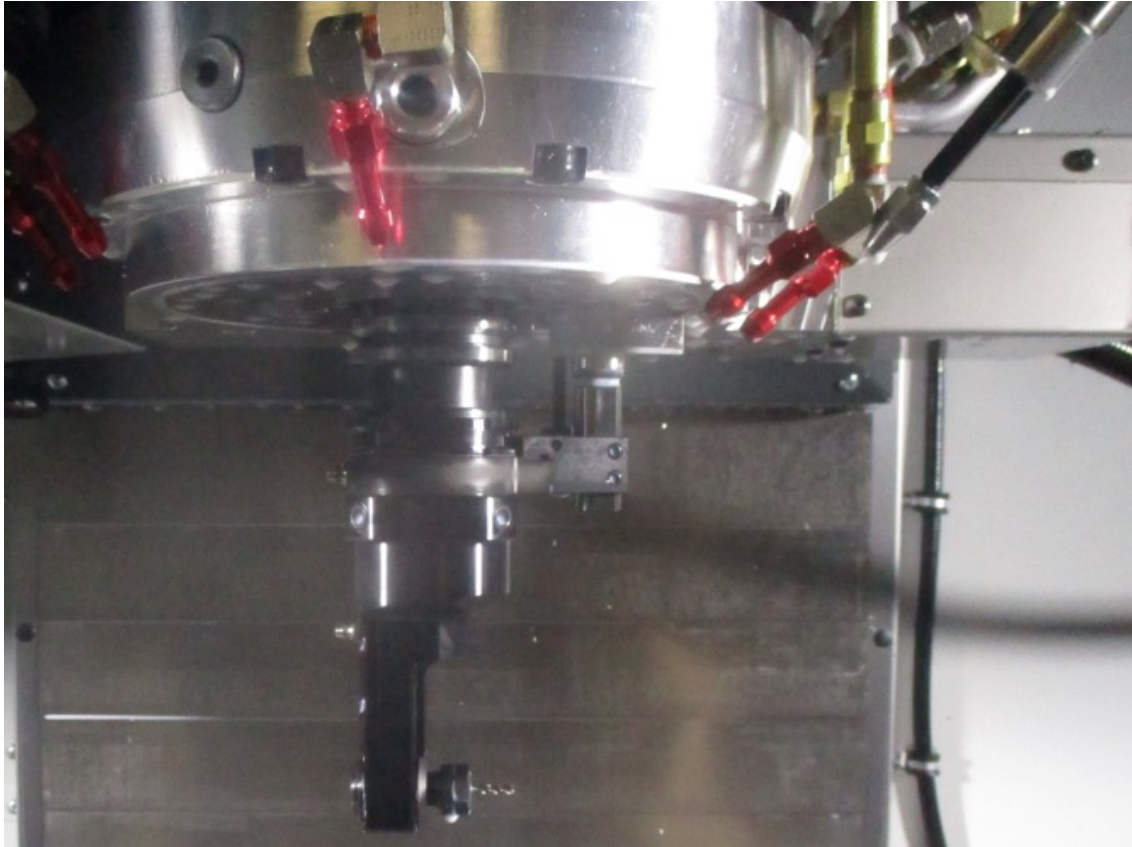
Tooling Compatibility



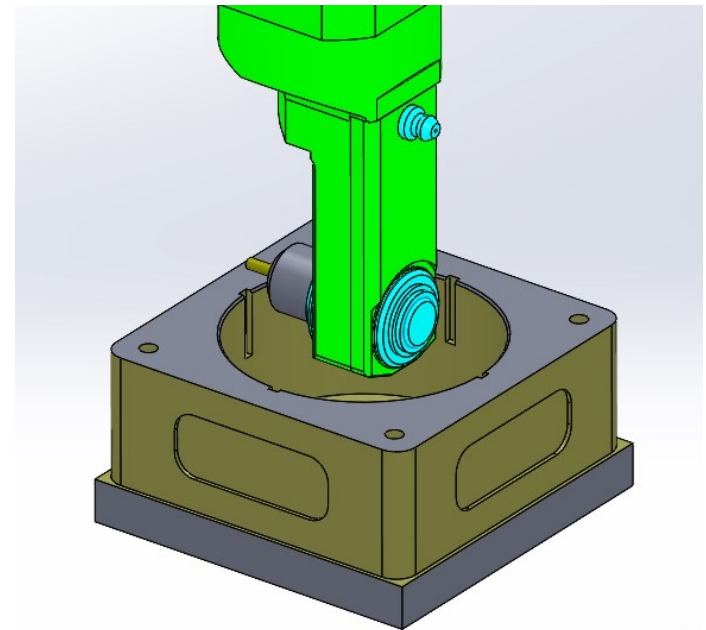
- Can be configured for tools with either 65mm or 80mm pin center distance



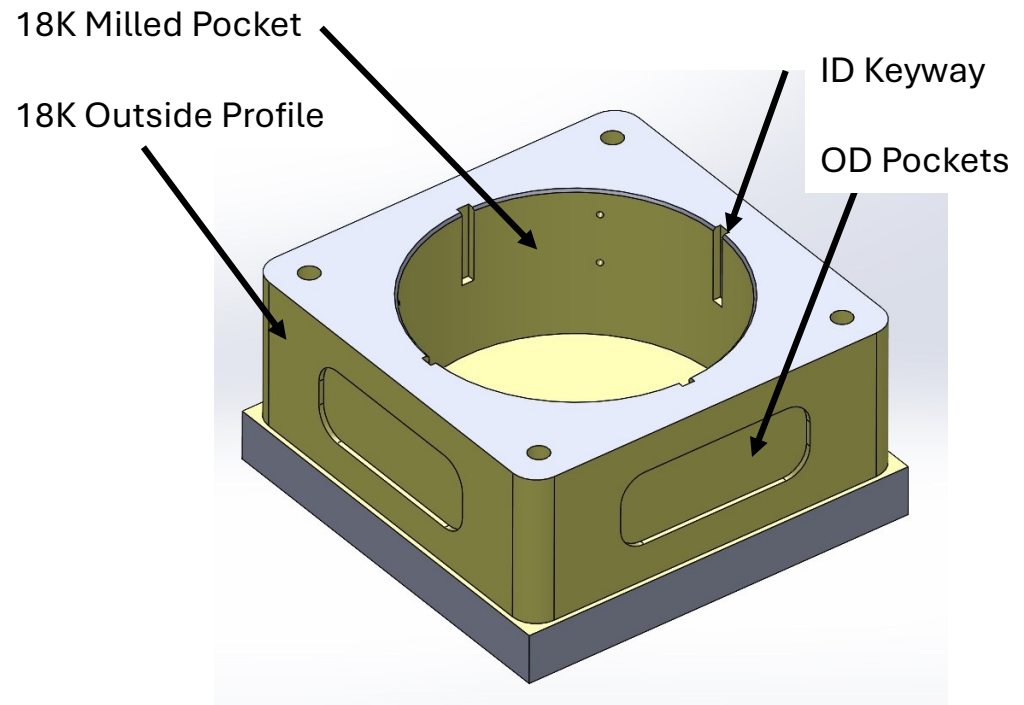
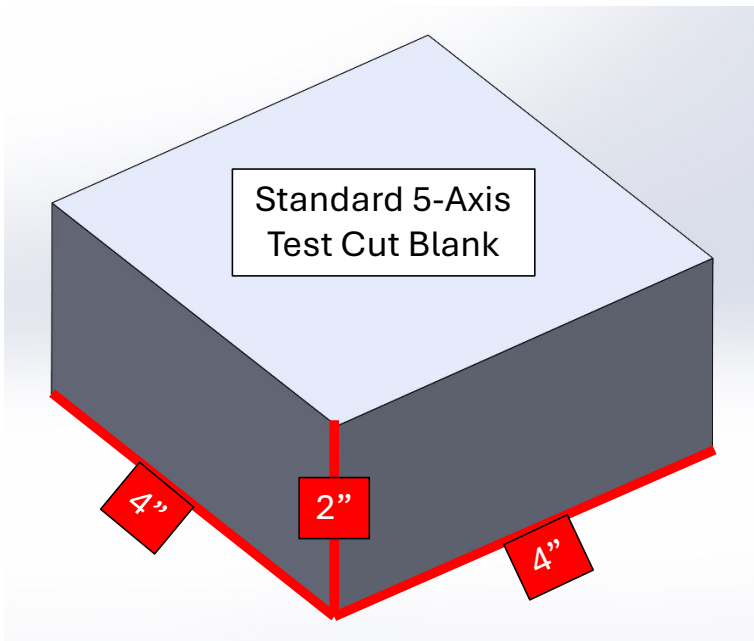
Low Profile Tooling



ID Mill Features



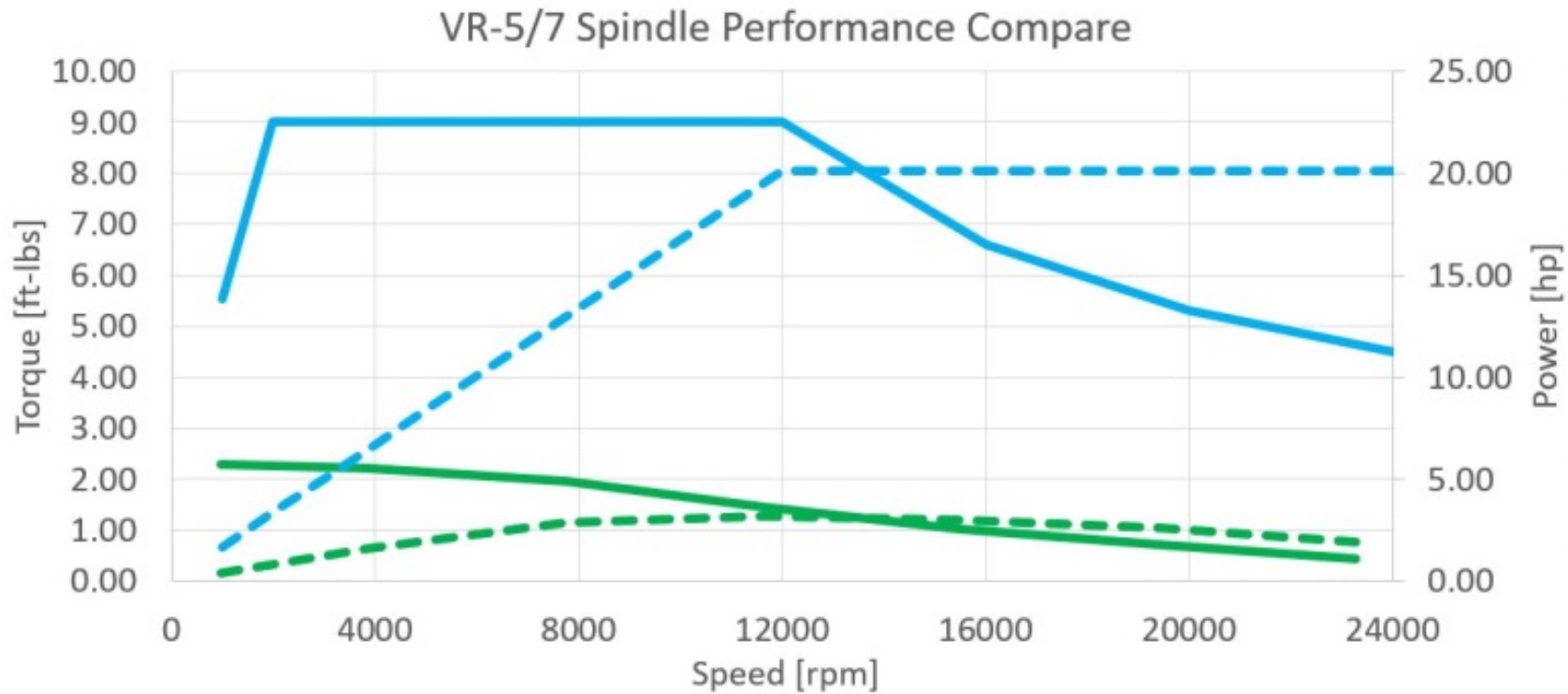
EMO Demo to Highlight C-Axis



VR-5 Updates



- Working towards a better performing spindle for VR-5



TSC Parts Washer Tool



- Simple tool with nozzle outputs: 4x 1 mm orifice at 400 PSI
- VPS Template to program wash cycle like chip fan
- Tool will come standard with TSC options
- Tool with kits available on Haas Tooling in July



UMCs

UMC-400



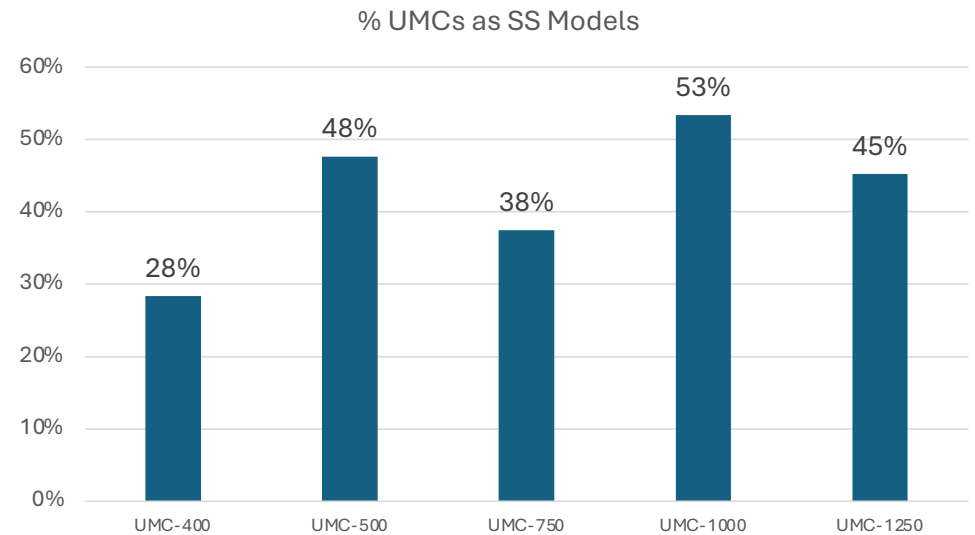
- UMC-400 & UMC-400SS
 - 5-axis entry-level UMC with a small footprint
 - Released for sale Sept 2024
 - Regular production
 - Sales:
 - UMC-400 – 49
 - UMC-400SS - 22



UMC Sales Data



Model	# Sold	Avg \$	% SS
UMC-400	43	\$ 87,707.77	
UMC-400SS	17	\$ 102,037.46	28%
UMC-500	112	\$ 121,789.85	
UMC-500SS	102	\$ 151,672.98	48%
UMC-750	85	\$ 141,602.78	
UMC-750SS	51	\$ 176,037.66	38%
UMC-1000	28	\$ 172,296.55	
UMC-1000SS	32	\$ 211,582.26	53%
UMC-1250	23	\$ 218,857.34	
UMC-1250SS	19	\$ 278,035.13	45%



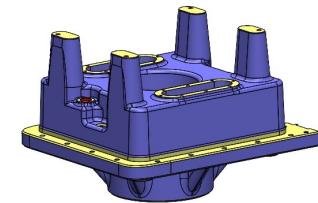
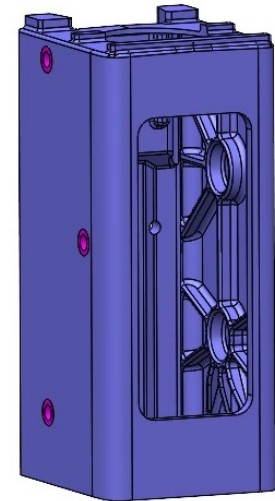
UMC Spindle Head



- Exposed cast iron spindle head
- No sheet metal
- Access cover to internal components
- Spindle removed out the bottom

- Released on:
 - UMC-1250/50

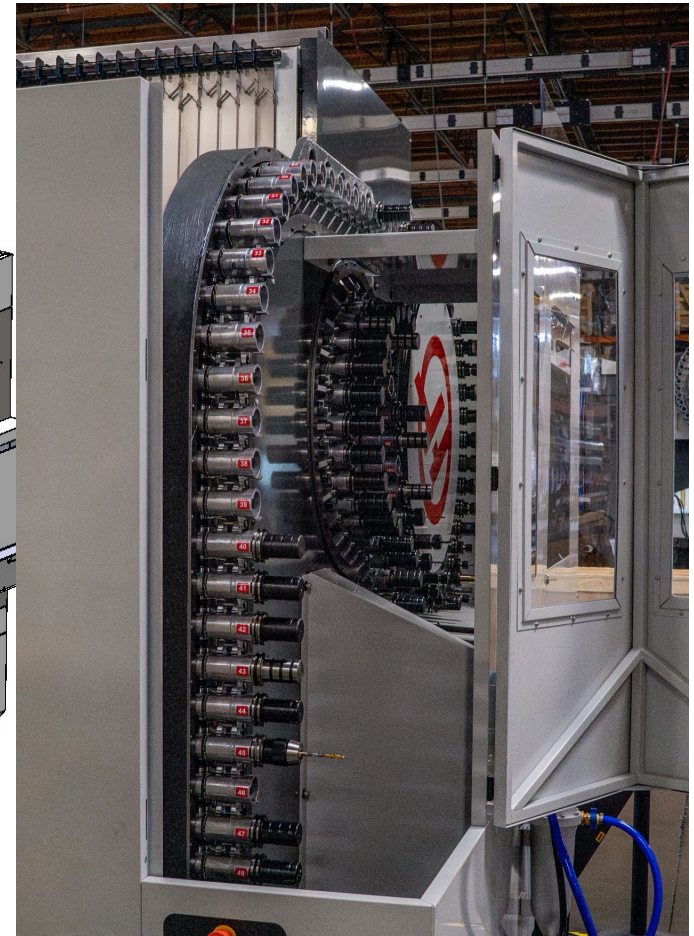
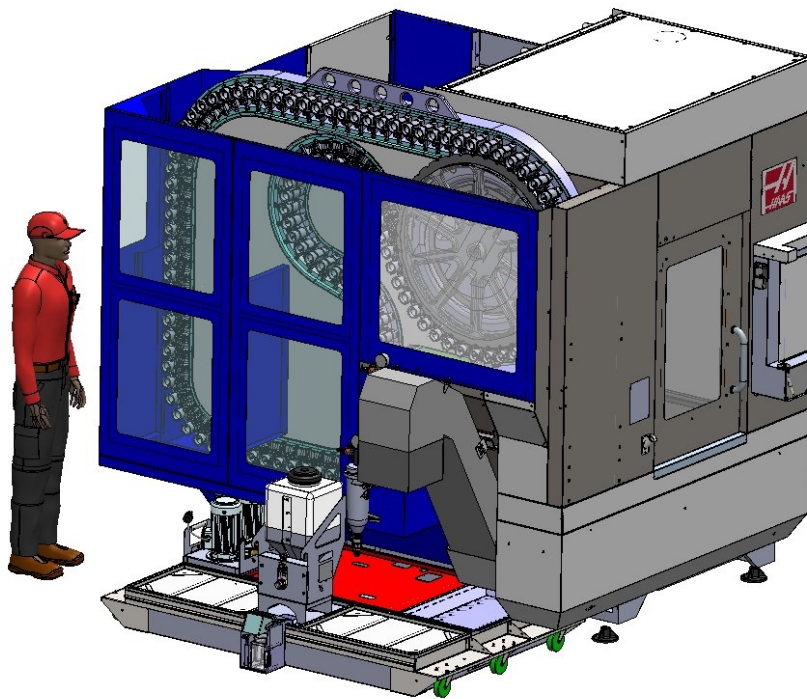
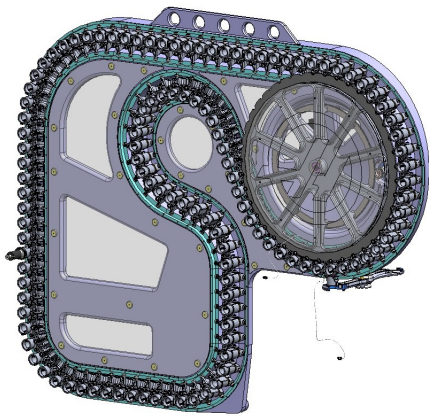
- Will be expanded to:
 - UMC-400
 - UMC-500
 - UMC-750/1000
 - UMC-1250/1500



120 Pocket SMTC for UMCs



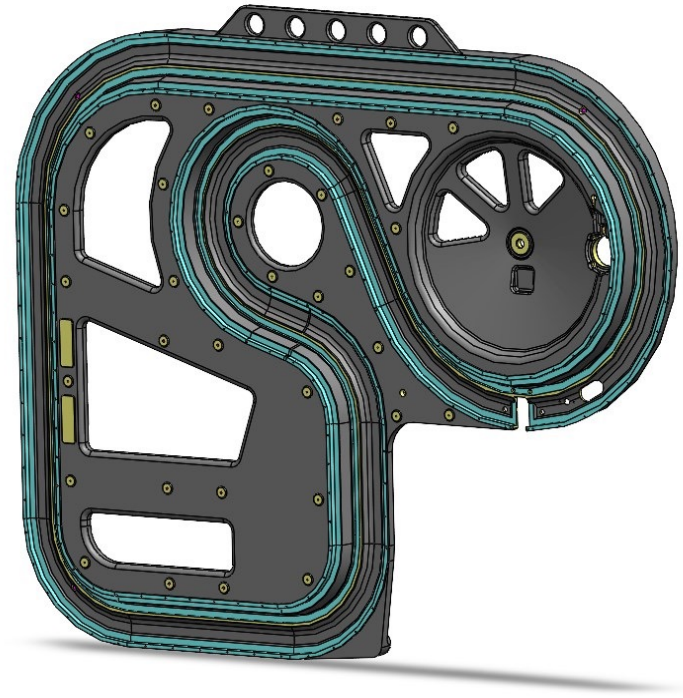
- July 1, release for sale
- Q3-2025 deliveries
- ~\$70k



120 Pocket SMTC



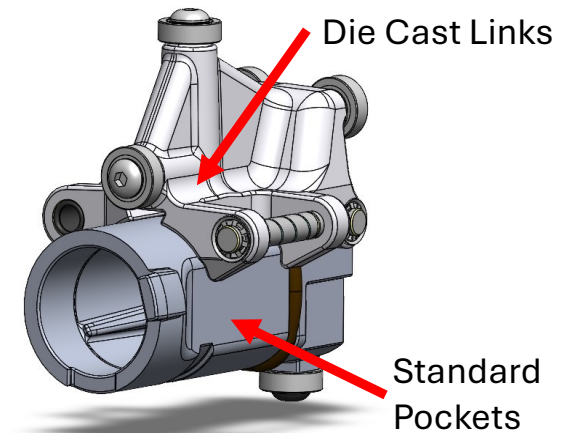
- 120+1 tools – BT, CT, HSK63A
- 4.5 sec tool-to-tool
- 16 sec pocket 1 to pocket 60
- 2.5" tool dia adjacent pockets full
- 5" max tool dia “large tool”
- 12" max tool length
- 12 lb max tool weight
- Servo drive, bi-directional
- 2000 lb unloaded
- 3440 lb max loaded
- Broken Tool Detection compatible



120 Pocket SMTC

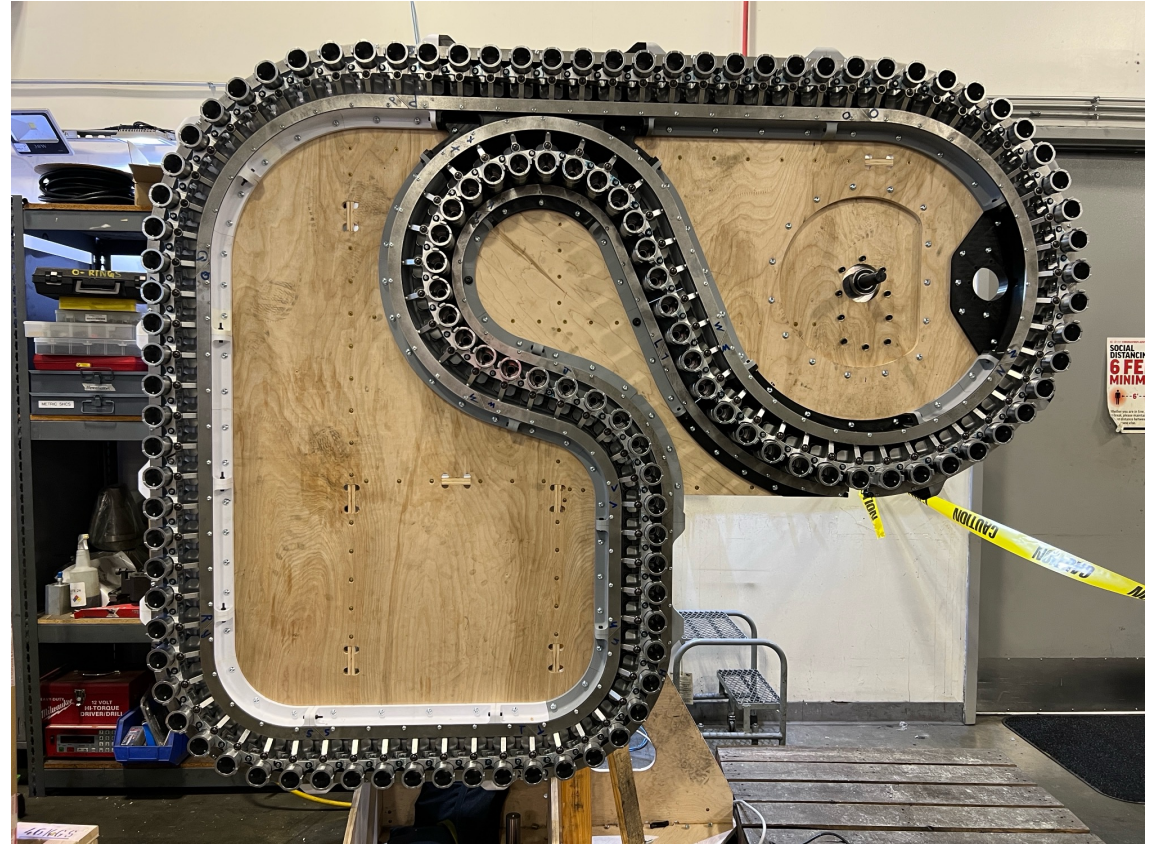


- Mounts to Bridge and Base
- 120 SMTC is balanced on the mount
 - Tool change does not twist the bridge
- Extensive use of existing parts:
 - Pocket
 - Cambox & Double Arm
 - TT drive system (shared with 70 pocket)
 - Tool Tip Mechanism
 - Software (configured just like a carousel)
- Non-Tensioned, reduces wear on components
- The act of tipping the pocket centers and positions precisely
- All this allows for compliance, minimal wear, increased reliability, decreased service instances, and lower entry cost



70-pocket drive system

120 Pocket SMTC for UMCs



Billet Trolley for Prove Out



SMTC 120 Proliferation - UMC



400



500



Production
ready in
~3 months

750



1000



Significant
Enclosure
Modifications

1250

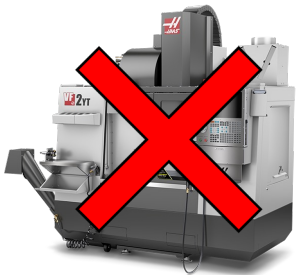


Will need to be
flat racked

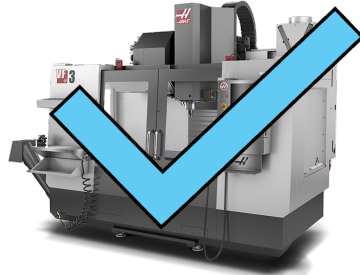
SMTC 120 Proliferation - VF



2YT



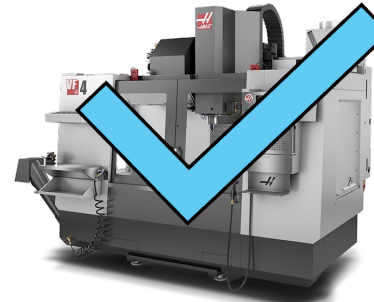
3



3YT



4



5

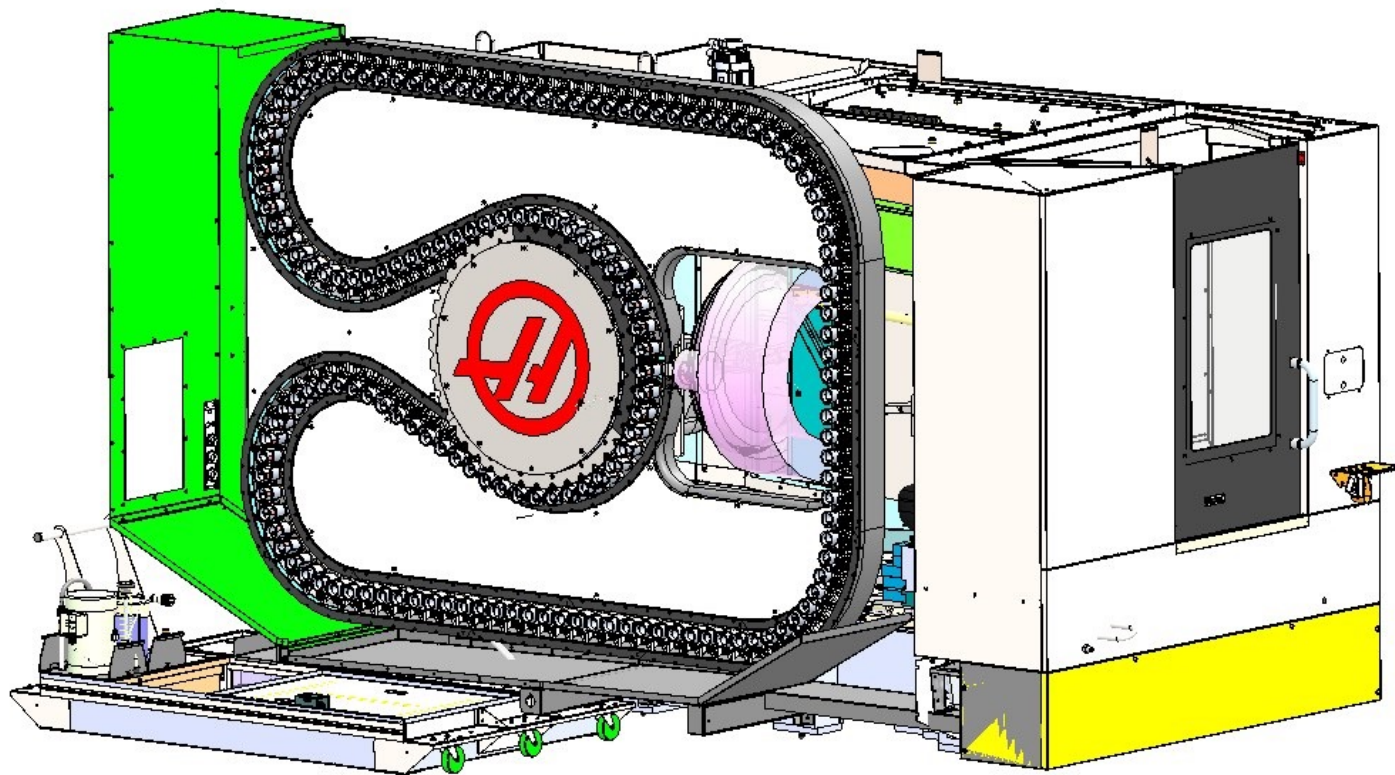


Starting here

Horizontal SMTC 160



Maintains original footprint
EC-400
EC-500



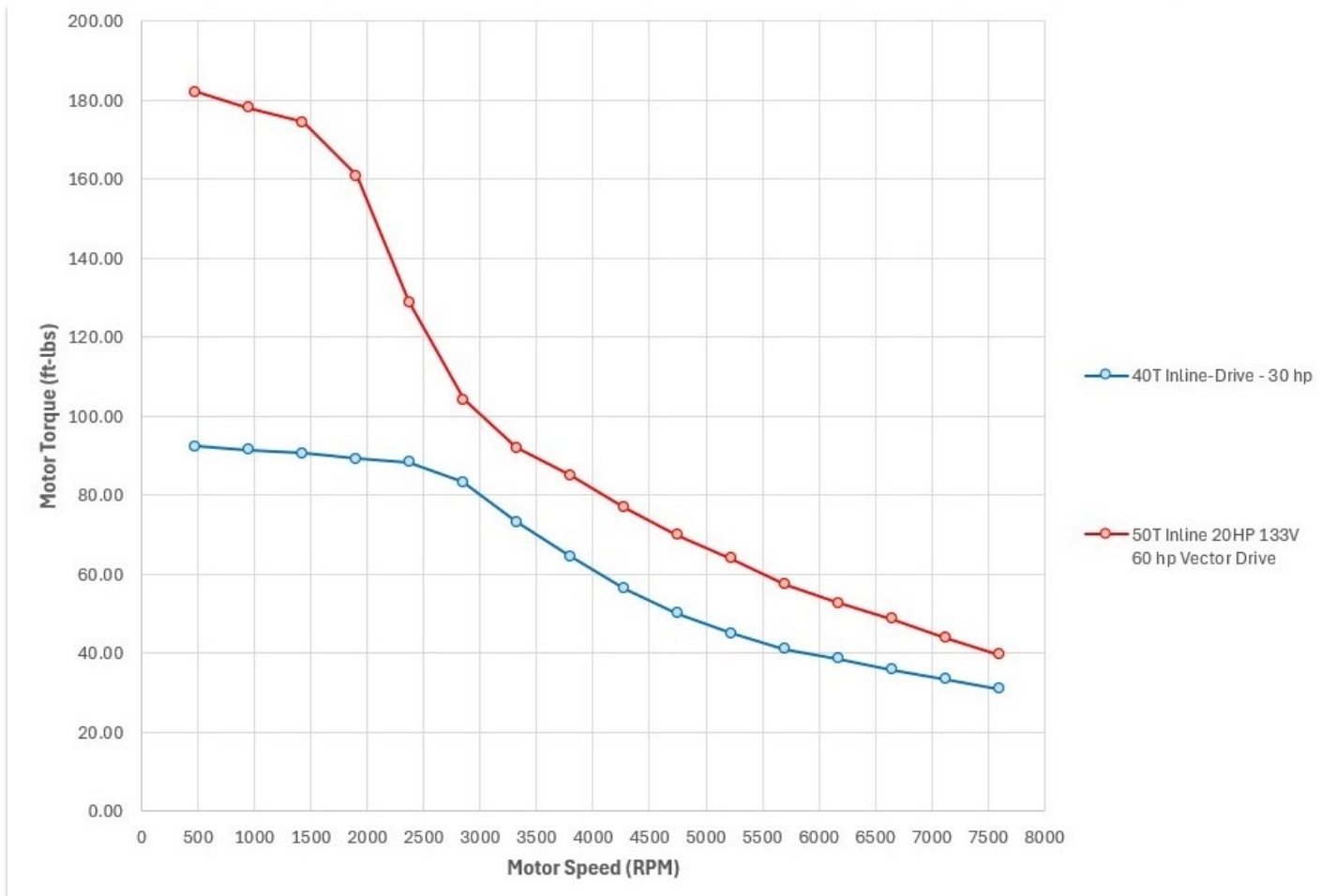
UMC-1250/50



- 50T version of UMC built on UMC-1250 frame
- Haas Inline 50T spindle
- July 1 release globally
- Q3-2025 deliveries
- \$339,995



UMC-1250/50 Torque Chart

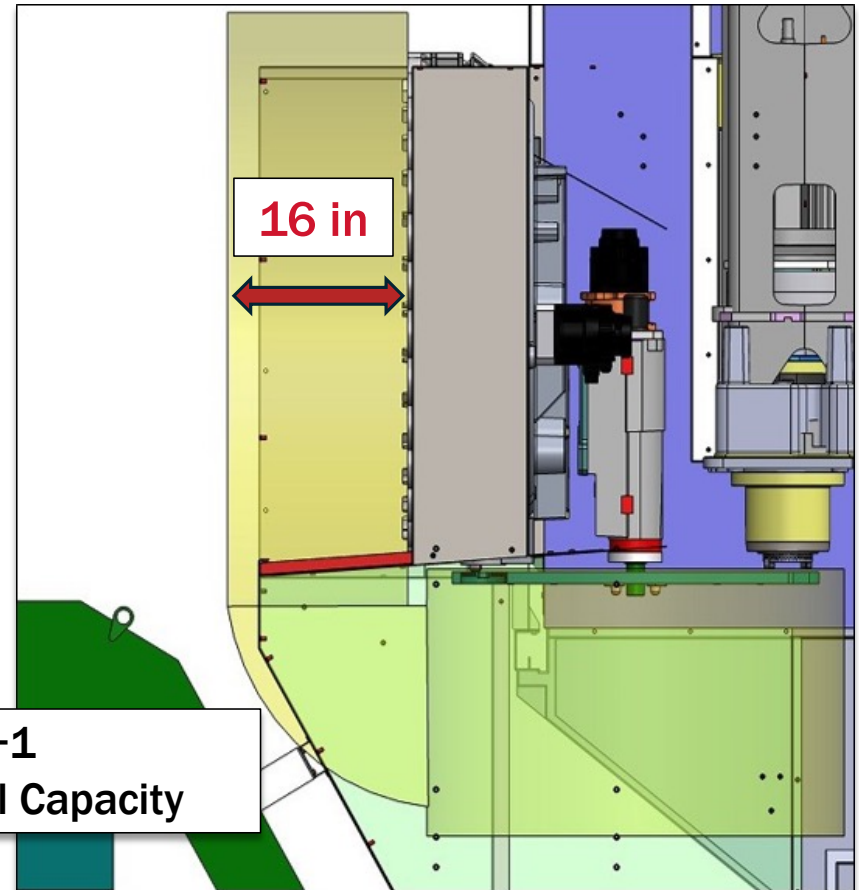


UMC-1250/50



- Increased tool diameter and length vs UMC-1250 (40T)

Machine	Tool Diameter (in)	Max Tool Length (in)
VF-3YT/50	7	16
VF-6/50	10	16
EC-1600	10	20
UMC-1250/40	5	12
UMC-1250/50	7	16



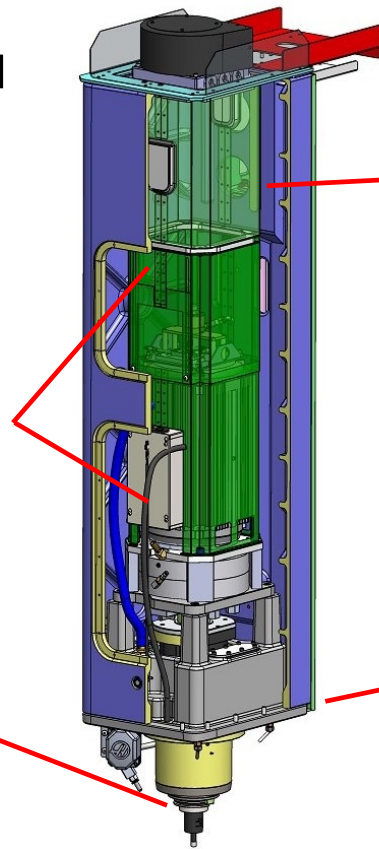
UMC-1250/50 Spindle Head



Optimized cast structure for reduced mass & increased rigidity

Upper & lower front access covers for improved serviceability of TSC lines, lube lines, flood coolant line, wiring, spindle encoder, spindle balance, TRP hoses and prox switch

Remove spindle mount to service spindle, spindle motor, and TRP



Telescoping internal ducting allows for ease of serviceability

7.5K RPM standard
10K RPM optional

Coolant jacket from the original 40T UMC-1250 for additional heat dissipation

Horizontals

EC-1600ZT Pallet Pool



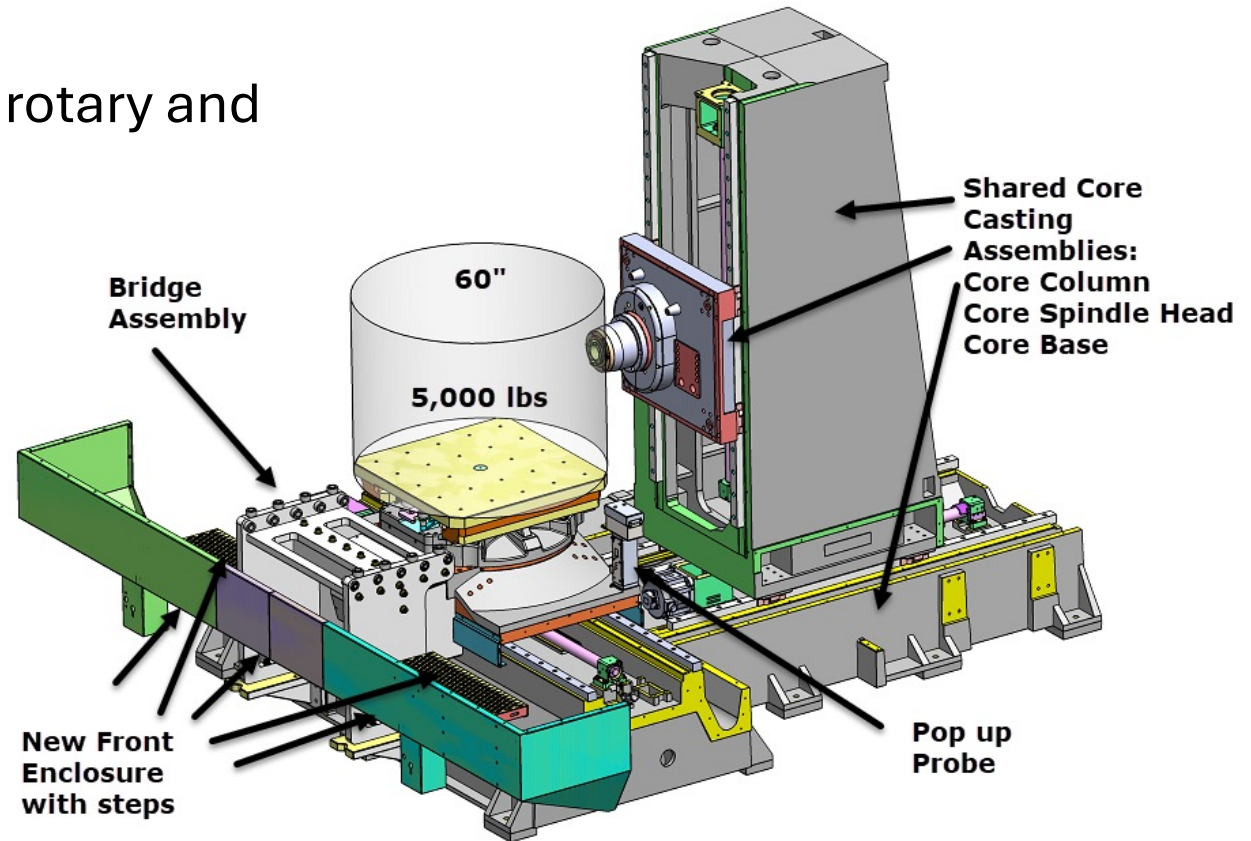
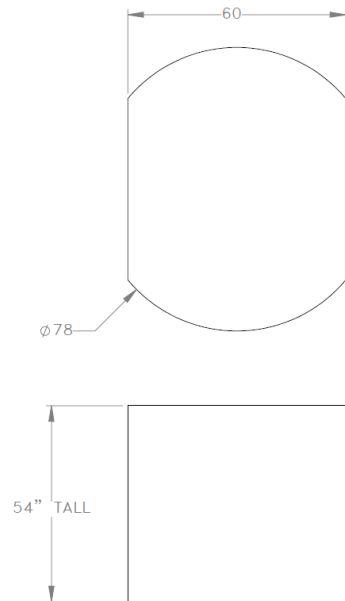
- 5 pallets
- Available only for EC-1600ZT
- July 1 release globally
- \$249,995
- Q3-2025 deliveries



EC-1600ZT Pallet Pool



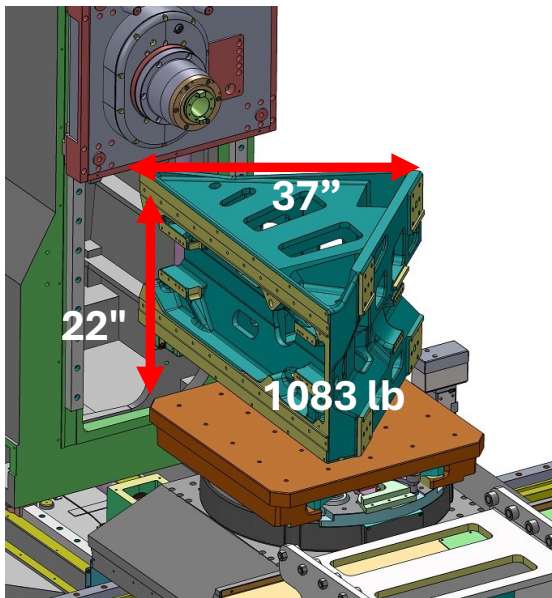
- 5,000 lb pallet capacity
- Combination of EC-1600 rotary and EC-400 pallet clamping



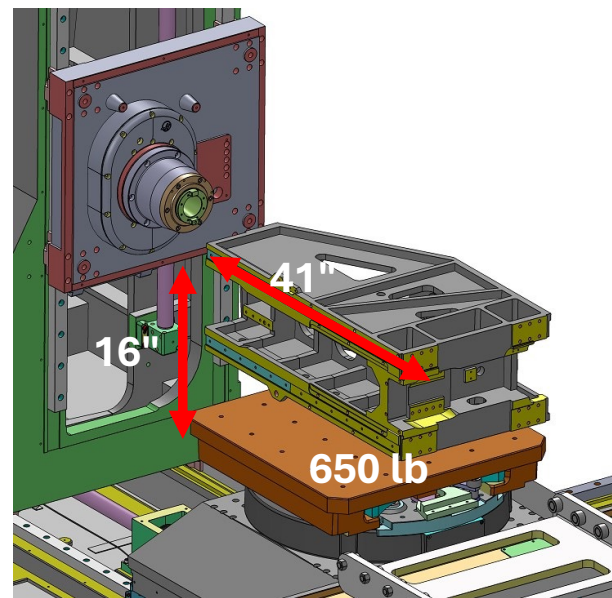
EC-1600ZT Pallet Pool



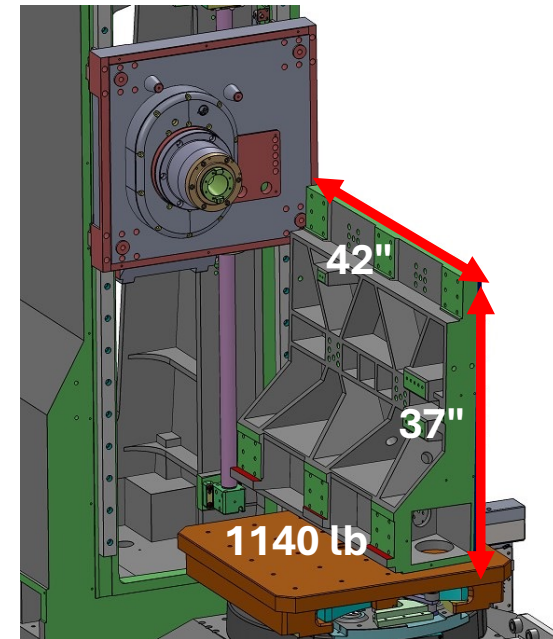
- Potential parts to be machined on EC-1600ZT Pallet Pool (currently made on BMC-1000)



- **ST-40Y/45Y Wedge**
 - 37" Width
 - 22" Height
 - 1083 lb (not including fixture/pallet)



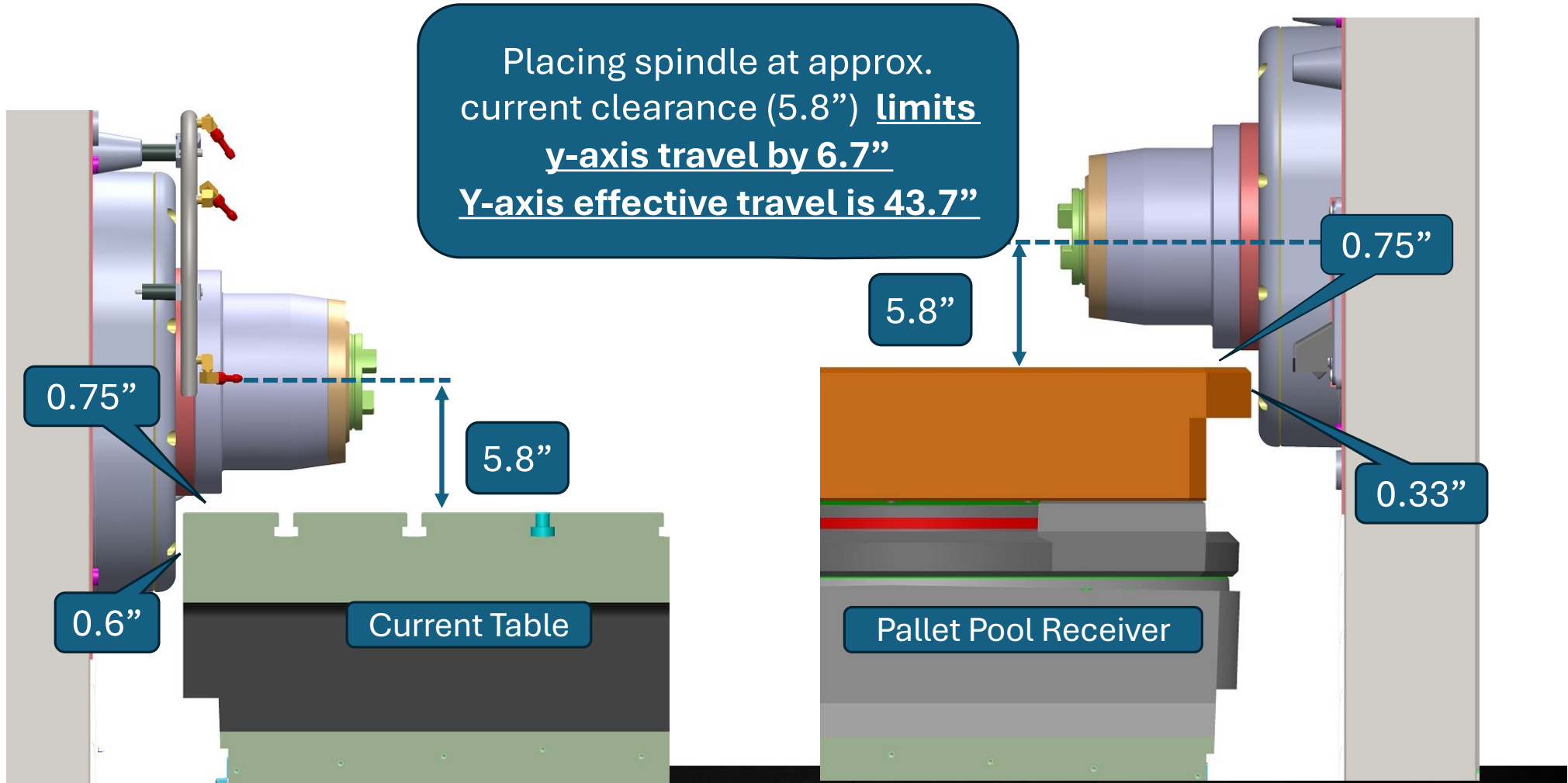
- **UMC-500 Ram**
 - 41" Width
 - 16" Height
 - 650 lb (not including fixture/pallet)



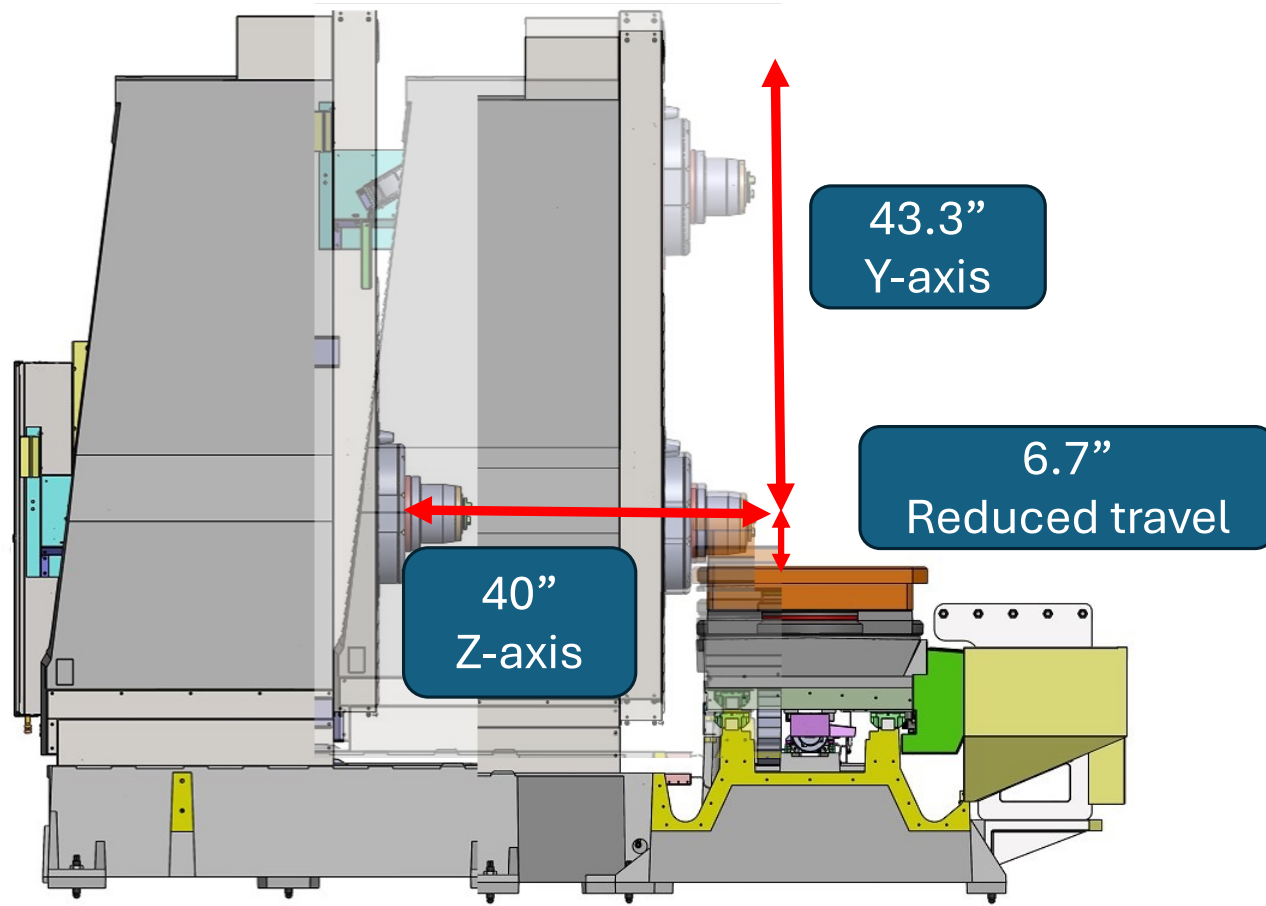
- **HDC Spindle Head**
 - 41" Width
 - 16" Height
 - 650 lb (not including fixture/ pallet)

EC-1600ZT Pallet Pool

Placing spindle at approx.
current clearance (5.8") limits
y-axis travel by 6.7"
Y-axis effective travel is 43.7"



EC-1600ZT Pallet Pool

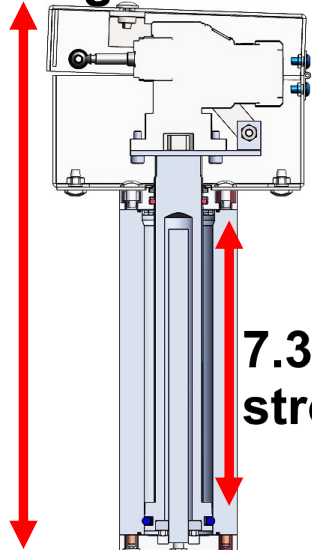


EC-1600ZT Pallet Pool



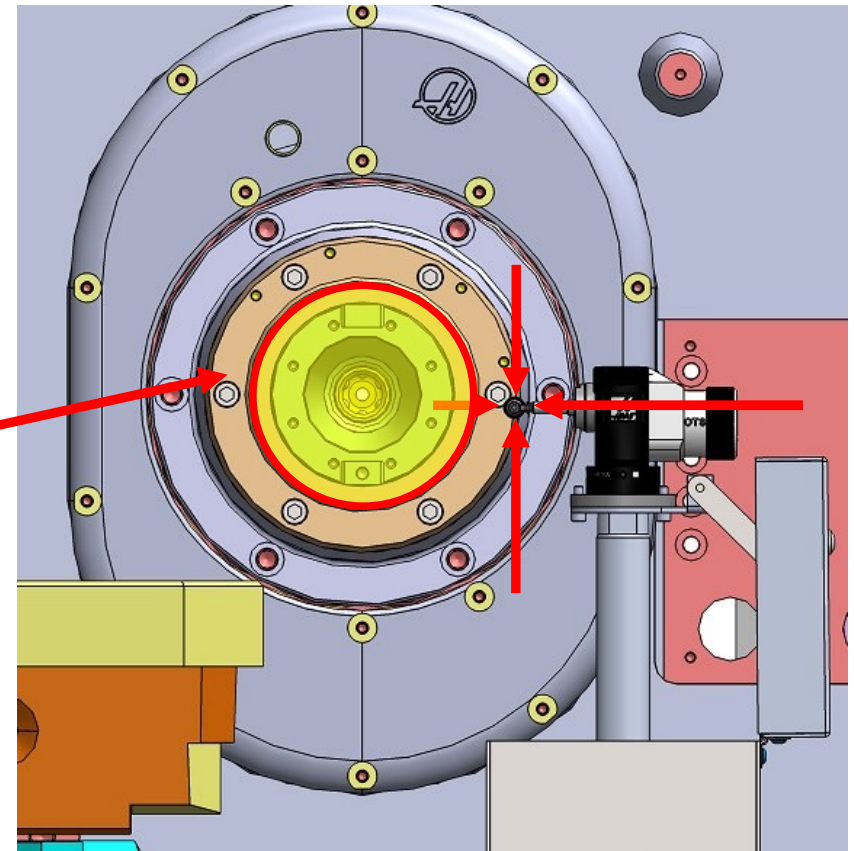
- Tool probe will be same as EC-400, all same components
- Clearance to probe in all directions

14" closed length



7.33" stroke

Will have room to probe up to 5" dia. tool



EC-1600ZT Pallet Pool



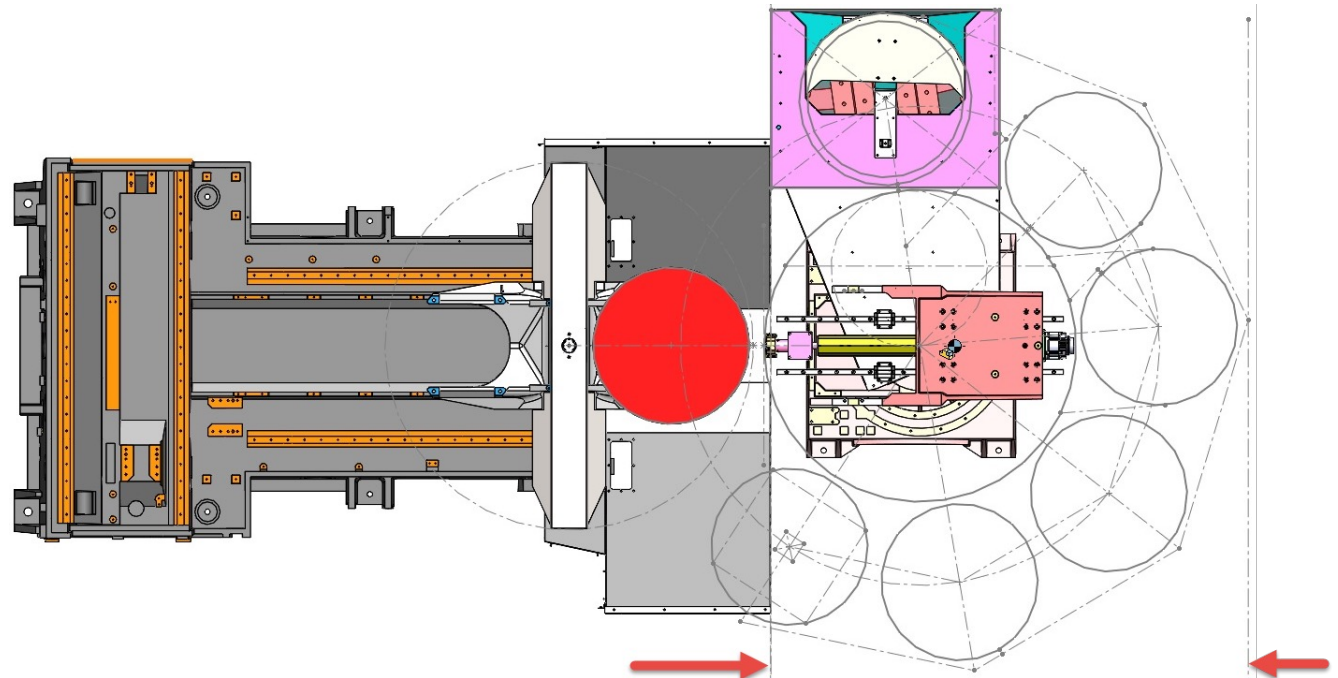
EC-1600ZT Pallet Pool



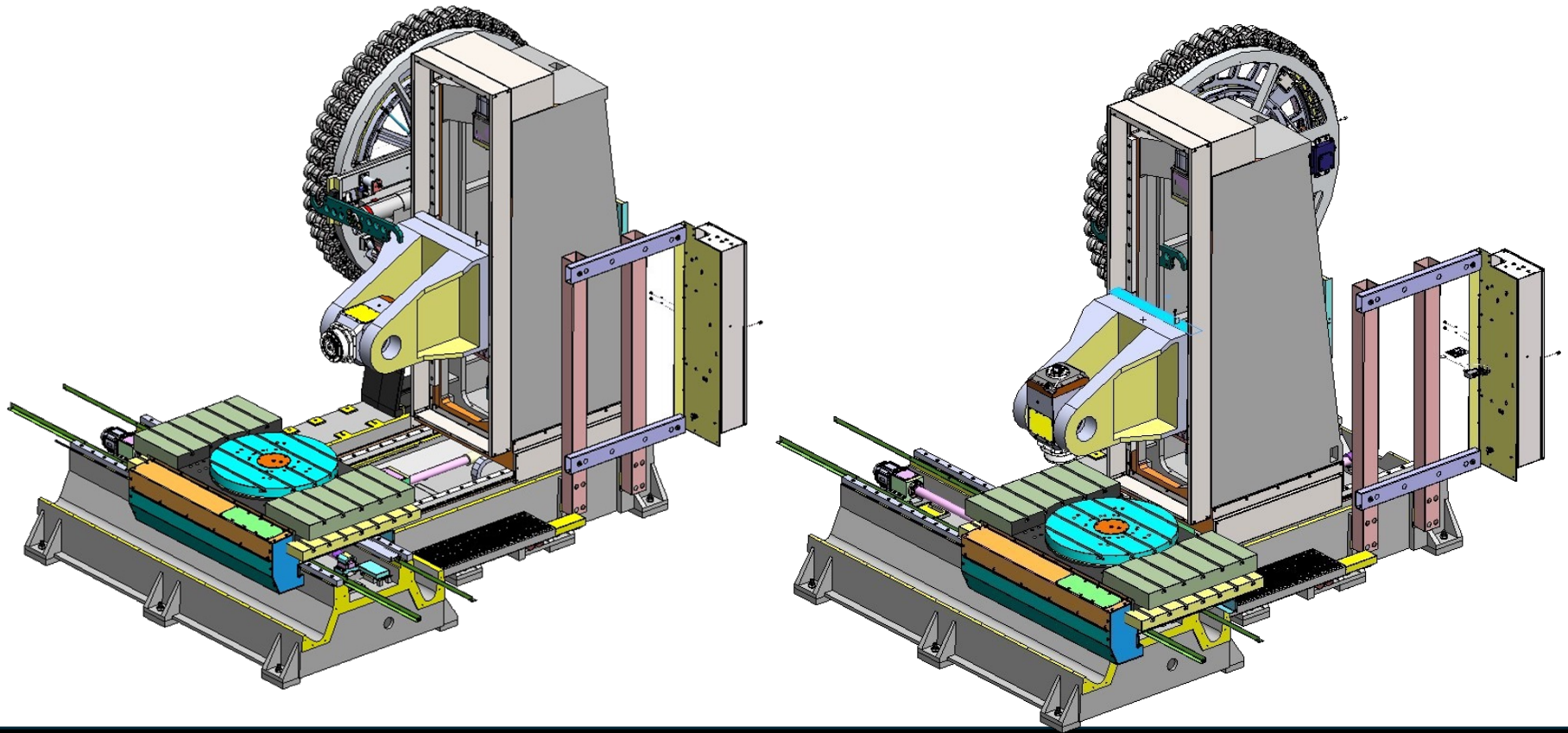
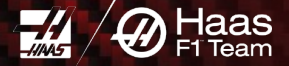
EC-500 Pallet Pool



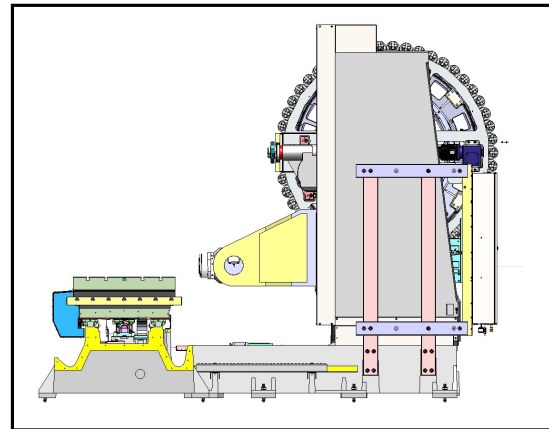
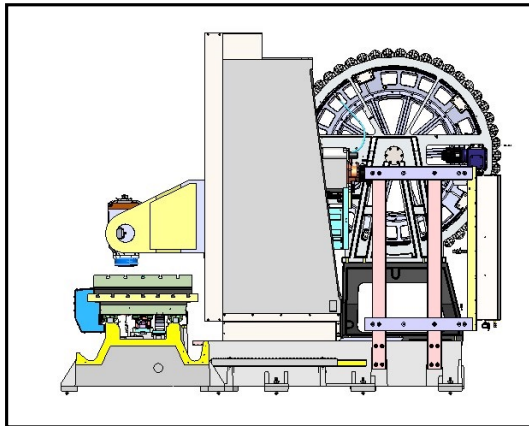
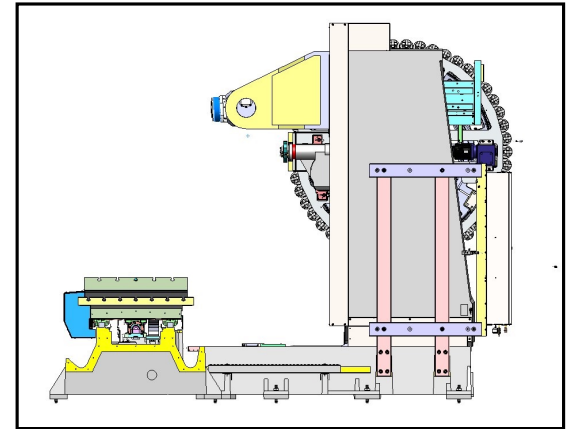
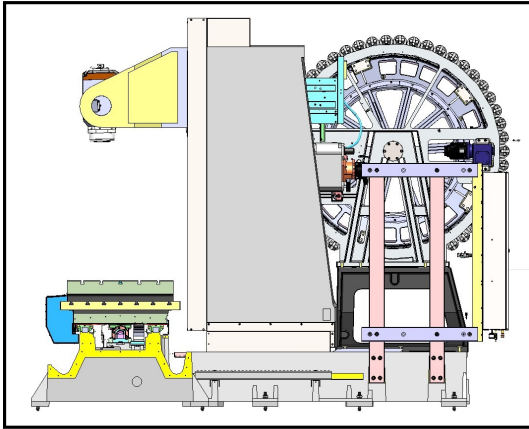
- EC-500 6+1 Pallet Pool
- Fits in a container
- 29" Part Swing
 - EC-400 is 22" Part Swing
- Use load station from UMC-1250
- Use existing base casting
- New saddle and trolley castings
- Q1-2025 est



EC-1600ZT-??



EC-1600ZT-??



Lathes

TL Production Models



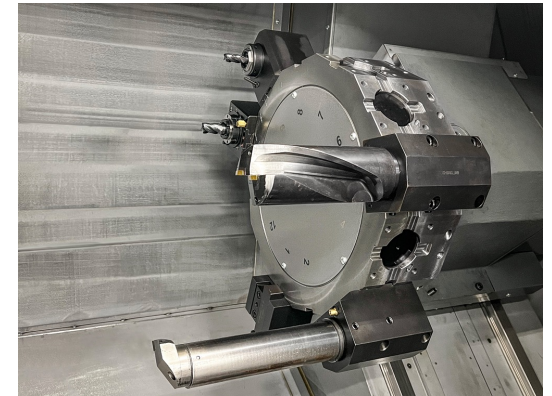
- TL-1P and TL-2P
 - Production version of the Toolroom Lathes
 - Includes:
 - 3000-rpm A2-5 spindle
 - 4-station automatic tool turret
 - **New** 6.5" chuck with hydraulic closer and HPU
 - Sales
 - TL-1P - 11
 - TL-2P - 8



ST-40 Y-Axis



- ST-40s with Y-axis
 - BMT75 live tooling and $\pm 3''$ (76mm) Y-axis travel
- Sales
 - ST-40Y – 24
 - ST-45Y – 13
 - ST-40SY – 10
 - ST-45SY – 1
 - ST-45LY – 2



ST-40 Short Beds

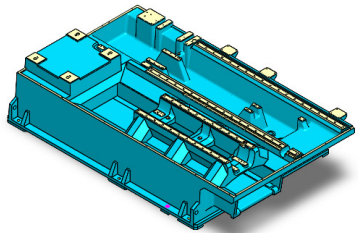


- ST-40 with a short bed
 - Short Z-axis travel ST-40s for smaller footprint
 - 11% smaller than standard ST-40s
 - 30% smaller than long-bed ST-40s
 - 28" (711mm) Z-axis travel
 - Sales
 - ST-40S – 12
 - ST-40SY – 10
 - ST-45S – 3
 - ST-45SY – 1

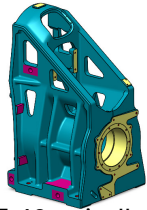


❖ Large lathes (ST-40s) have increased from 4% of all ST sales in 2023 to 6% of all ST sales in 2025

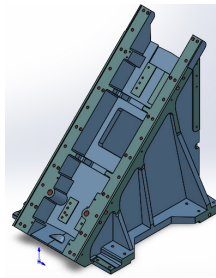
Large Lathe Family (ST-40 to ST-55)



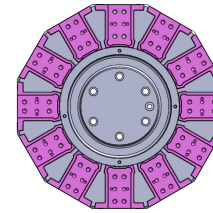
Short bed base



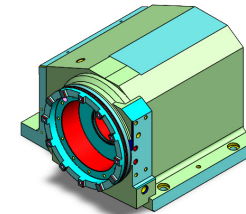
ST-40 spindle head
A2-8



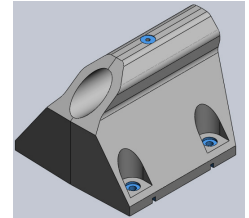
Standard wedge



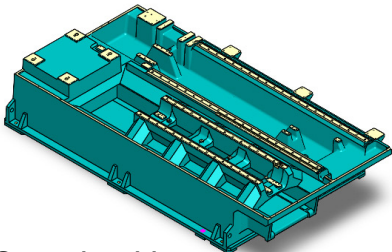
BOT turret



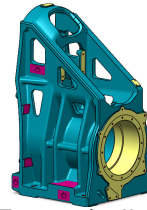
1 turret housing
casting



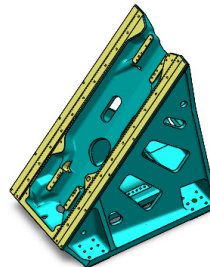
1 tailstock
casting



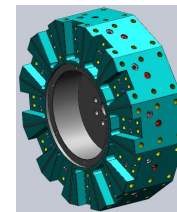
Standard base



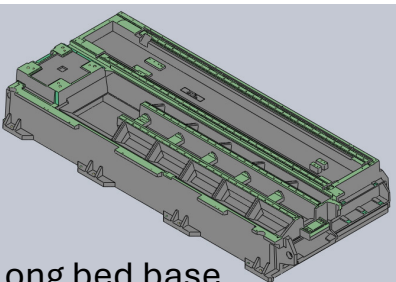
ST-45 spindle head
A2-11



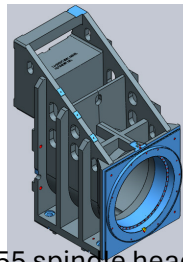
Y-axis wedge and saddle
2 wedge castings



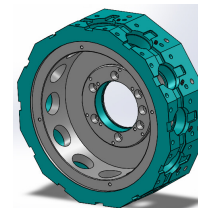
Ext BOT turret



Long bed base



ST-55 spindle head
A1-20



BMT turret

14 unique models

ST-40	ST-45	ST-55
ST-40Y	ST-45Y	ST-55Y
ST-40L	ST-45L	ST-55S
ST-40LY	ST-45LY	ST-55SY
ST-40S	ST-45S	
ST-40SY	ST-45SY	

Direct Feedback



I'm frequently running into the DN Lynx 2100 SY (Sub) with Y-axis and full C-axis on Sub.

This is equivalent to the Haas ST-20Y-S but with the Finishing Sub and no C-axis on Sub.

The DN sales staff seems to lead with this machine at Haas shops, as they know we have no competitive model. And they push the full C-axis on the Sub ... and it becomes the deciding factor to rule Haas out.

It forces us to quote a much larger DS-30Y and is about \$ 50k to \$ 60k more and bigger footprint and lower RPM.

And existing Haas customers want (and ask for) other Y-axis models with full C-axis on the Sub ... every model on the ST-line up. They seem frustrated or "disenchanted" that Haas only has 1 model with full C-axis on Sub ... and sends them wondering to other brands.

Jeff ... can you ask Gasish / Haas if they can look at adapting the existing C-axis Sub on the DS-30Y on to the other ST models?

If it does not fit ... can they make it fit?

Ideally their would be: DS-20Y, DS-25Y, DS-28Y, DS-30Y, DS-35Y ... this would dramatically help keep the competition out and sell more machines.

DS-20Y Proposal

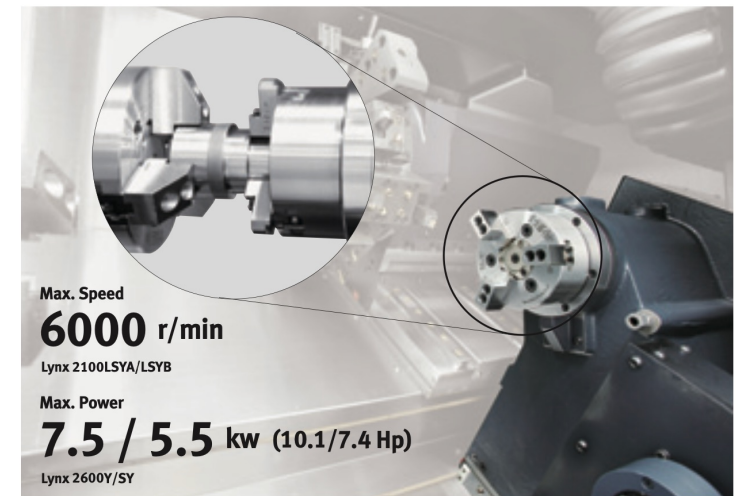


- Offer the DS-30Y second spindle on the ST-20Y frame size
- Competitors, mainly Doosan, offer a full C-axis on the second spindle/sub-spindle
- Haas offers full C-axis control of second spindle of DS-30Y, but size and price is not competitive w/ Doosan's Lynx 2100 series
 - Lynx 2100 = ST-15/20



Sub-spindle

The sub-spindle function enables rear-side cutting by a single setup, thereby maximizing the user's productivity and efficiency. Full C axis 0.001 degree control is included to optimize capability.



Models	Standard chuck size	Spindle speed r/min	Max.power (15min/cont.) kW (Hp)	Max torque N-m (ft-lbs)
Lynx 2100LSYA/LSYB	5 inch	6000	5.5/3.7 (7.4 / 5.0) (15min/Cont.)	47 (34.7)
Lynx 2600Y/SY	6 inch	4500	7.5/5.5/5.5 (S6 25%/S6 40%/Cont.)	84 (62.0)

Sub-Spindle Sales



- Growth opportunity in ‘Sub Spdl’ market segment
- Doosan sells more DS-20Y equivalent Lynx 2100 than DS-30Y equivalent, Lynx 2600
- Potential for 100+ more DS-20Y sales per year

Doosan	# Sold	Haas Eqv
LYNX-2100-SYA/B	350	ST-20Y
LYNX-2600-SY	66	DS-30Y
DS-30Y	271	

USMTO Code	USMTO Dedcription	Haas Machines	USMTC	HFO	MS
3541.726	VMC, Y 20" TO 26"	VF-3/4/5	8,639	4,121	48%
3541.725	VMC, Y > 15" < 20"	VF-1/2, MM2, DM, TM1/2'S,	5,058	3,445	68%
3541.561	LATHES, A2-6 W/O Y-AXIS	ST-10/15/20/25/28/30	4,513	1,453	32%
3541.701	VMC, LESS THAN 40T/HSK-A63	DT/CM	2,447	336	14%
3541.727	VMC, Y > 26" TO < 42"	VF-6+	2,435	1,100	45%
3541.571	LATHES, A2-6 OR LESS W/ SUB SPDL	DS-30Y	2,211	377	17%
3541.745	VMC, 5-AXIS, 401MM - 630MM	UMC-750/1000/1500	2,142	671	31%
3541.563	LATHES, A2-8, W/O Y-AXIS	ST-28/35/40 + L'S	1,816	294	16%
3541.562	LATHES, A2-6 W/ Y-AXIS	ST-10Y/15Y/20Y/25Y/30Y	1,705	1,186	70%
3541.744	VMC, 5-AXIS, 201MM - 400MM	UMC-500	1,524	785	52%
3541.752	HMC, 400MM PALLET OR LESS	EC-400	1,296	116	9%
3541.723	VMC, Y 15" OR LESS	MM'S, TM-0'S, VMT-750	1,257	1,099	87%
3541.564	LATHES, A2-8 W/ Y-AXIS	ST-28Y/35Y/40Y + L'S	1,146	304	27%
3541.525	LATHES, TOOL ROOM LATHE	TL'S	1,080	861	80%
3541.753	HMC, 401MM TO 500MM PALLET	EC-500'S	1,074	25	2%
3541.565	LATHES A2-11 W/O Y-AXIS	ST-45/45L	973	54	6%
3541.746	VMC, 5-AXIS, 631MM - 1500MM	UMC-1250, UMC-1250SS	687	99	14%
3541.754	HMC, 501MM TO 630MM PALLET	EC-630	589	9	2%
3541.728	VMC, Y > 42"	GR/GM/VS	524	187	36%
3541.755	HMC, 631MM TO 800MM PALLET	EC-1600'S	369	95	26%
3541.747	VMC, 5-AXIS, > 1500MM	VR, GM-2-5AX	247	81	33%
3541.554	LATHES, A2-20	ST-55	197	8	4%
3541.765	HMC, 5-AXIS, 631MM TO 800MM	UMC1600H, EC-1600-5X	150	4	3%

	2022	2023	2024	2025
DS as % of ST-10 to ST-30 Sales	7.69%	9.81%	9.79%	10.39%
DS-30Y Sales / Year	142	158	183	67

DS Model Line Up



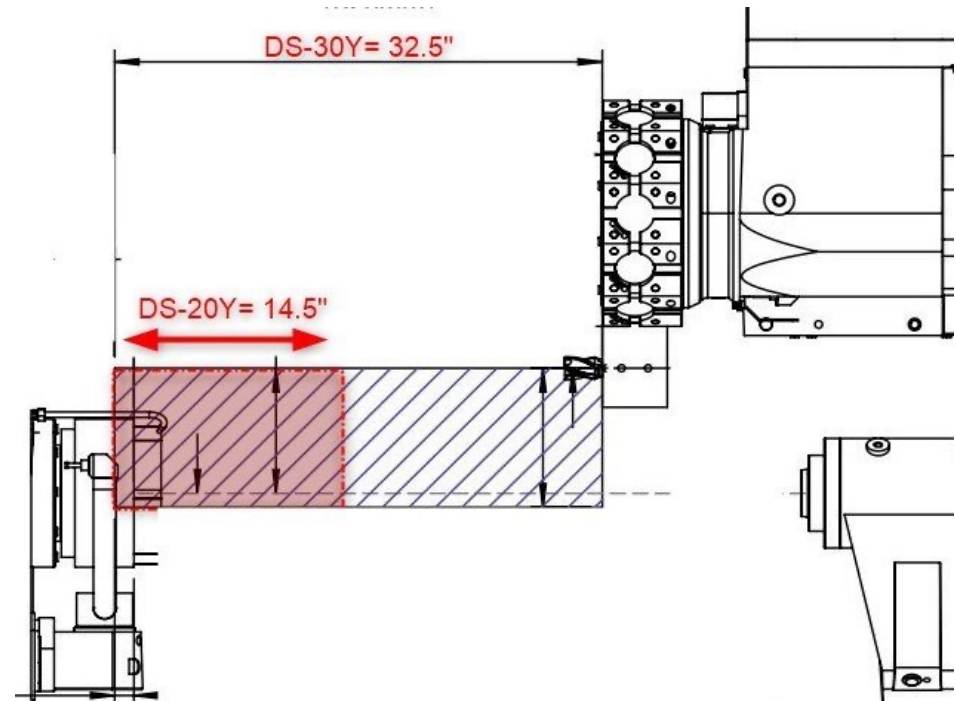
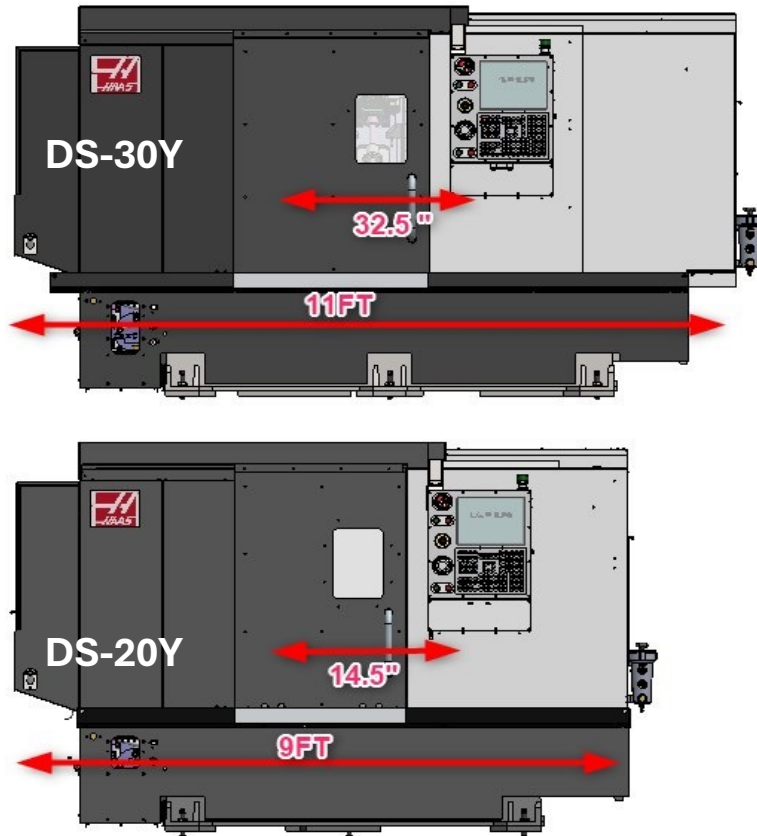
- Expand DS sub spindle across the ST-20 and ST-30 frame size
- \$47,000 for DS to base price

Model	Price
ST-30Y	\$ 127,995.00
DS-30Y	\$ 174,995.00
ST-20Y	\$ 108,995.00
DS-20Y	\$ 155,995.00
ST-25Y	\$ 120,995.00
DS-25Y	\$ 167,995.00
ST-28Y	\$ 127,995.00
DS-28Y	\$ 174,995.00
ST-35Y	\$ 143,995.00
DS-35Y	\$ 190,995.00

If demand is there

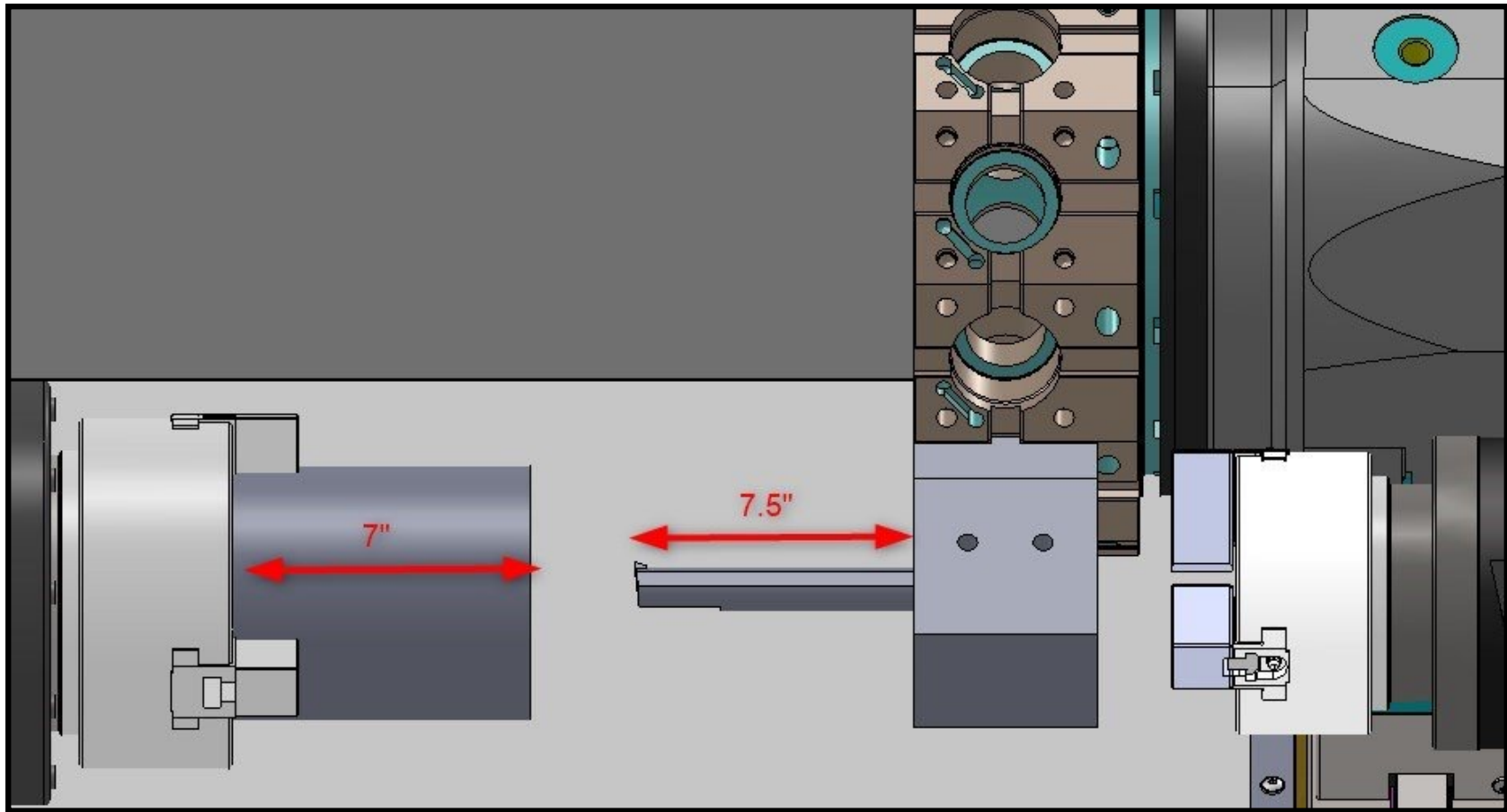
If demand is there

DS-20Y vs DS-30Y

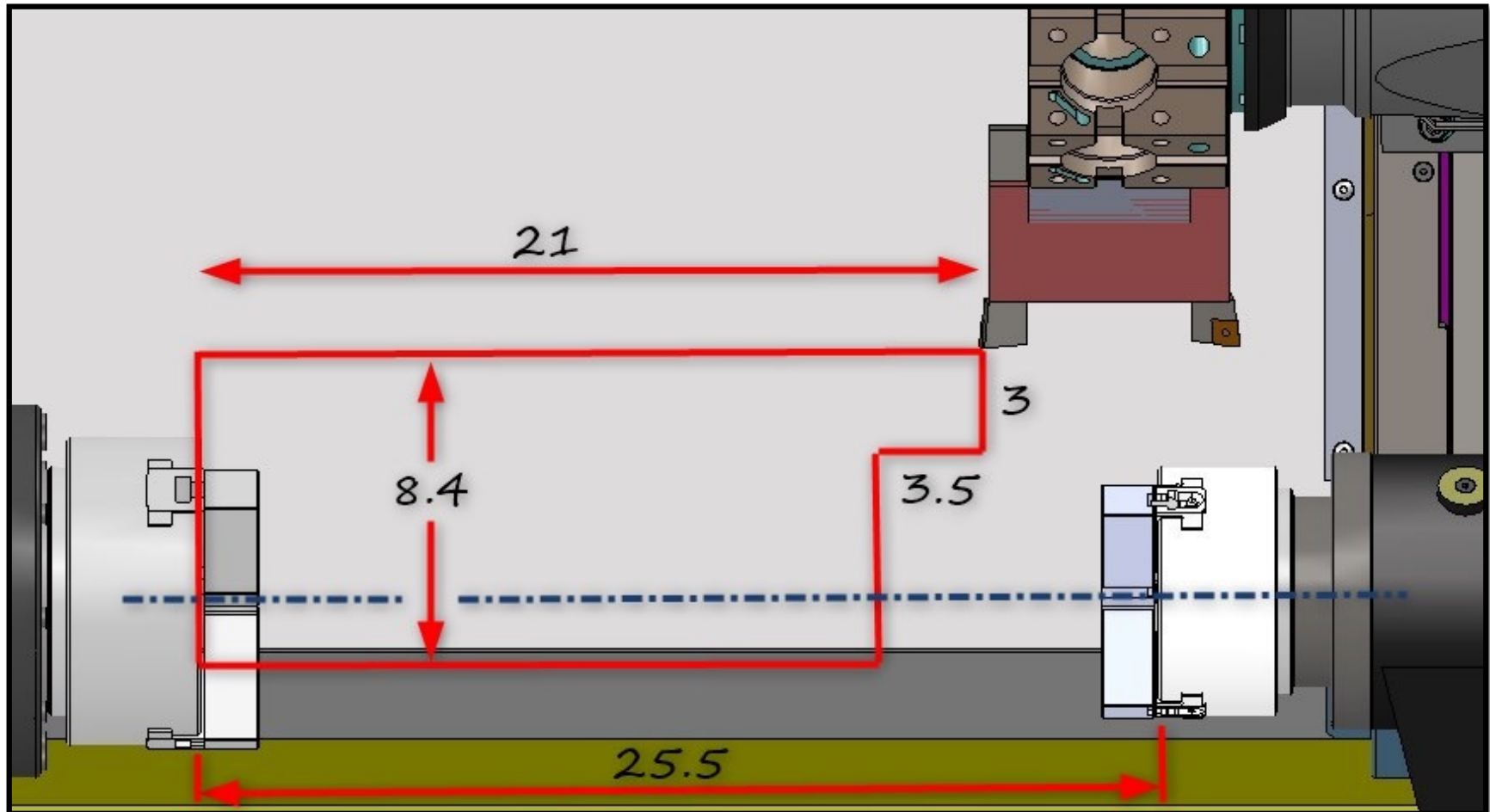


- DS-30Y 6" Chuck Sub-Spindle
- Current ST-20 Sub-Spindle is 5" Chuck
- Minor Enclosure Changes

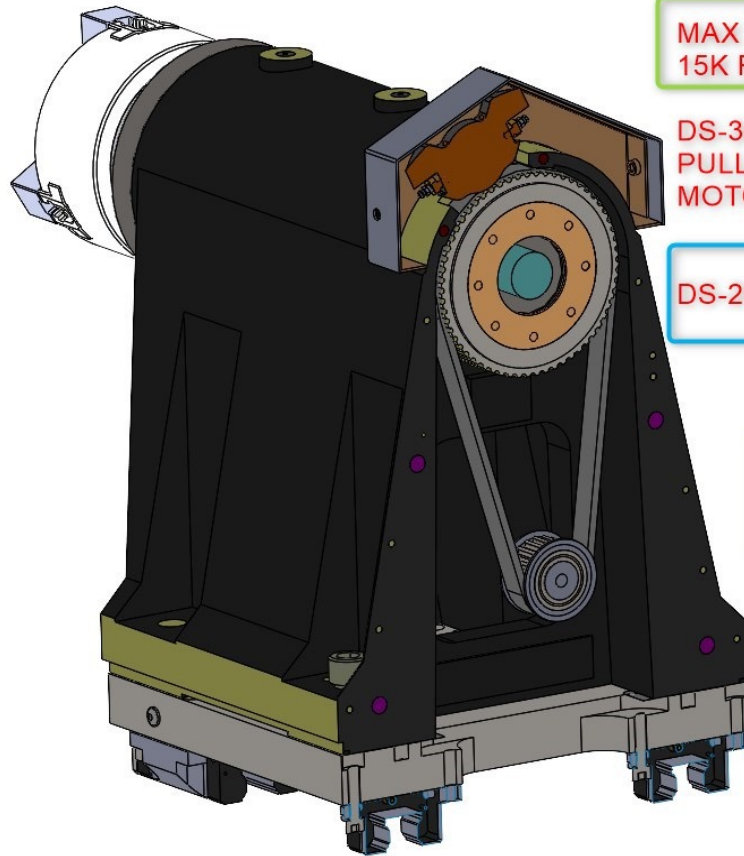
DS-20Y



DS-20Y



DS-20Y



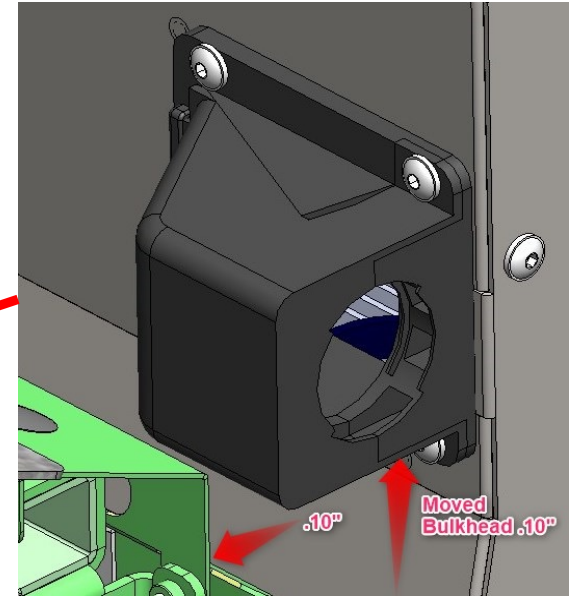
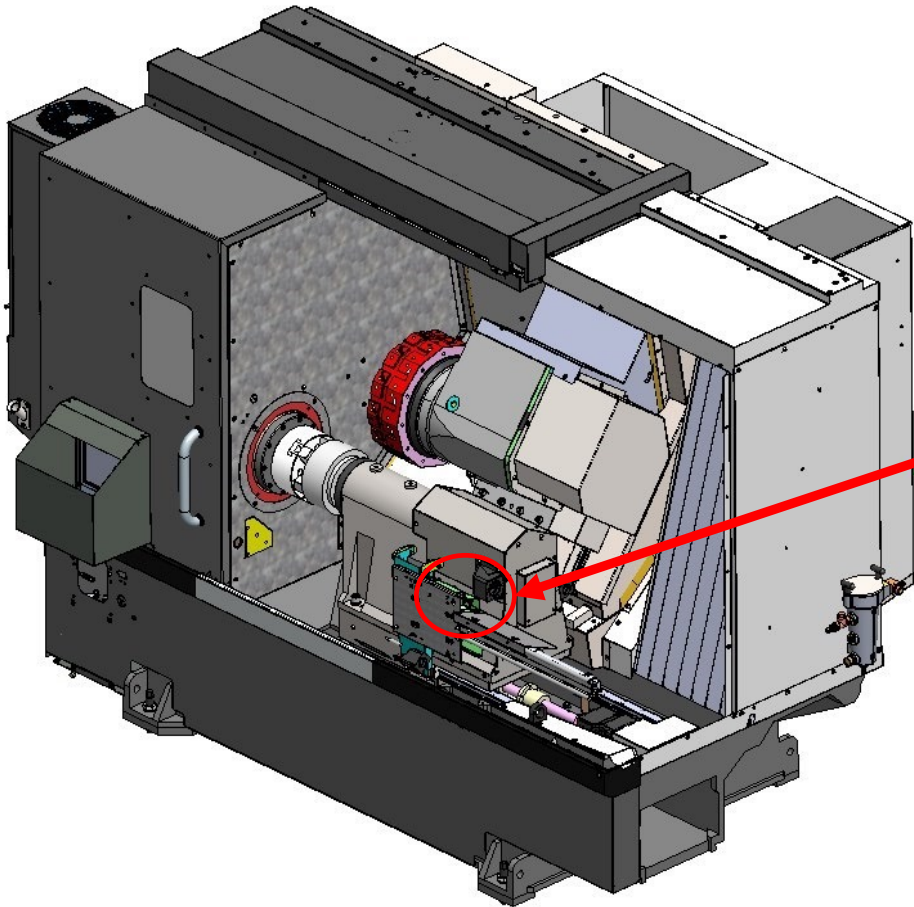
MAX MOTOR SPEED 62-0134 =
15K RPM

DS-30Y RPM 4K MAX
PULLEY RATIO 60:22
MOTOR RPM = 10909

DS-20Y RPM 5K MAX

CONCLUSION:
NO CHANGES TO
PULLEY RATIO

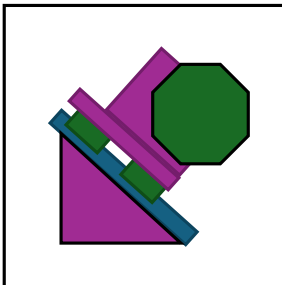
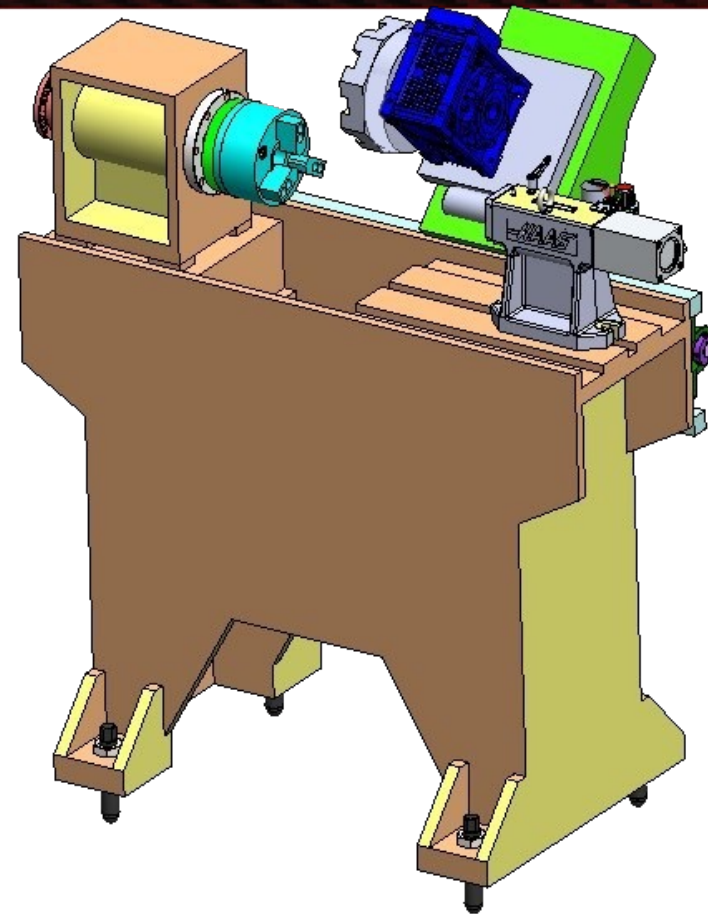
DS-20Y



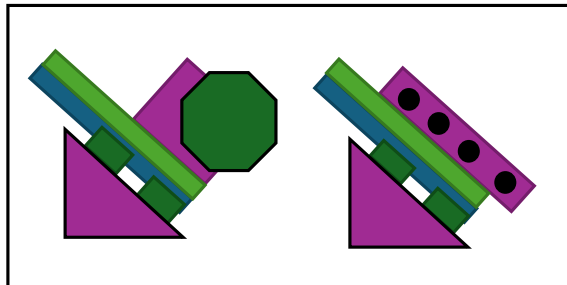
Pocket Lathe Concept



- 36" Wide
- 34" Floor Spindle Center
- 4" X Travel
- 10" Z Travel
- A2-5 plate on mill spindle assy
- CL Collet Closer
- Blind Union Closer (sub spindle)
- Rotary Air T/S

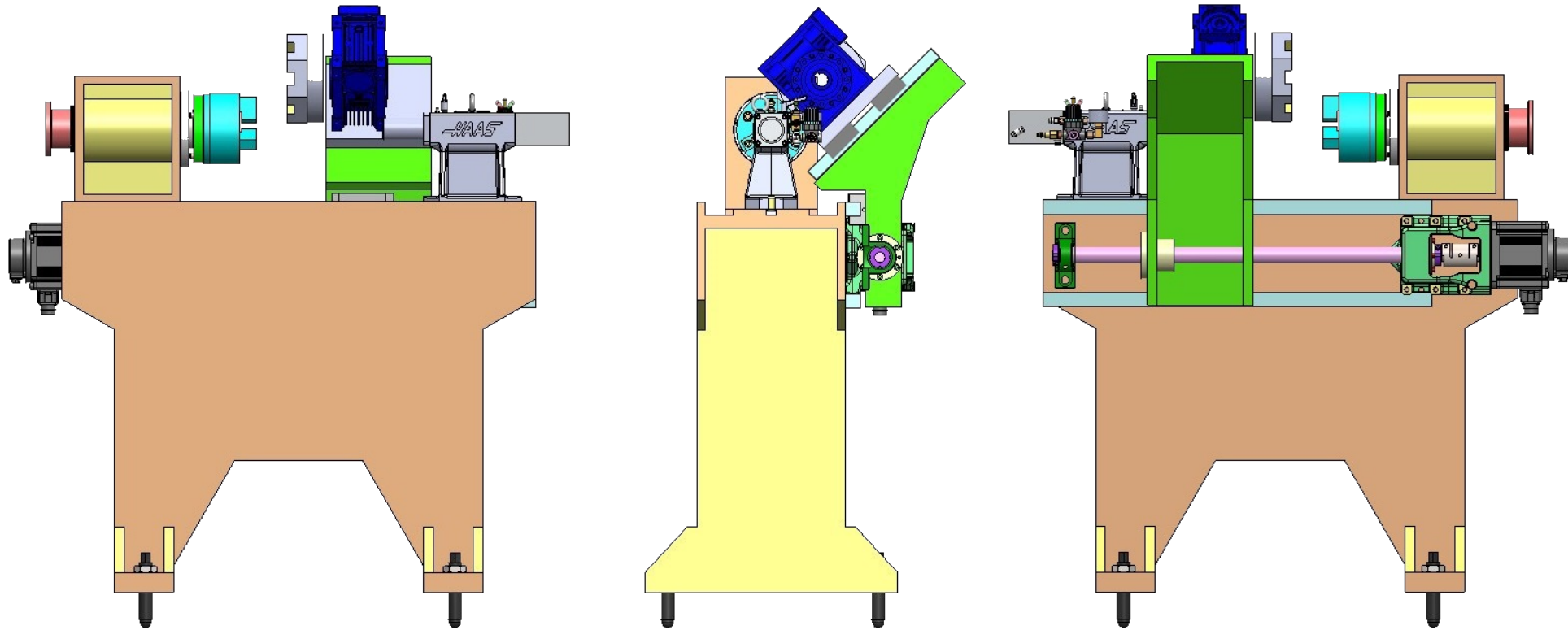


Turret Only

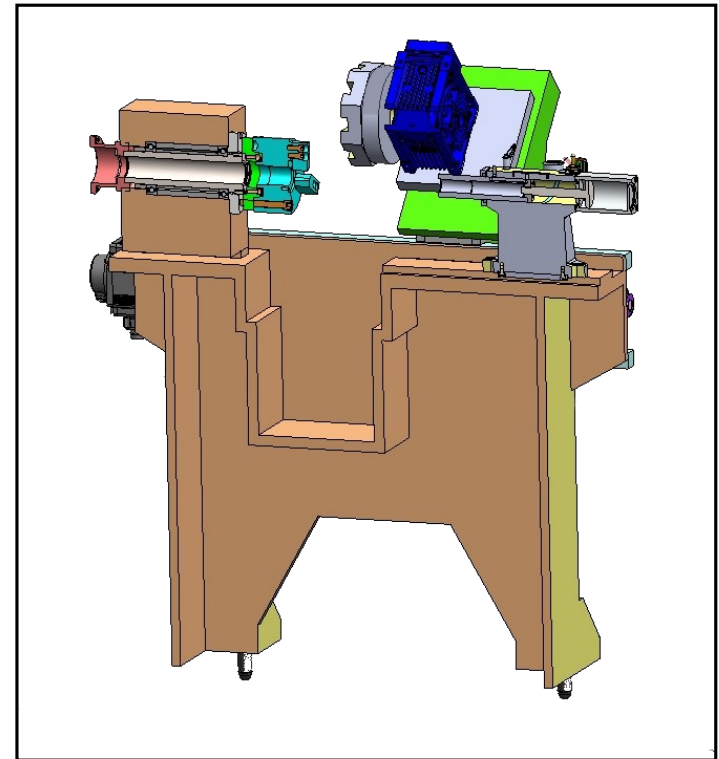
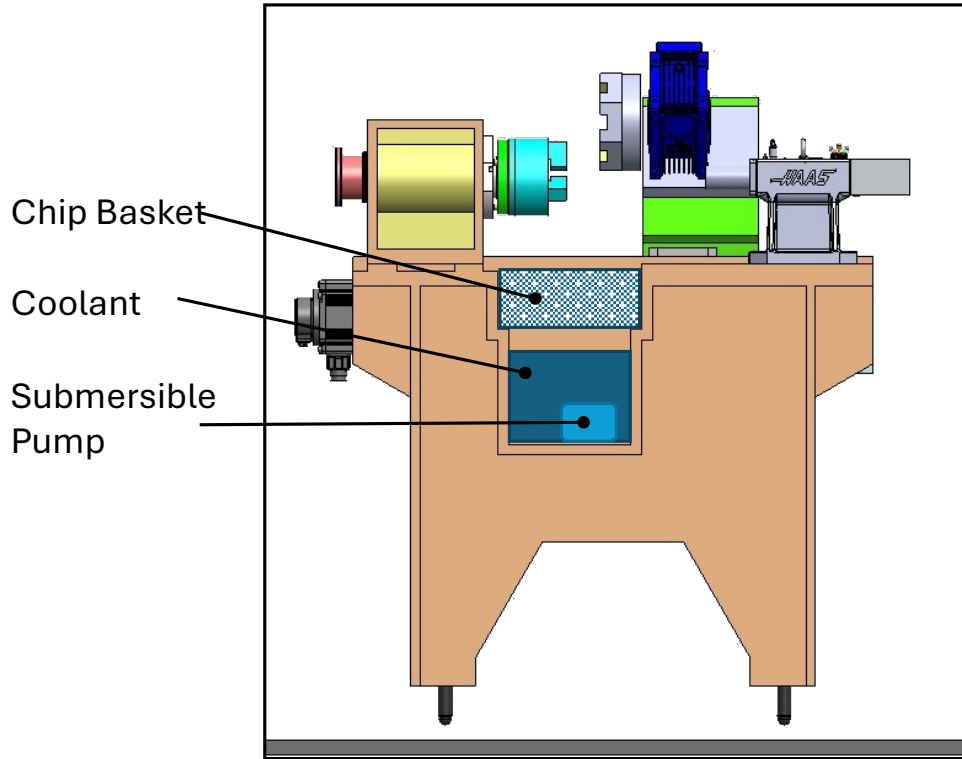


Gang and Turret on Slide

Pocket Lathe Concept



Pocket Lathe Concept



Rotary

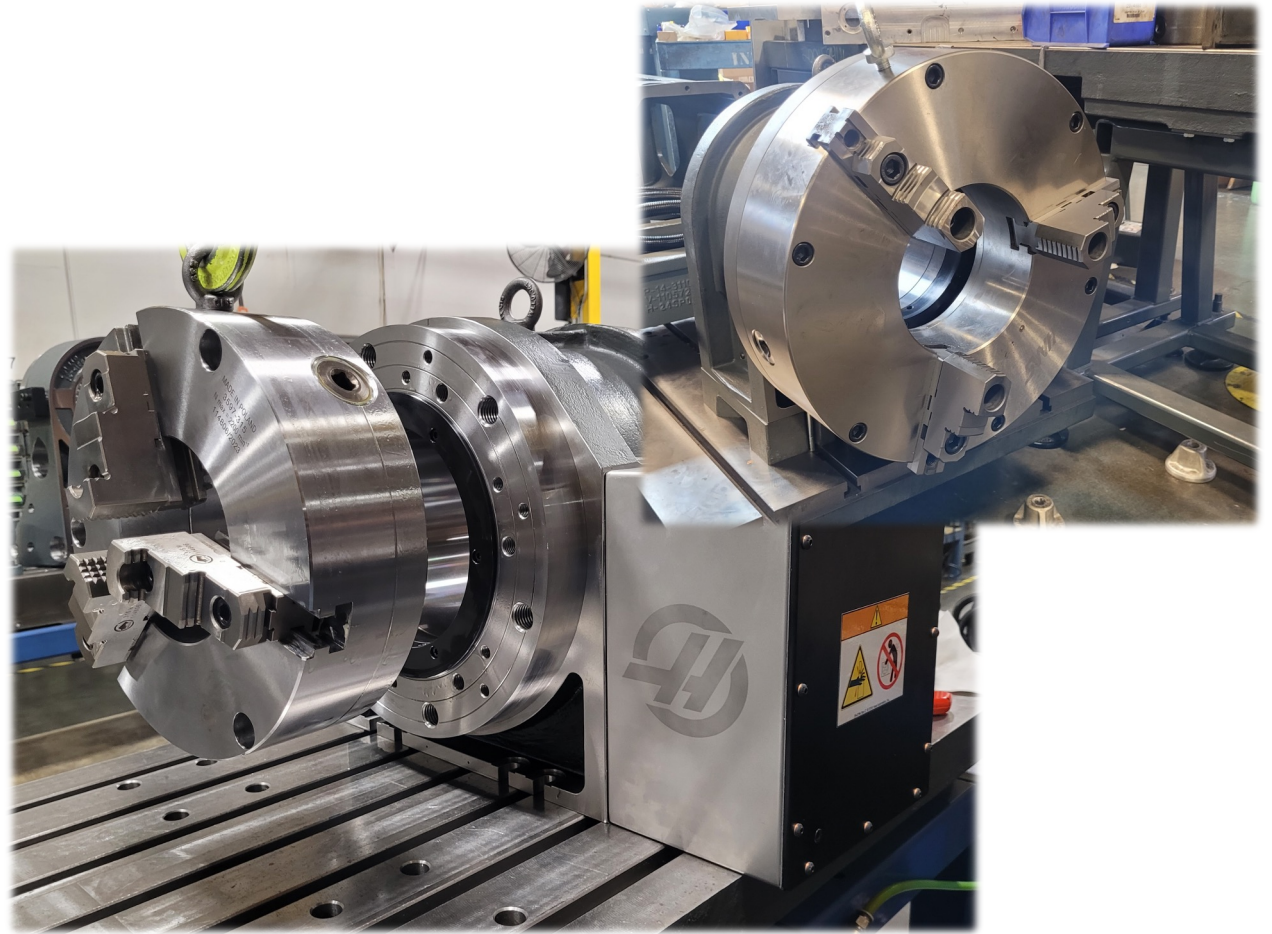
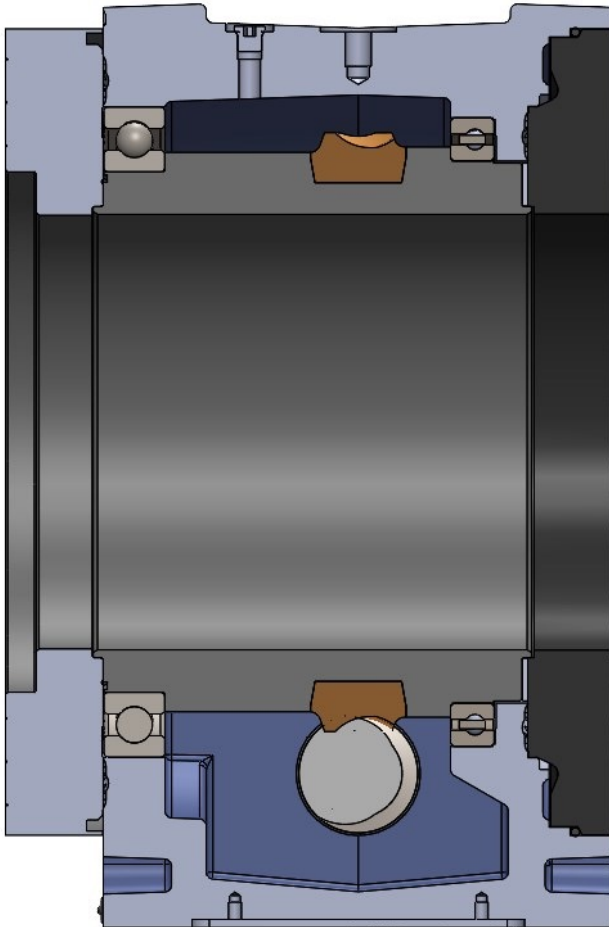
2025 New Products



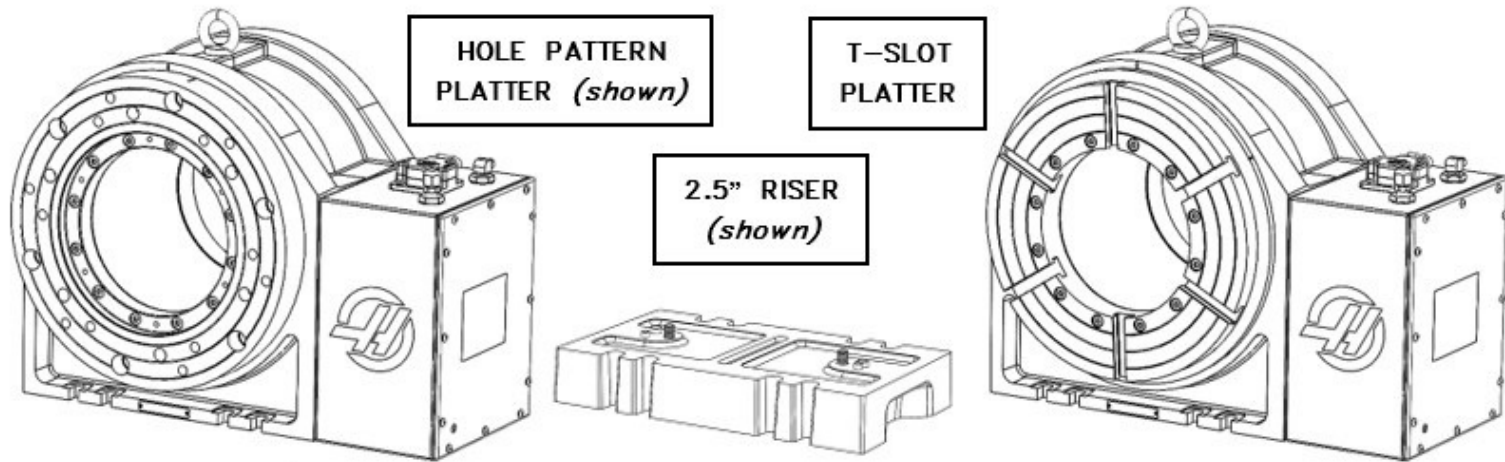
- LT350
 - Large-through-hole rotary table
 - 350mm platter
 - 200mm through-hole
 - Riser and chuck options
 - 7 sold
- LT260
 - Large-through-hole rotary table
 - 260mm platter
 - 135mm through-hole
 - 4 sold



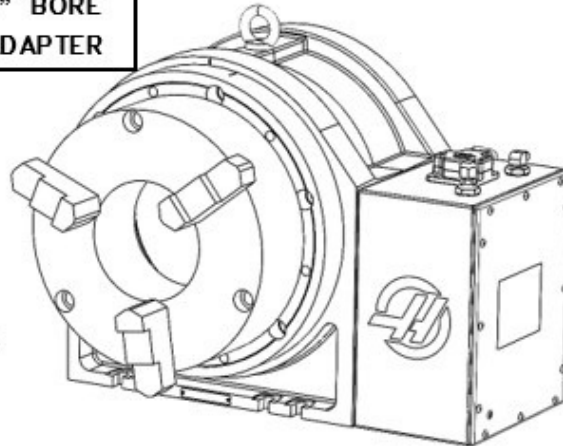
LT350 – Overview



LT350 – Options

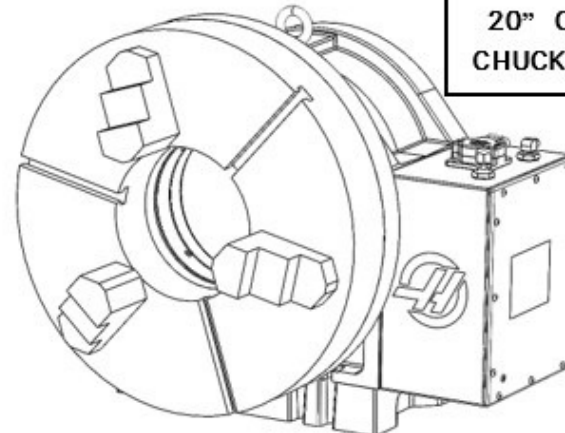


12" OD/5.7" BORE
CHUCK & ADAPTER



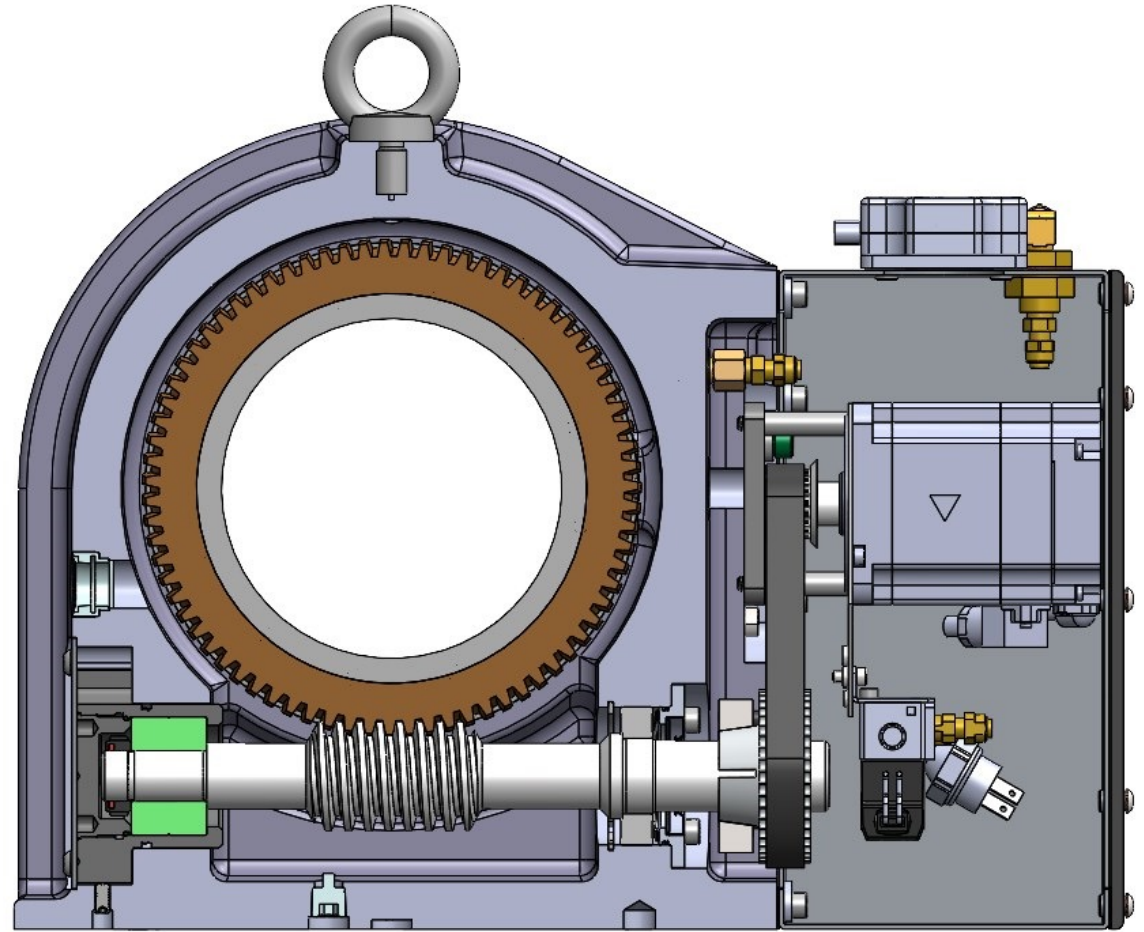
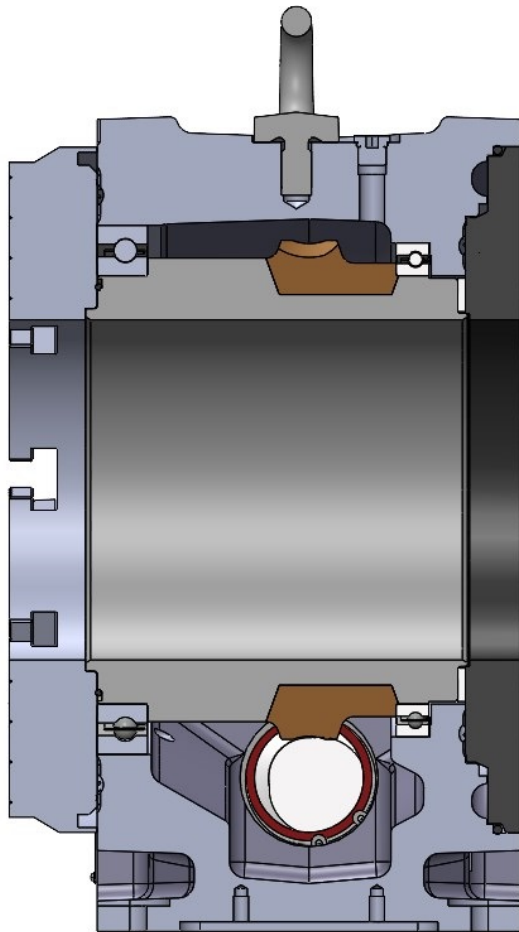
REQUIRES HOLE
PATTERN PLATTER

20" OD/8" BORE
CHUCK & ADAPTER



REQUIRES HOLE
PATTERN PLATTER
& 2.5" RISER

LT260 – Overview

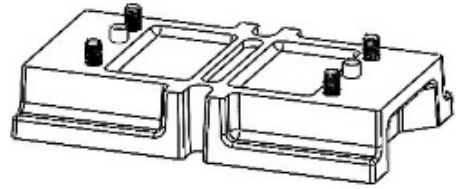
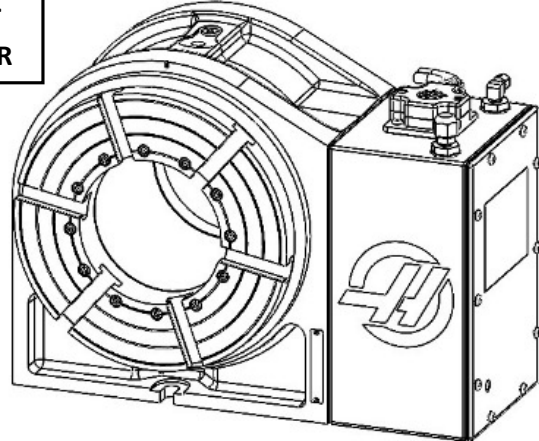
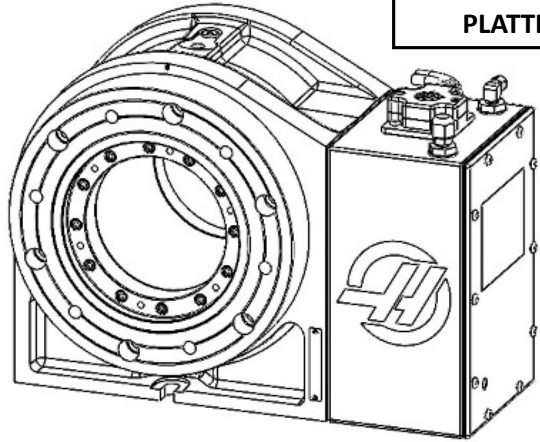


LT260 – Options

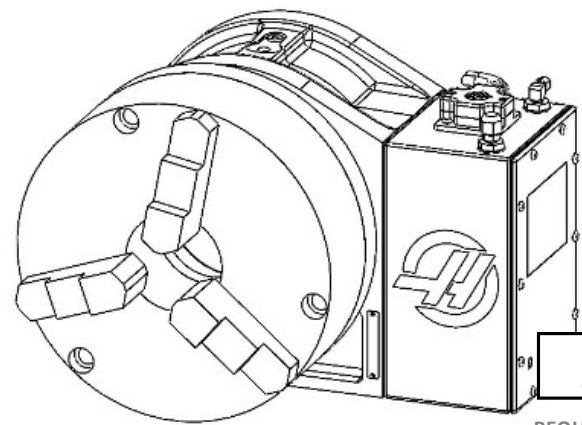


**HOLE PATTERN
PLATTER**

**T-SLOT
PLATTER**

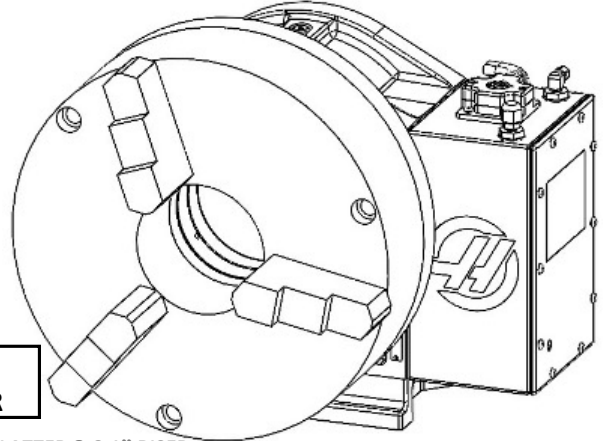


2.1" RISER



**12" OD/3.9" BORE
CHUCK & ADAPTER**

REQUIRES HOLE PATTERN PLATTER



**16" OD/5.4" BORE
CHUCK & ADAPTER**

REQUIRES HOLE PATTERN PLATTER & 2.1" RISER

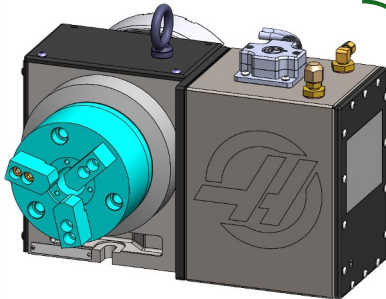
HQDA5 – Overview

"Haas Quick Drawbar, A5"

59-1810 POWER CHUCK 5-

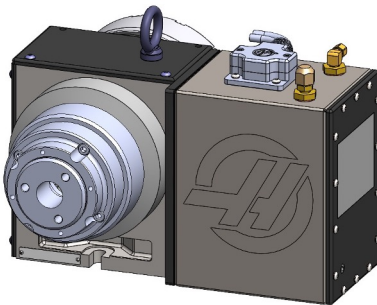
35 3 JAW A2-5 M35

- Max. input force 3934 lbf
- 10mm [.39"] full stroke



04-0299 HCB42-A5

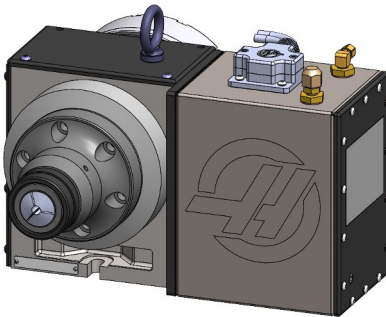
- Max. input force 7710 lbf
- 4.5mm [.18"] full stroke



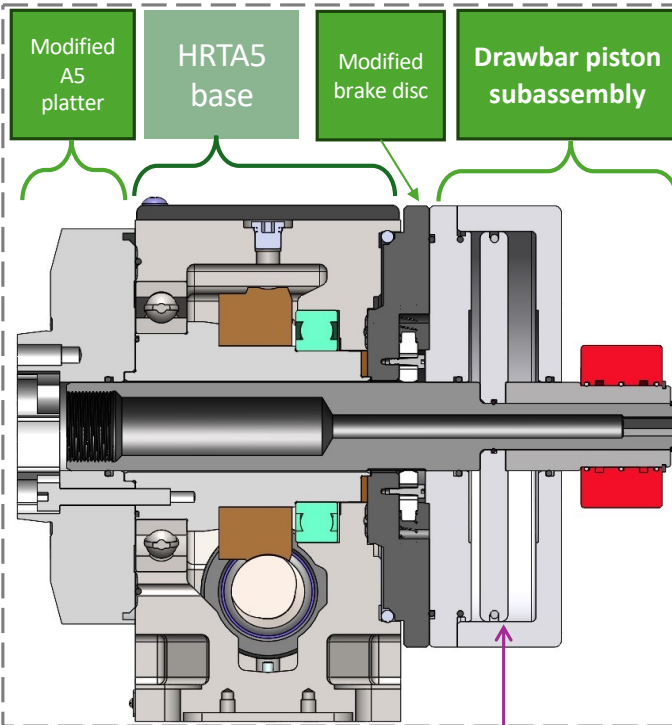
5C collet chuck, A2-5

3J collet chuck, A2-5

16C collet chuck, A2-5

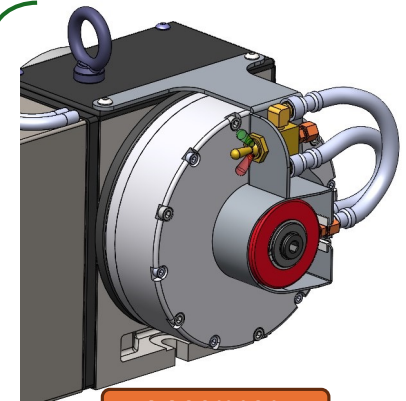


WORKHOLDING OPTIONS



.625" stroke
Up to 3900 lbs. push & pull force at 120 psi air pressure

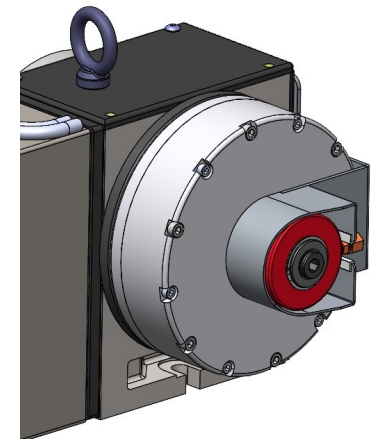
ACTUATION STYLE



MANUAL

OR

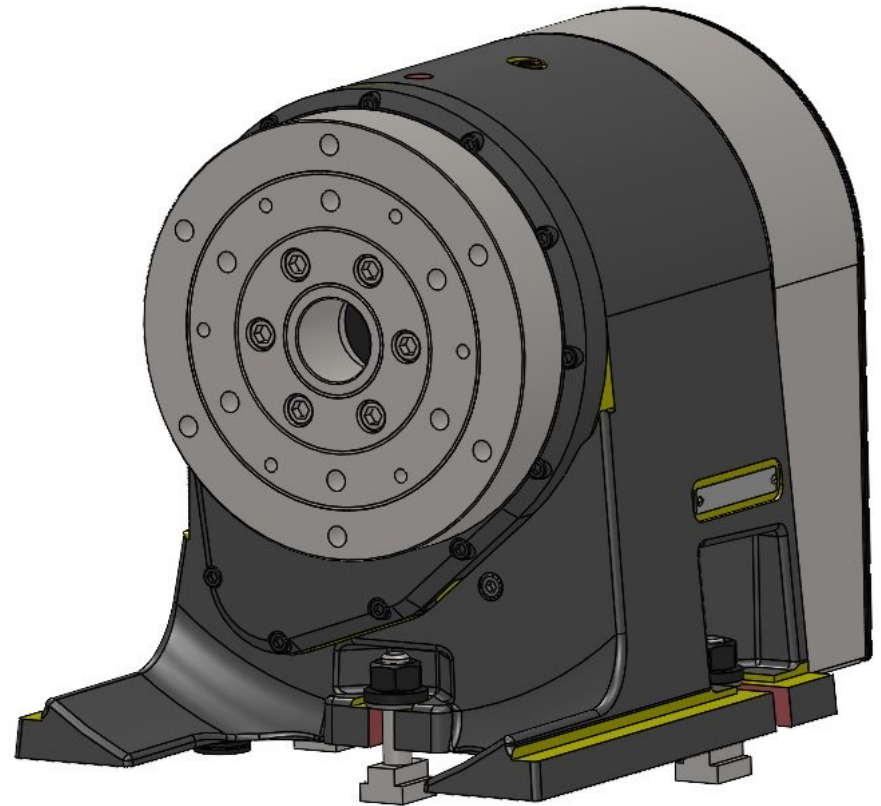
AUTOMATIC



HRT200HS



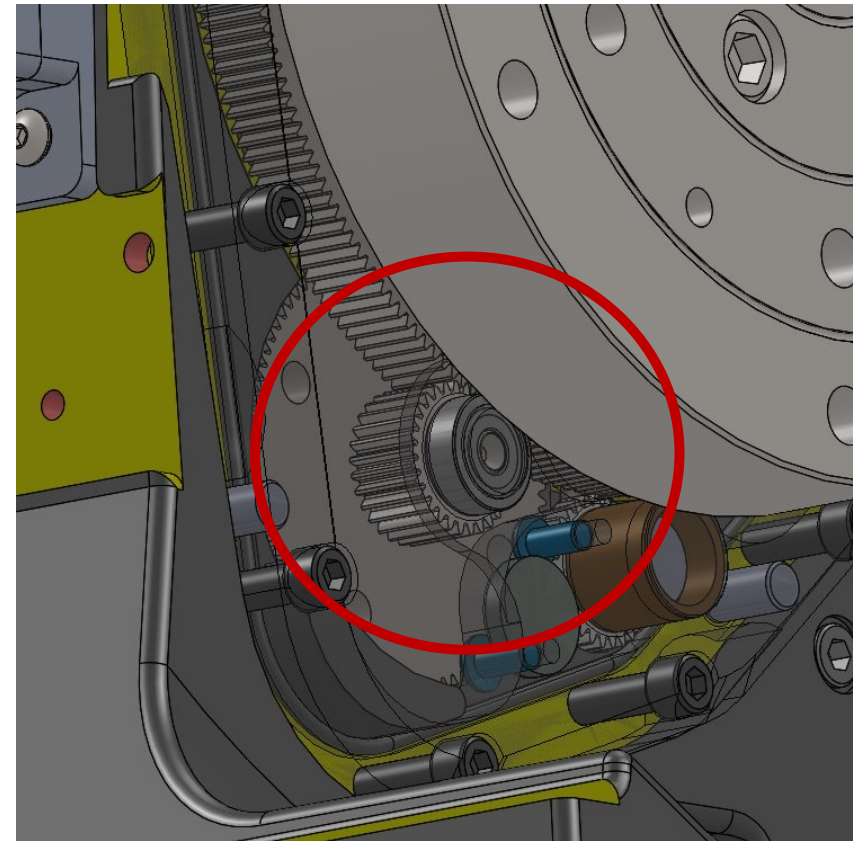
- Result of request from customers for 1,000 deg/sec rotary
- Fastest single-axis rotary table made by Haas, 100% faster than the next closest rotary table, HRT210SS
- Good for light cutting of low-inertia parts and 3+1 parts
- Compact design, so machine table is free for vises and other fixtures
- Fully supported, so fixtures can stay on rotary when removed from machine



HRT200HS



- HIGH SPEED 1000°/SEC INDEXING SPEED (166 RPM)
- MAX PLATTER TORQUE 105 FT-LBS (142 NM)
- MAX PART SWING WITH RISER 15.75" (400MM)
- ID 1.5" (38.1MM)
- EQUIPPED WITH AN AIR BRAKE 100 FT-LB (73NM)
- OPTIONAL AIR DOUBLER
- SCALE OPTIONAL
- COMPACT DESIGN
- HARDENED AND GROUND SPUR GEARS (24:1)
- OIL FILM DAMPING PLATTER DESIGN
- HI SPEED TEFLON PLATTER SEAL
- CONTINUOUS ROTATION
- CAN BE USED WITH A TAILSTOCK WITH (7.5" CENTER HEIGHT)

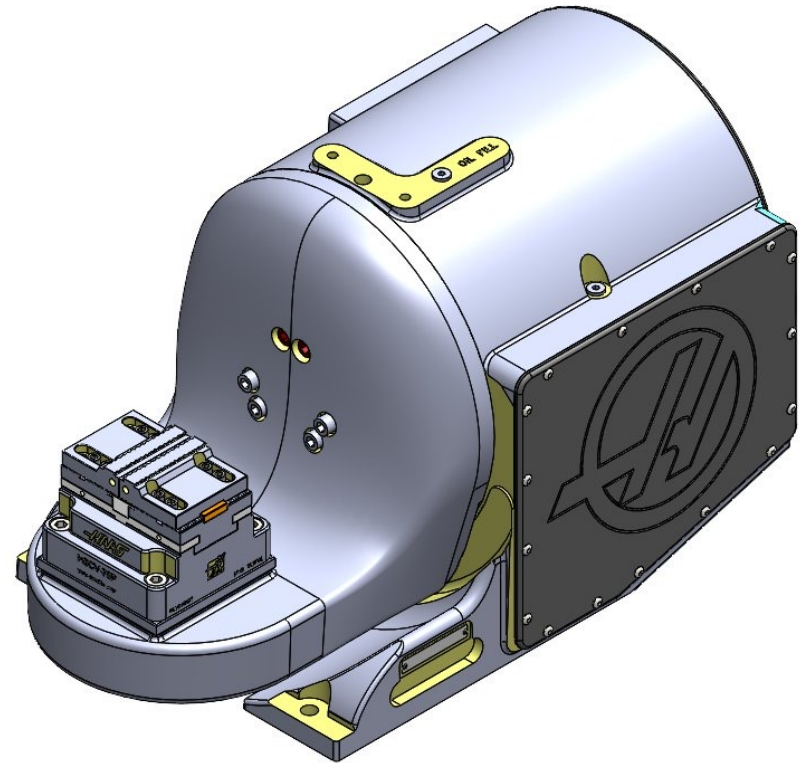


Spur Gear Drive

HRT210VM – Vise Mount



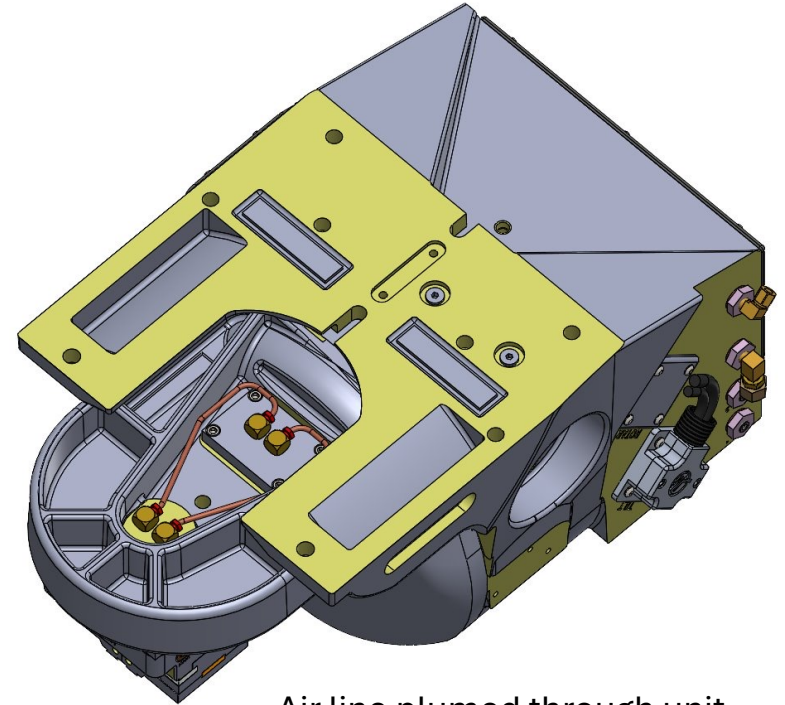
- Cost effective alternative to full 5th-axis table
- Good entry-level tilt-style rotary, possible gateway to full 5th-axis products
- Comes pre-assembled, pre-plumbed with either manual or machine controlled pneumatic vise
- Compact design, so machining table is free for vises and other fixtures
- Solid worm drive rotary table for heavy milling and drilling
- Fully supported, so fixtures can stay on rotary when removed from machine



HRT210VM – Vise Mount

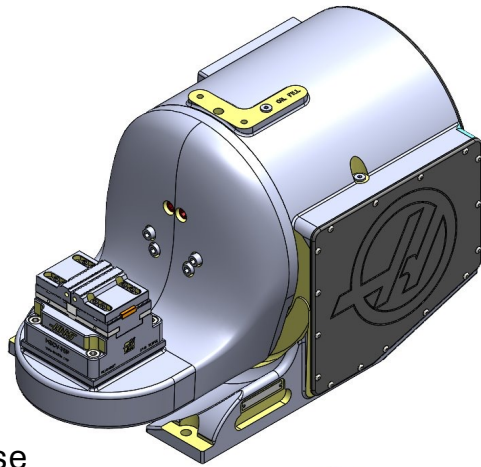


- SINGLE AXIS (TILT) ONLY (SAME AS TRT210)
- SPEED 80°/SEC
- HIGH TORQUE WORM DRIVE 300 FT-LB (406 NM)
- AIR BRAKE 425 FT-LB (576 NM)
- OPTIONAL AIR DOUBLER
- PNEUMATIC VISE STANDARD 3" (75MM)
- MANUAL OR CONTROL ACTUATED VISE
- SEVERAL MANUAL VISES OPTIONAL

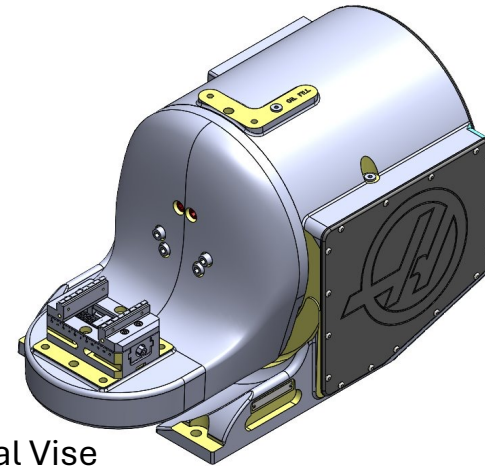


Air line plumed through unit

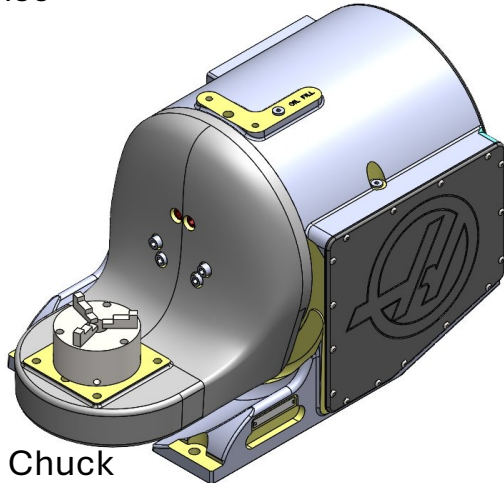
HRT210VM – Work Holding Options



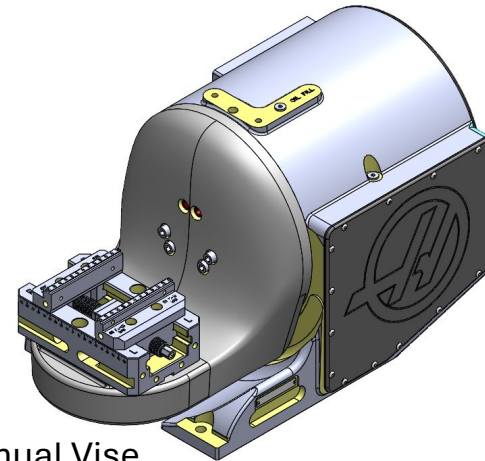
75mm Air Vice



75mm Manual Vice

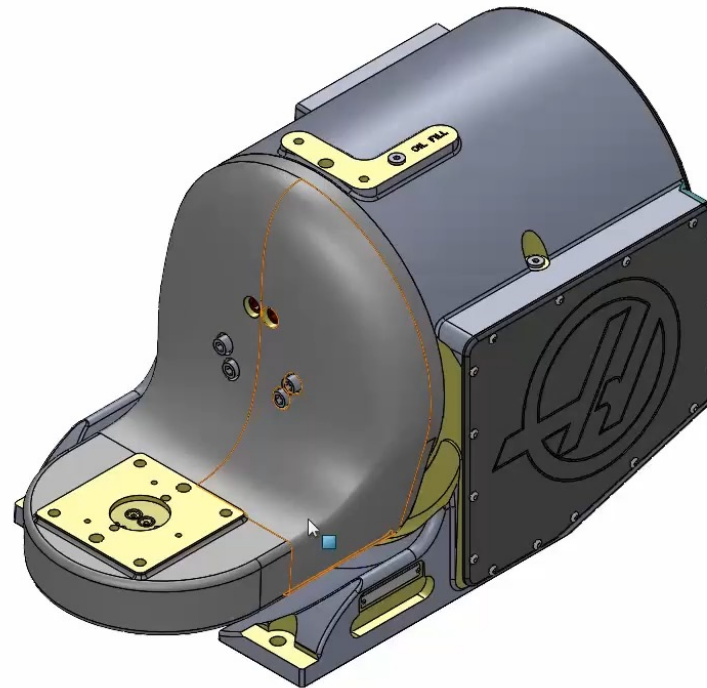


4" Manual Chuck



130mm Manual Vice

HRT210VM



Naked Machines

DC-1 *Example of Naked Machine*



- What it comes with from supplier:
 - THK, HIWIN, or Rexroth linear guides and ballscrews
 - Spindle
 - Tool changer
 - Oil lubrication system
 - Coolant tank
- What we add at the factory (Haas IP)
 - Haas CNC control
 - Spindle motor & servomotors
 - Spindle chiller
 - Solenoids and manifold for lube
 - TSC system (union and pump)
 - Flood coolant pump (VFD, HCFP)
 - Work lights
 - Auto window
 - Haas convenience package



DC Machines



- DC-1
 - 92 sold
 - \$65,995



- DC-2
 - 13 sold
 - \$85,995



- DC-1/40
 - 14 sold
 - \$69,995



- DC-2/40
 - 3 sold
 - \$89,995



- DC-3
 - \$109,995



- DC-4
 - 3 sold
 - \$149,995



- **125 sold in total**

DC-3 and DC-4



- \$109,995
- 78" X-travel



DC-3/40 Drill Center

Starting Price: US\$109,995

The DC-3/40 is a gantry-style drill/tap machine with 78.7" (2000 mm) of X-axis travel to accommodate long, narrow parts or high-density production setups. The machine's gantry-style spindle head travels in the X and Z axes, while the table travels in Y, and is fully supported along its length to handle heavier loads.

The machine is equipped with a 10,000-rpm 40-taper spindle and high-speed turret-style tool changer to minimize cut-to-cut times and shorten cycle times. Choose the optional 12,000-rpm or 15000-rpm spindle to cut production times even further.

- \$149,995
- 98" X-travel



DC-4/40 Drill Center

Starting Price: US\$149,995

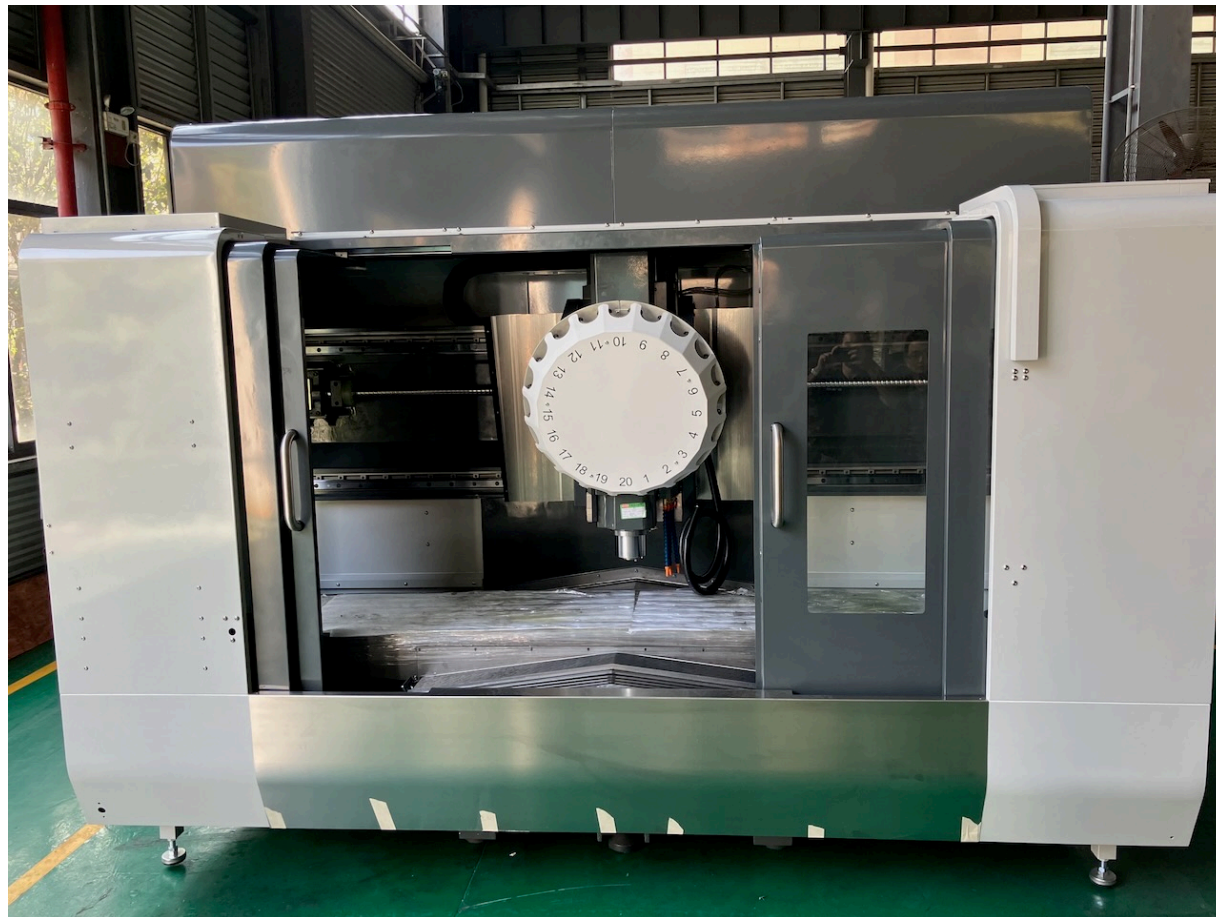
The DC-4/40 is a gantry-style drill/tap machine with 98.4" (2500 mm) of X-axis travel to accommodate long, narrow parts or high-density production setups. The machine's gantry-style spindle head travels in the X and Z axes, while the table travels in Y, and is fully supported along its length to handle heavier loads.

The machine is equipped with a 10,000-rpm 40-taper spindle and high-speed turret-style tool changer to minimize cut-to-cut times and shorten cycle times. Choose the optional 12,000-rpm or 15000-rpm spindle to cut production times even further.

Well suited to the construction, automotive, and aviation industries, the DC-4/40 can process parts more than 8 ft (2.5 m) long and 1.6 ft (0.5 m) wide, in a variety of shapes and profiles, such as long extrusions, steel channel, angle iron, and pipe.

- 98.4" (2500 mm) X travel to handle long parts and high-density setups
- 10,000-rpm 40-taper spindle (12,000-rpm or 15,000-rpm available)
- High-speed turret-style tool changer, 20 tools
- Rear chip discharge with front chip flush

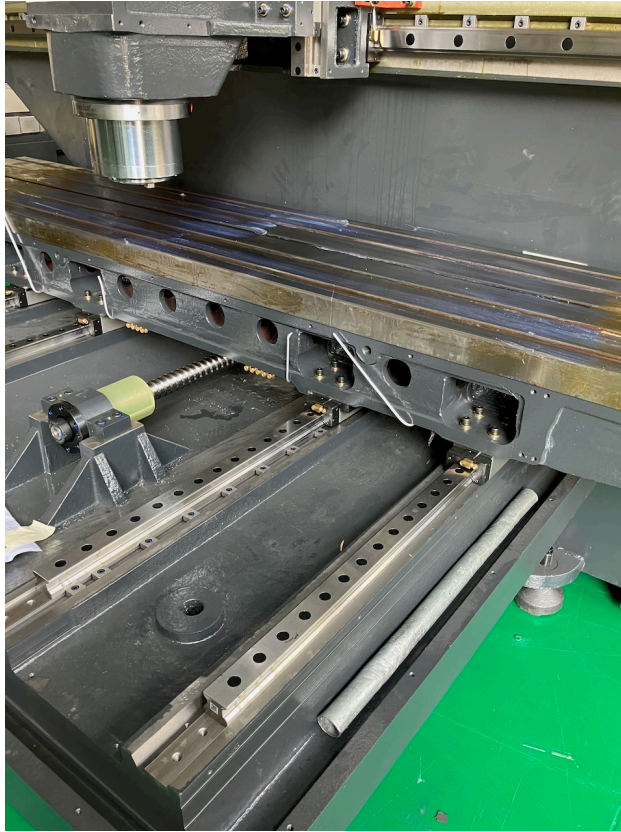
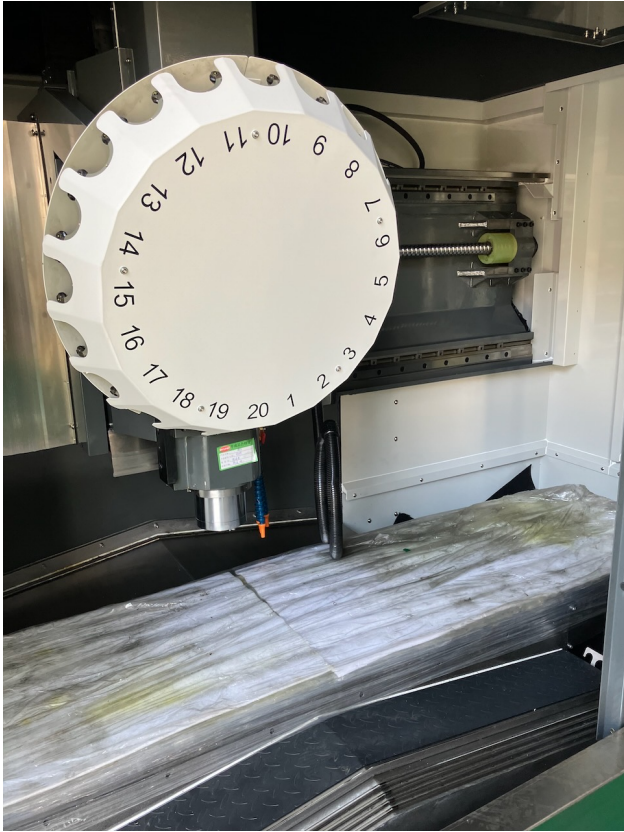
DC-4



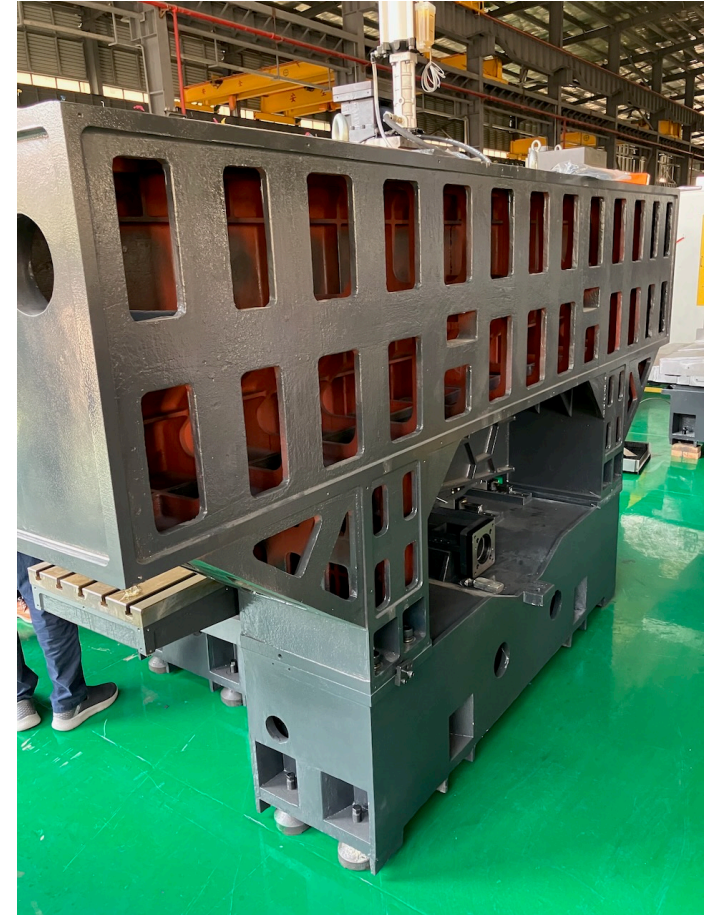
DC-4



DC-4



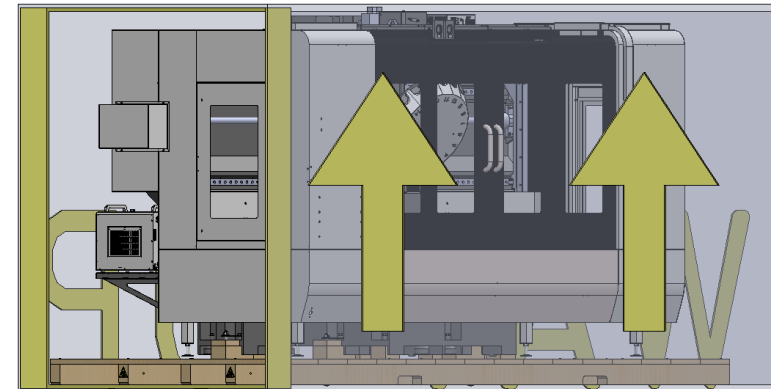
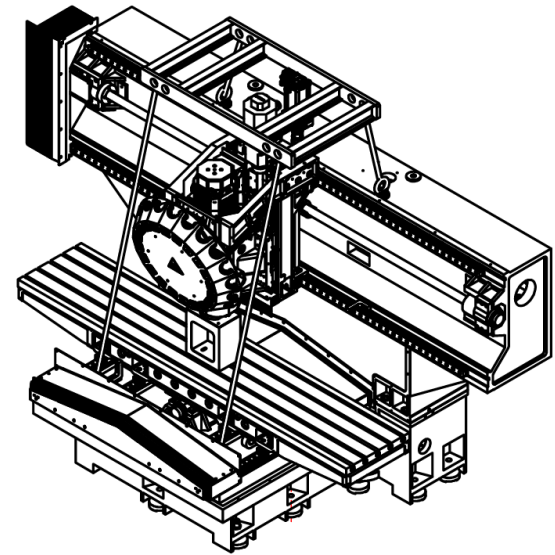
DC-4



DC-3 and DC-4



- Coolant capacity: 90 gal
- Standard dual multistage pump
 - Independent pump for flood & shower coolant
- Enclosure exhaust system compatible
- Pneumatically controlled drawbar
- Forklift recommended for handling as first choice, but machine has lift features
- Will fit in shipping container
 - with component removal
 - Roof & coolant tank to be shipped on separate pallet
 - TRP booster cylinder unmounted
 - Lay Z axis cable carrier flat on rear end
 - Pendant removed



SB-28Y

- 8 sold
- Shipping now



ALL NEW



SB-28Y BOX WAY LATHE

**Y-AXIS CNC BOX WAY LATHE WITH 12" X 18.5" MAX CAPACITY,
A2-8, 2.95" BAR CAPACITY, AND 4K RPM LIVE TOOLING STANDARD**

Haas SB Series lathes offer the high dynamic stiffness, load-bearing capacity, and vibration damping associated with traditional box way machines, combined with the powerful, easy-to-use Haas control, and backed by the industry-leading support of the Haas Factory Outlet network.

Scan here or contact your local HFO for more details.



STARTING AT:

\$136,995

BY THE NUMBERS

A2-8
SPINDLE

10"
CHUCK SIZE

3200
RPM

40
HP

BMT65
LIVE TOOLING STANDARD

12" x 18.5"
MAX CAPACITY (DIA. x LENGTH)

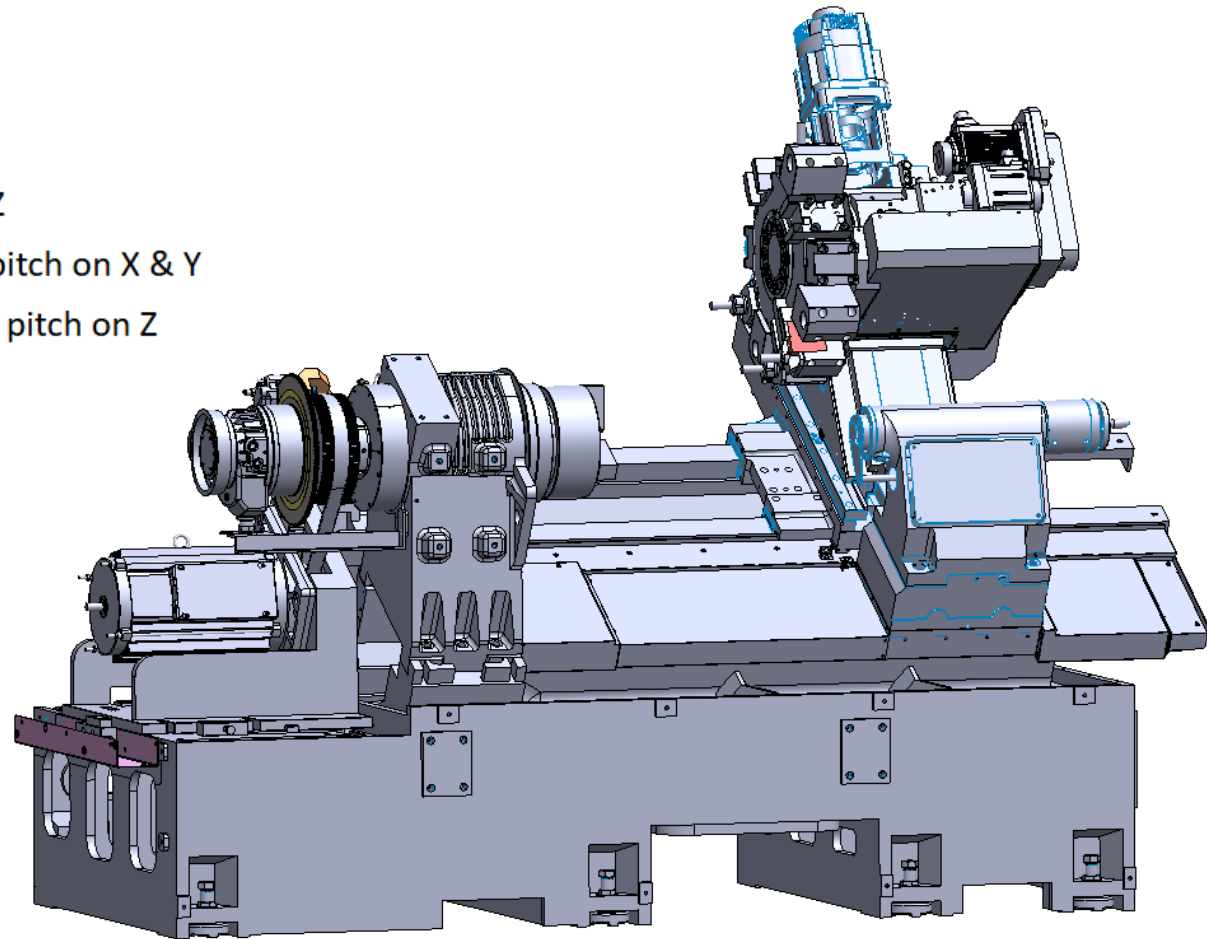
2.95"
BAR CAPACITY

Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment. Actual product appearance may differ. Pricing subject to change without notice.

SB-28Y

Servos & ballscrews

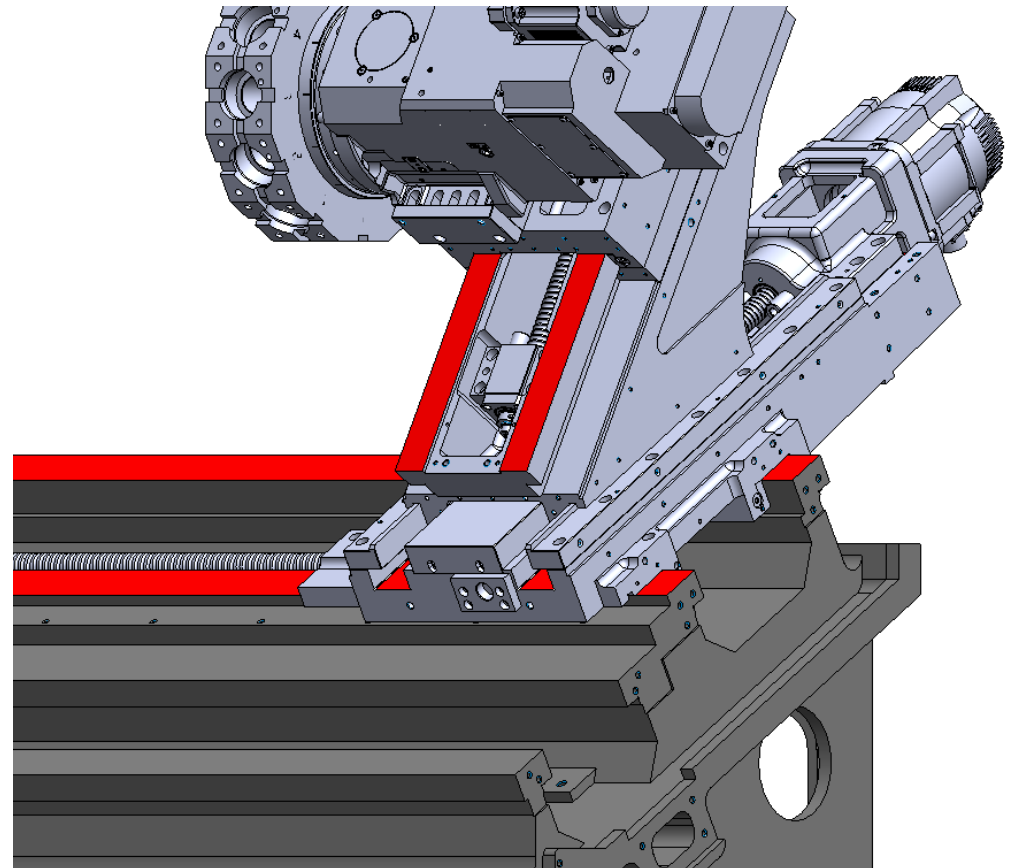
1. Size 20 motors on X, Y & Z
2. $\text{Ø}32\text{mm}$ ballscrew, 8mm pitch on X & Y
3. $\text{Ø}40\text{mm}$ ballscrew, 10mm pitch on Z



SB-28Y



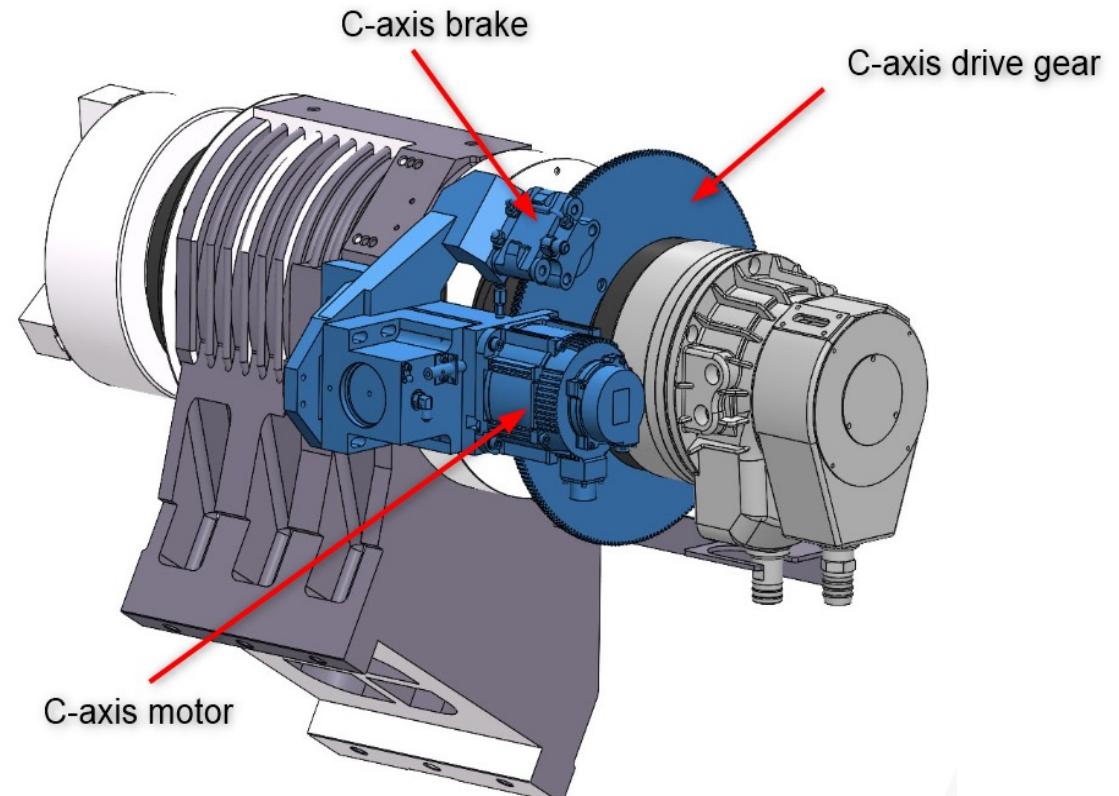
- 30 deg Y-axis angle plus 30 deg bed angle, total slant on X-axis 60 deg
- Turcite-B slideways
- Hardened & ground ways
- Class 30 cast iron



SB-28Y C-Axis



- Haas designed and built
- Same as ST series
- Common components



SB-28Y T/S Operation

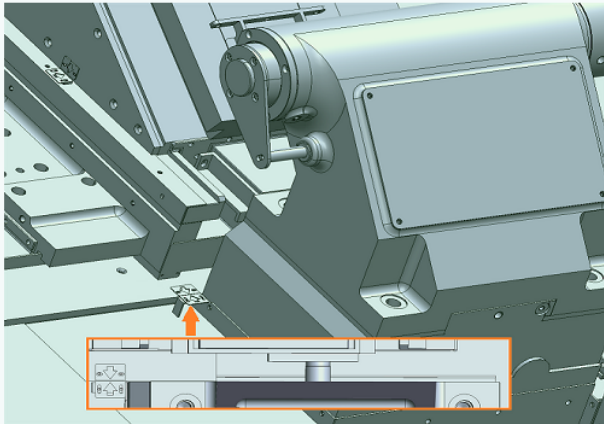


- M321 (P)
 - Tailstock engage and position
- M322
 - Engaging and parking the tailstock back home
- M21
 - Quill forward
- M22
 - Quill retract

Current Commands

Devices Timers Macro Vars Active Codes Tools Plane Calculator Media

Mechanisms Tailstock



F2 Tailstock Position Recovery

F3 Engage Tailstock

F4 Extend Quill

INSERT Extend Shotpin

Setting	Name	Value
448	Tailstock Engagement Tool Number	7
446	Tailstock Engagement X Position	0.0000
447	Tailstock Engagement Y Position	0.0000
341	Tailstock Rapid Position	-5.0000
105	Tailstock Retract Distance	2.0000
145	Tailstock At Part For Cyclestart	Off
322	Foot Pedal Tailstock Alarm	Off
332	Tailstock Foot Pedal Lockout	Off
	Tailstock Position Tracking	Known

SB-28Y

- BMT65 live tooling
 - 4k standard
 - 6k optional
- Expanding the line up
 - A2-8, 12" chuck, 3.6" bore
 - SB-35Y – 27" turn length
 - SB-35LY – 47" turn length
- Non Y-axis versions
 - SB-28
 - SB-35
 - SB-35L
- Additional models available Q3-2025

You Asked, We Delivered: **CNC Box Way Lathes for Heavy Turning.**



10"
CHUCK SIZE

2.95"
BAR CAPACITY

3200
RPM

40
HP



BOX WAY CONSTRUCTION

- Hardened and precision ground ways
- Flame and induction hardened slide surfaces
- Hand-scraped Turcite-B slideways on the X and Y axes, and tailstock gib



Our SB Series boxway lathes are equipped with the same powerful, easy-to-use Haas Control found on every machine we build. Designed and built in-house – hardware and software – the Haas control is optimized specifically for Haas machine tools. It comes standard on every machine we sell, and is the same across the entire product line.



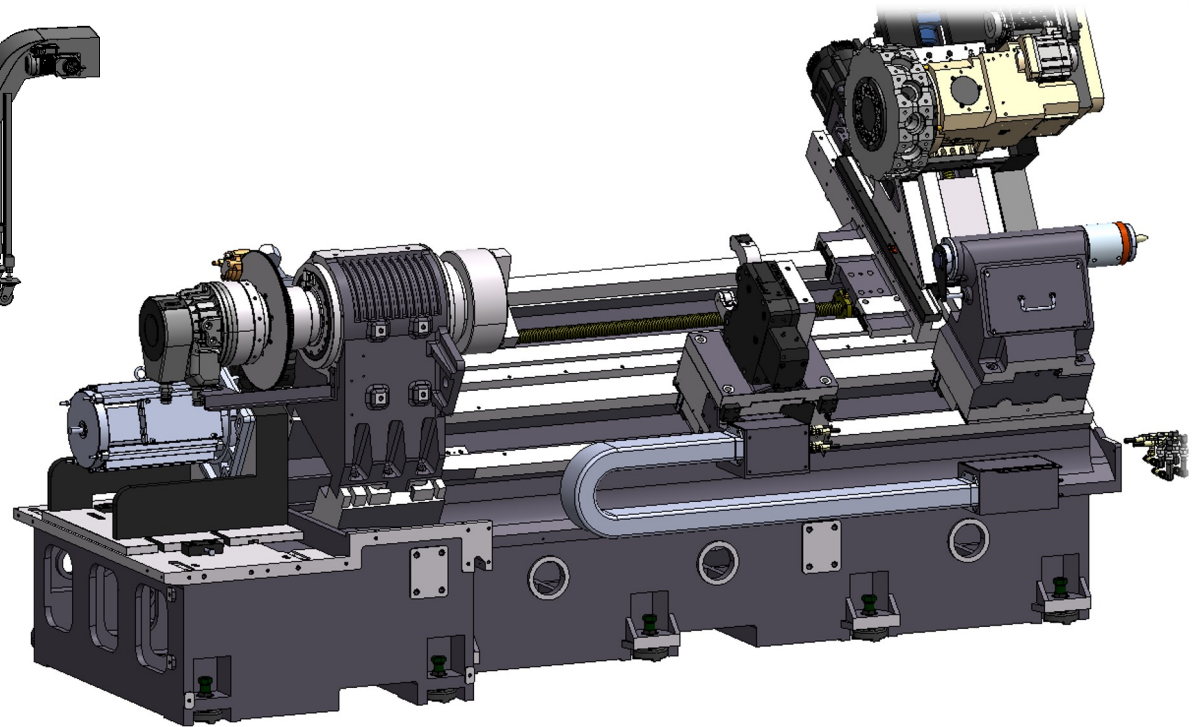
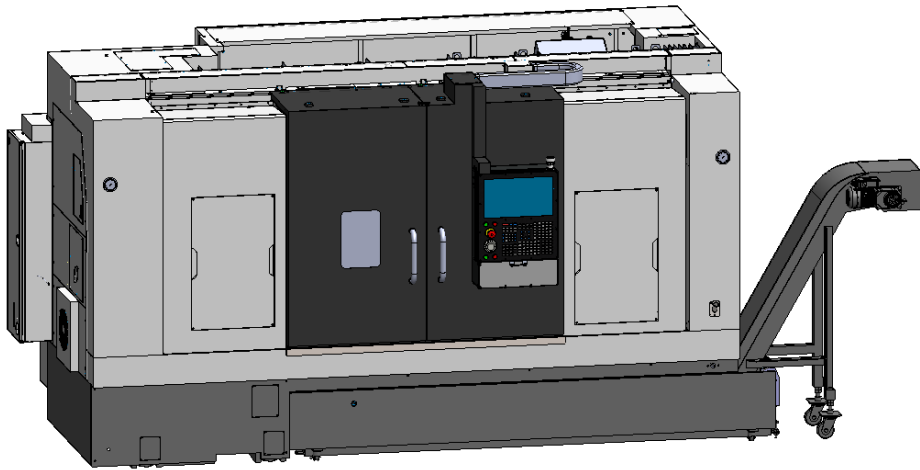
Each SB Series lathe is equipped with a robust 12-station BMT65 turret that accepts industry-standard base-mount tooling, as well as axial and radial driven live tools for secondary milling, drilling, and tapping operations.

30° SLANT-BED BASE CASTING WITH 30° Y-AXIS ANGLE FOR 60° TOTAL

All SB Series box way lathes feature a true slant-bed design that provides excellent rigidity and thermal stability, as well as efficient chip evacuation. The slant bed also allows generous X-axis travel in a smaller footprint, and provides a sturdy base to support the turret along the entire Z-axis.



More Box Way Lathes



Additional Box Way Models En Route

SB-28 – 3 due October

SB-28Y – 18 due July

SB-35 – 3 due October

SB-35L – 3 due October

SB-35Y – 3 due October

SB-35LY – 3 due October

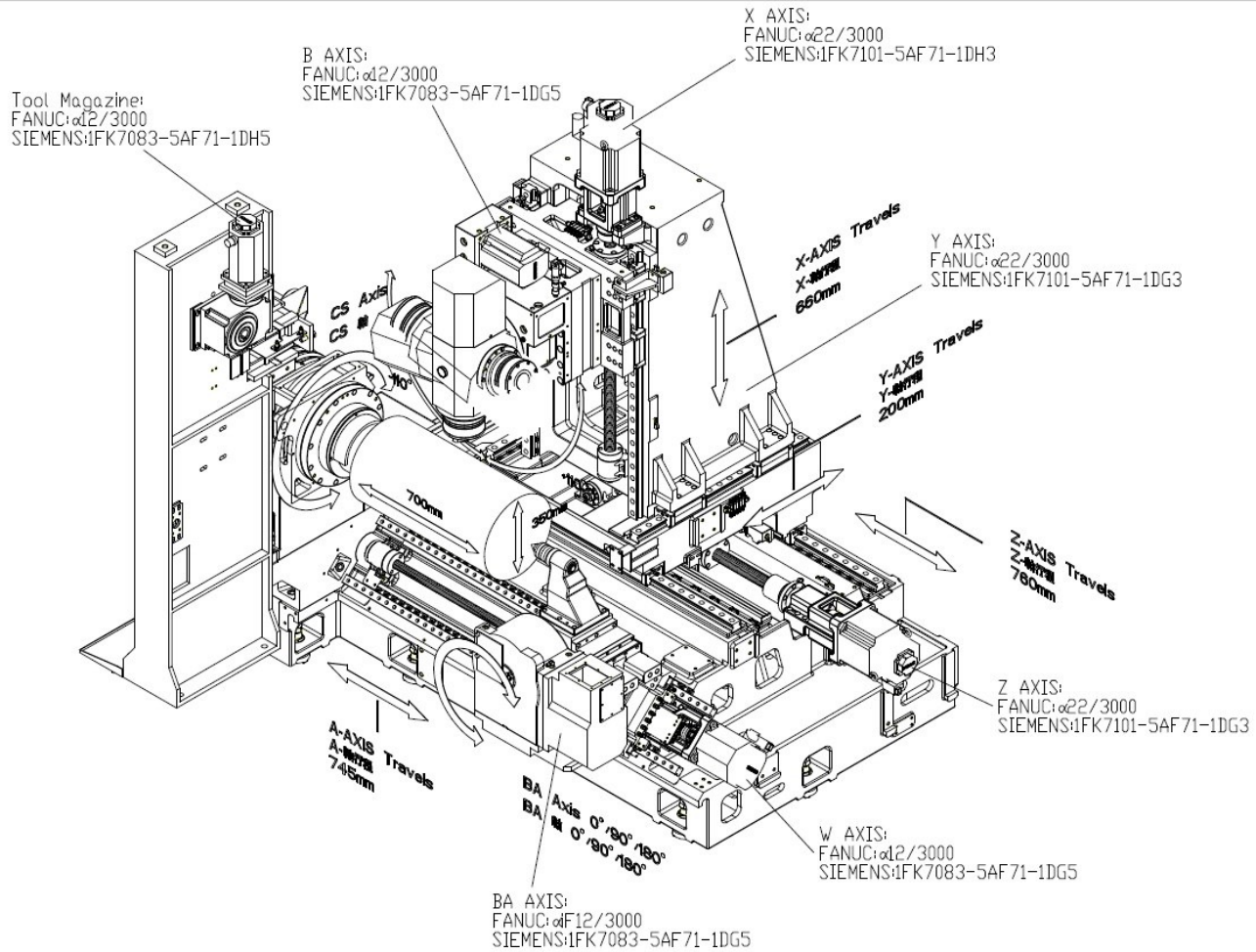
SB-28Y



- Cuts the same as a ST-35Y
 - Side by side comparison cuts
- More forgiving for a ‘sloppy’ set up
- Who to sell this to?
 - “I want a box way”
 - “I need a heavy machine”
- Other considerations
 - Standard w/ a conveyor, non-Haas
 - Non-Haas coolant tank, removes from the rear
 - No parts catcher
 - Drag style tailstock
 - Why 2.95” on drawtube ID?
 - Still has box way limitations



Mill Turn



Sheet Routers



- **SR-3015 Haas Router**

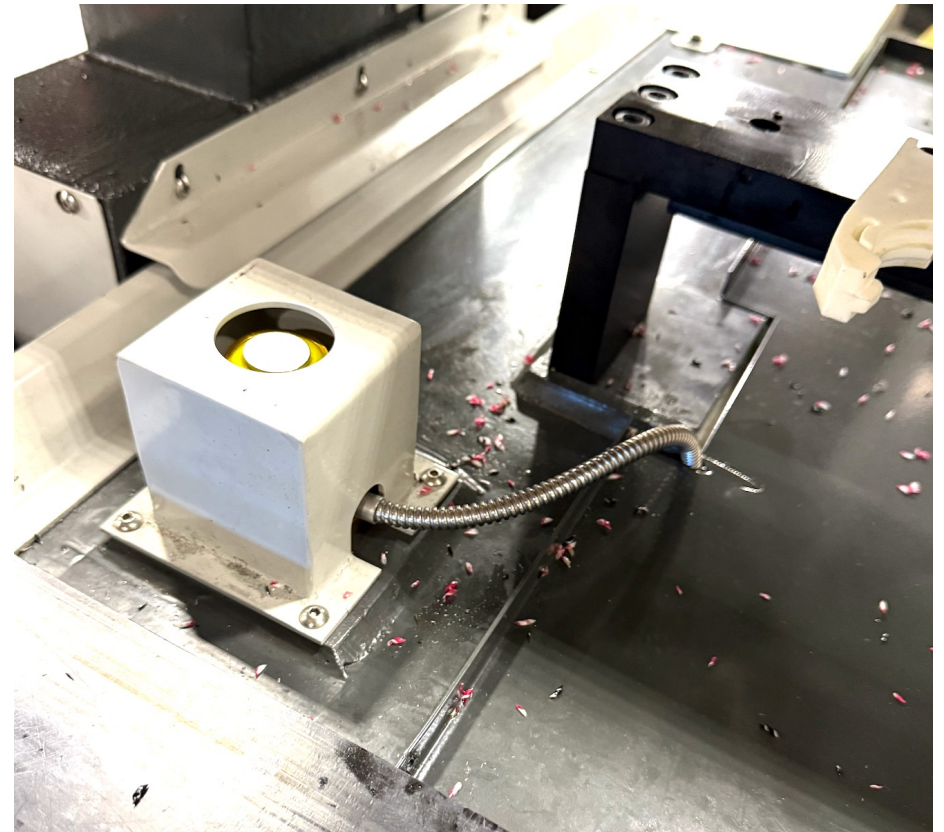
- Sheet router for non-metallic materials
 - Haas stepper CNC control
 - 3000 x 1500 x 200 mm travels
 - 4.5 kW, ER32 air-cooled spindle
 - Dust collection system and tool setter standard
- 12 sold

- **SR-3015P Production Version**

- Haas servo CNC control
- BT30 spindle
- Rack-style tool changer
- Vacuum table
- 23 sold



SR-3015P



Tool Setter

SR-4020 and SR-4020P



- SR-4020
 - Larger version of SR-3015
 - 4m x 2m
 - Haas stepper control
 - 1 sold
- SR-4020P
 - Larger version of SR-3015P
 - 4m x 2m
 - Haas servo control
 - BT30
 - 8-station wine rack tool changer
- Available now



Branded Machines

HKM-1 (Haas Knee Mill)



- Traditional knee mill
 - 32.7" x 12" x 16" travels
 - Var speed R8 spindle, 4500 rpm, 5 hp
 - Pneumatic power drawbar
 - X-axis power feed w/clutch handles
 - XY DRO
 - Coolant system w/chip tray
 - Auto lube system
- \$25,995
 - 40 sold
- Shipping now
- CE version coming Q3



HML-1 (Haas Manual Lathe)



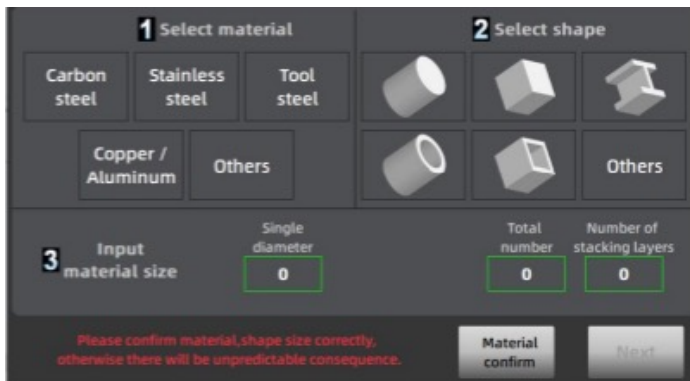
- Haas Manual Lathe
 - 14" x 39"
 - D1-6 spindle 1,800 rpm
 - 9" chuck, 2" bore
 - Tailstock
 - 4-way tool post
 - Steady rest
 - DRO
 - Chuck guard
- Price list July 1 for US/CA/MX
- \$25,995
- 1 sold



Band Saw



- HAB-3232 Haas Band Saw
 - 12.6" x 12.6" capacity
 - Easy-to-use touchscreen interface
 - \$39,995
 - 78 sold



More Band Saws



- HVS-1

- Vertical band saw
- \$14,995
- July 1 price list (US/CA/MX)
- Q3 deliveries

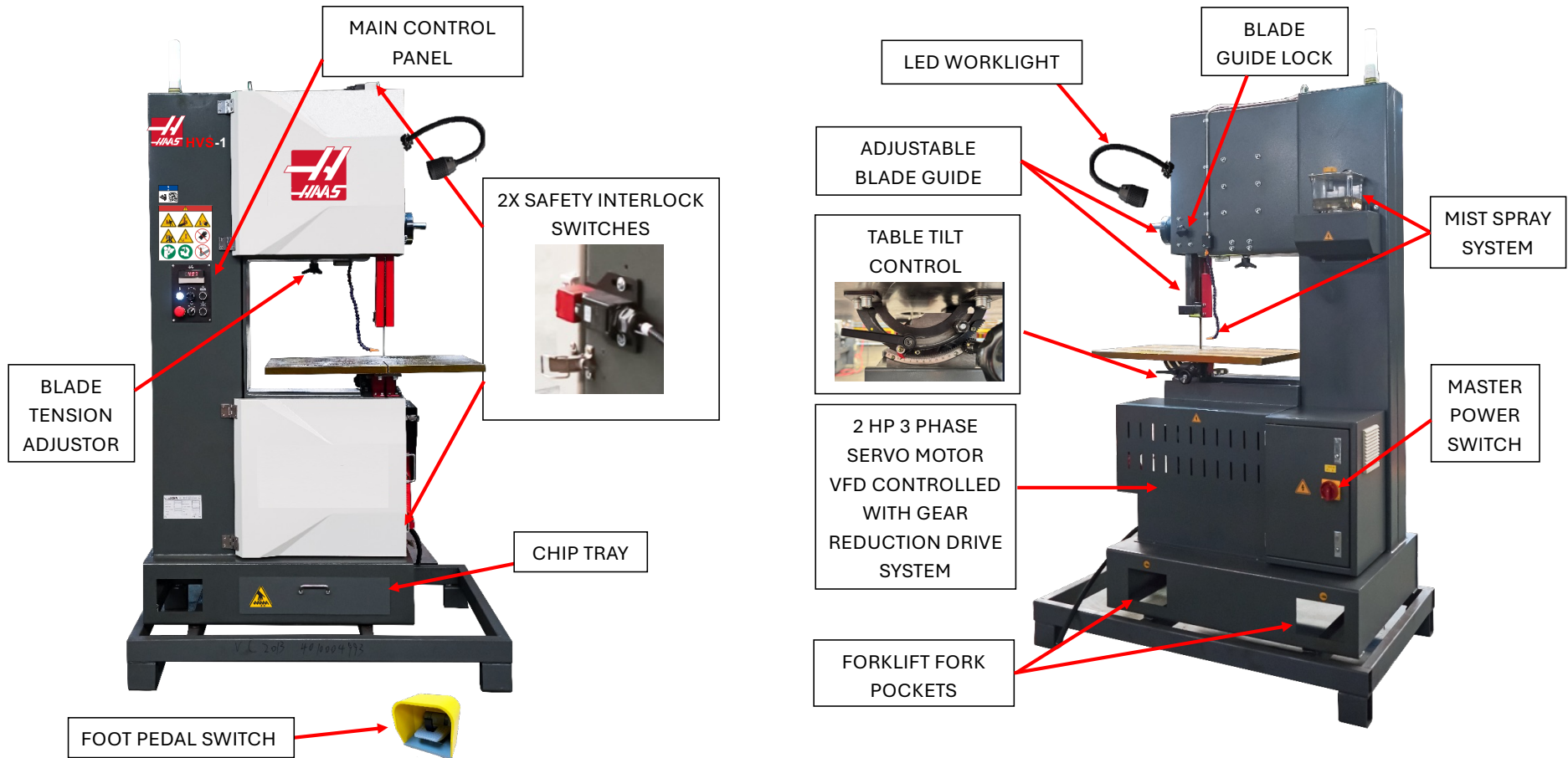


- HMS-3123

- Mitering horizontal band saw
- \$12,995
- July 1 price list (US/CA/MX)
- Q3 deliveries



HVS-1



HVS-1



Cutting capacity

- Right 35° from 0°
- Left 15° from 0°
- 0° Height: 13" (330mm)
- 0° Width: 20" (510mm)

Band Saw Blade Specification

- 154" x 0.35" x 1.1"
- (3912 x (9-27)mm)

Cutting Speed

- 98-984 ft-min (30 – 300 m/min)

Workbench Size

- 31.5" x 19.7" (800 x 500 mm)

Main Drive Method

- Servomotor + Reducer

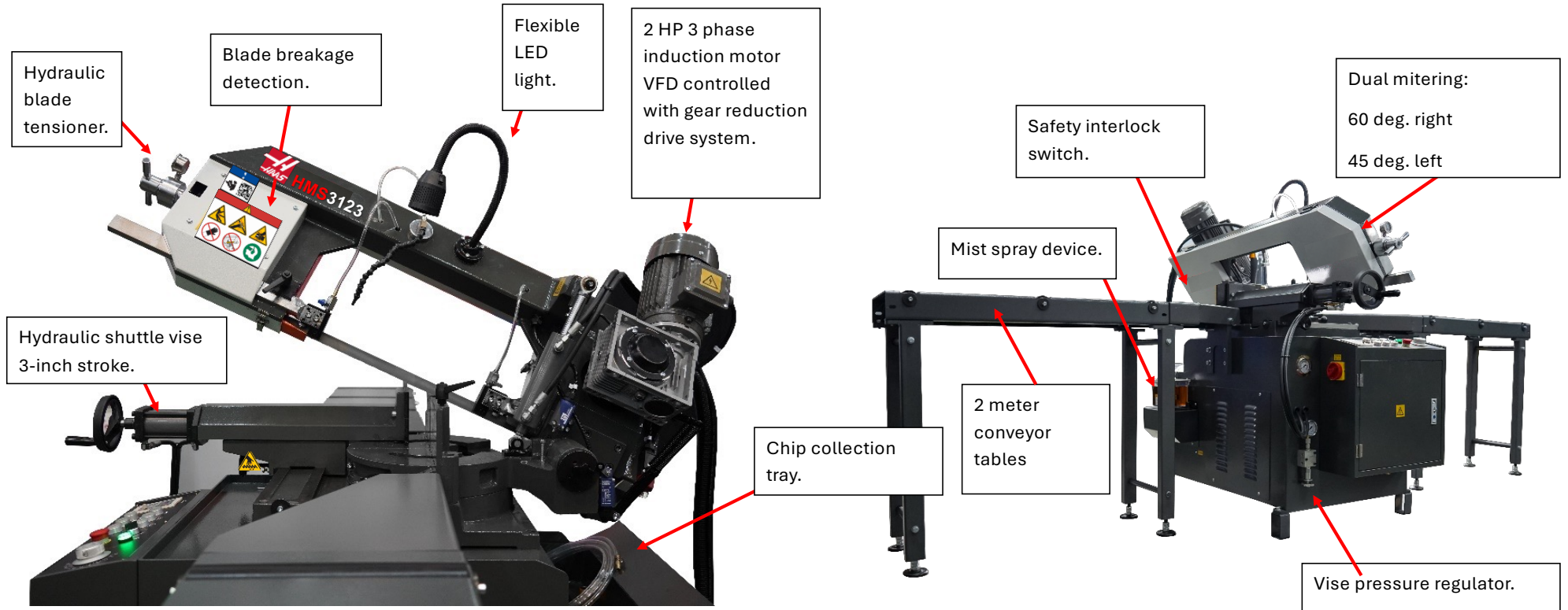
Main Motor Power

- 2 hp (1.5 kW)
- Power Specifications:
- 220VAC, 3 Phase, 60 Hz, 9 FLA

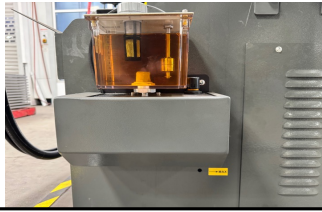
Machine Weight

- 1168 lb (530 kg)

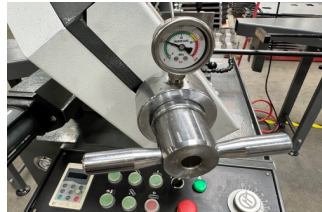
HMS-3123



HMS-3123



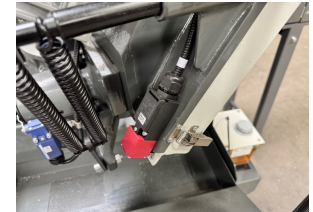
MIST SYSTEM



BLADE TENSION ADJUSTOR & GAUGE



MITER ANGLE ADJUSTMENT



BLADE CABINET SAFETY INTERLOCK



MASTER POWER SWITCH



MAIN CONTROL PANEL



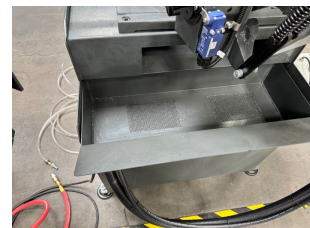
BLADE FEED & RETRACT LIMIT SWITCHES



HYDRAULIC SYSTEM REGULATOR & GAUGE



HYDRAULIC, SHORT-STROKE PART CLAMP



REMOVABLE CHIP BIN



ADJUSTABLE WORKPIECE HARD STOP

HMS-3123



- Cut range @ 90°, round: Ø9" (Ø230mm)
- Cut range @ 90°, square (W x H): 12.2" x 9" (310 x 230mm)
- Cut range @ 45°, round: Ø8.3" (Ø210mm)
- Cut range @ 45°, square (W x H): 8.3" x 8.3" (210 x 210mm)
- Cut range @ 60°, round: Ø5.5" (Ø140mm)
- Cut range @ 60°, square (W x H): 5.5" x 5.5" (140 x 140mm)
- Saw blade dimensions: 114.6" x 1.06" x 0.03" (2910 x 27 x 0.9mm)
- Cutting speed (infinitely variable): 65.6 - 262.4 ft-min (20 - 80m-min)
- Saw feed speed: 0.04 – 11.8 in/min (1 – 300 mm/min)
- Saw motor power: 2 hp (1.5 kW)
- Hydraulic motor: 0.56 hp (0.42 kW)
- Total connected load: 2.8 hp (2.1 kW)
- Machine power: 220VAC, 60Hz, 3 Phase
- Total weight: 1102 lb (500 kg)

CMM



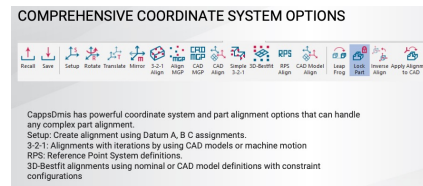
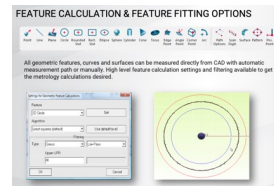
- HMM-430 Haas CMM

- Private labeled

- 400 x 430 x 350mm travels
- Renishaw linear scales 0.001mm (0.00004") all axes
- Renishaw MH20i probe and TP20 SF module
 - Servomotor driven
 - DIN 876 grade granite base
- Industry standard GeoCAD+ software
 - PC and 24" monitor included

- \$54,995

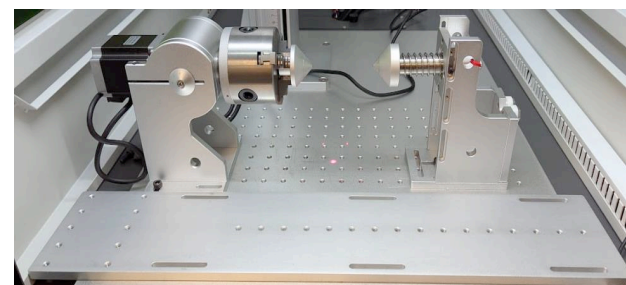
- 16 sold



HL50E Laser Marker



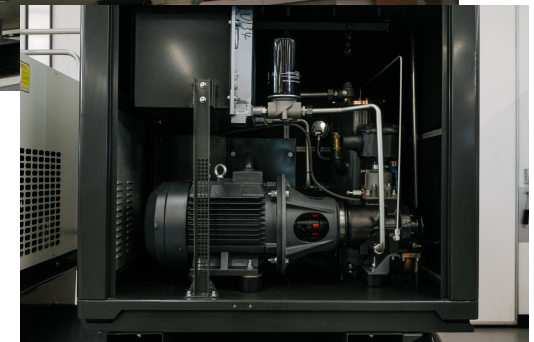
- Haas Laser Marker
 - Suitable for steel, alloy steel, stainless, brass, aluminum, iron, and some non-metal materials
 - 50W fiber laser, air-cooled
 - 50 x 50mm marking range
 - 142 sold
 - \$16,995.95
- 4th Axis option coming Aug 2025
 - Can be retrofitted
- 100+ on order
 - 20 in July
 - 30 in Aug



Air Compressor



- Haas Air Compressor
 - Private labeled
 - Rotary screw compressor
 - 15 hp
 - Includes
 - Refrigerated Air Dryer
 - Low price of \$9,995.95
 - 144 variable speed sold
 - 28 fixed speed sold
 - Already expanding to add larger units



More Air Compressors



HAC15 – 15hp

CFM @ Working Pressure:
64 CFM @ 102 psi
57 CFM @ 116 psi
53 CFM @ 145 psi
46 CFM @ 174 psi

Noise dB: 64
Outlet Dia. G3/4"
Weight: 1015 lb (460 kg)
Dimensions (L x W x H):
41.34" x 27.17" x 42.52"
Power: 220VAC, 3 Phase, 60Hz

HAC30 – 30hp

CFM @ Working Pressure:
131 CFM @ 102 psi
124 CFM @ 116 psi
110 CFM @ 145 psi
95 CFM @ 174 psi

Noise dB: 65
Outlet Dia. G1"
Weight: 1301 lb (590 kg)
Dimensions (L x W x H):
53.15" x 30.71" x 49.22"
Power: 220VAC, 3 Phase, 60Hz

HAC50 – 50hp

CFM @ Working Pressure:
230 CFM @ 102 psi
219 CFM @ 116 psi
198 CFM @ 145 psi
173 CFM @ 174 psi

Noise dB: 68
Outlet Dia. G1-1/2"
Weight: 2205 lb (1000 kg)
Dimensions (L x W x H):
55.91" x 35.43" x 56.10"
Power: 220VAC, 3 Phase, 60Hz

New Models Due Q3-2025

HAC30 – 30hp Compressor



- Larger version of 15hp compressore
- Integrated air tank

TANK MOUNTED,
REFRIGERATED
AIR DRYER



DIGITAL,
TOUCH-SCREEN
CONTROL
PANEL

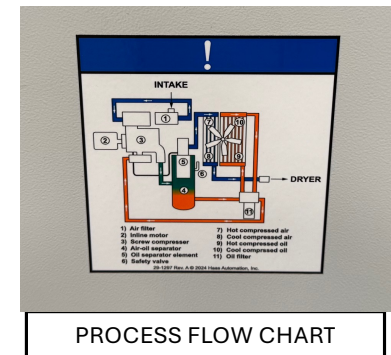
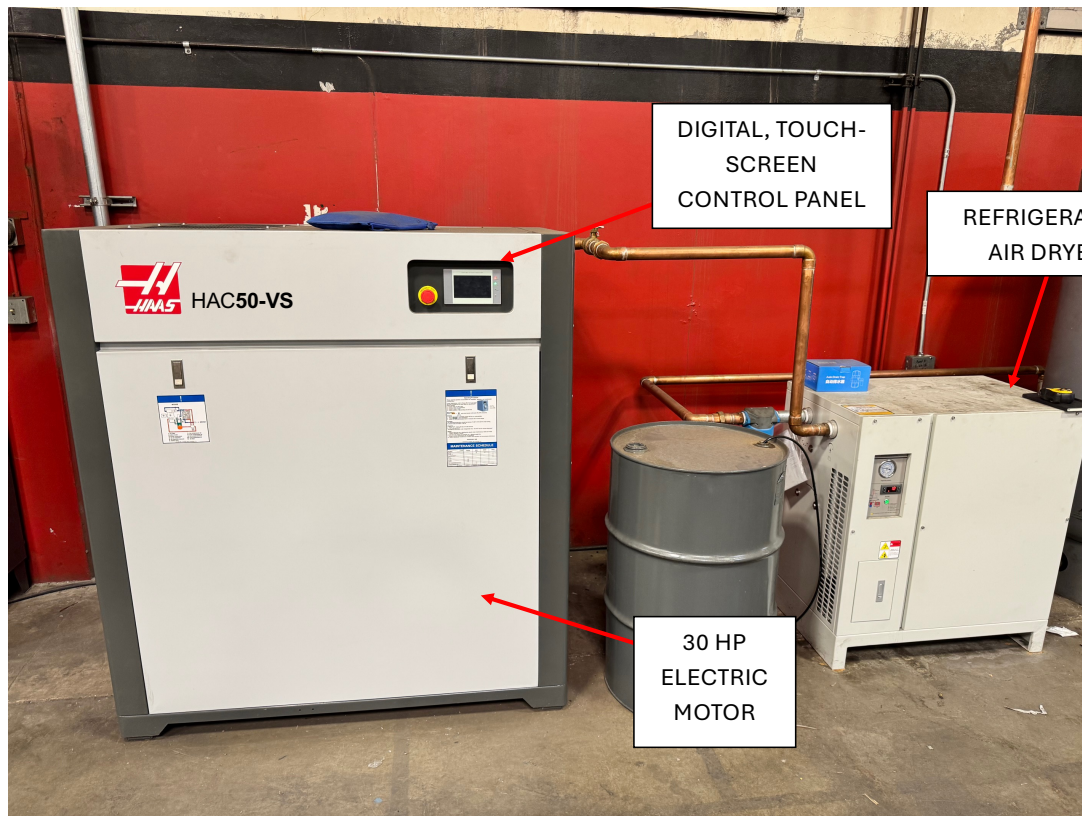


30 HP
ELECTRIC
MOTOR

HAC50 – 50hp Compressor



- Separate air tank



HTS600s (Larger Tool Presetters)



- HTS600 (400 x 600mm)
 - Tabletop
 - Pneumatic:
 - Axis Clamping
 - Interchangeable ISO/SK/BT 40, 50, HSK63a, HSK100
 - \$18,995.95
 - 4 sold
- HPTS600 (400 x 600mm)
 - Performance Model
 - Floor Unit
 - Pneumatic:
 - Pneumatic Tool Locking Mechanism Interlock System
 - Pneumatic Axis Clamping
 - Pneumatic Sleeve Rotation Brake Clamping
 - \$24,995.95
 - 5 sold
- HTS400
 - \$12,995.95
 - 232 sold



Tool Presetters

- HTS400
 - General job shop unit for 40T
 - Bench top
- HTS600
 - Larger 40T tools
 - Diameter and length
 - Free standing
 - Higher tool count capacity
- HPTS600
 - 50T unit
 - Free standing
 - Highest tool count capacity



TOOL PRESETTERS

Haas Tool Presetters, designed to streamline your workflow, are the ultimate solution for maximizing efficiency and maintaining precision in your machining operations.

By eliminating the need for manual tool measuring, presetters allow tool offsets to be taken prior to each job, ultimately maximizing spindle time.

MACHINE SPECS	HTS400	HTS600	HPTS600
Max. X-Axis Travel	12.598" (320 mm)	15.748" (400 mm)	15.748" (400 mm)
Max. Z-Axis Travel	15.748" (400 mm)	23.622" (600 mm)	23.622" (600 mm)
Memory	5000 Tools / 50 Machine Origin	10,000 Tools / 100 Machine Origins	20,000 Tools / 200 Machine Origins
Standard Taper	40 Taper (Compatible with all sleeve options)	40 Taper (Compatible with all sleeve options)	50 Taper (Compatible with all sleeve options)
Additional Features	Table-top Unit (Table included)	Table-top Unit (Table included)	Stand-alone Unit
	Post processors for Haas + Non-Haas Machine tools.	Post processors for Haas + Non-Haas Machine tools.	Post processors for Haas + Non-Haas Machine tools.
	Dymo label maker / QR Code capabilities	Dymo label maker / QR Code capabilities	Dymo label maker / QR Code capabilities
	Data Matrix Scanner	Data Matrix Scanner	Data Matrix Scanner
		Pneumatic Axis Clamping	Pneumatic Axis Clamping
	Pneumatic Tool Interlocking System	Pneumatic Tool Interlocking System	
		Pneumatic Taper Sleeve Brake	

Shrink Fit Machines

- HSF-325
 - Air cooled
 - Bench top unit
 - 12.8" gauge length
 - 456 sold
 - \$8,995
- HSF-450
 - Liquid cooled
 - 30 second cool down vs 10 min
 - Free standing unit
 - 17.7" gauge length
 - 58 sold
 - \$16,995



Haas
F1 Team
OFFICIAL MACHINE TOOL

SHRINK FIT SERIES



HSF-325



HSF-450

Tool Length Capability	12.8"	17.7"
Clamping Range	Ø 0.394" – 1.25"	Ø 0.125" – 1.25"
Cooling Time	~ 10 Minutes <small>Shop Air attached to head</small>	~ 30 Seconds <small>Initial air-cooling \ Auto liquid-cooling</small>
Heating Time	~ 3-5 seconds <small>Induction heating head</small>	~ 4-14 seconds <small>Induction heating head</small>
Standard Taper	30, 40, 50, and HSK63A taper pots included	
Power Supply	220 AC 50	
Air Pressure Req	87 PSI \ 6 Bar	

CURRENT PROMOS:

- Buy 1 Shrink Fit machine get 10 free toolholders + pull studs
- Buy 1 Shrink Fit machine + Tool Presetter get 20 free toolholders + pull studs



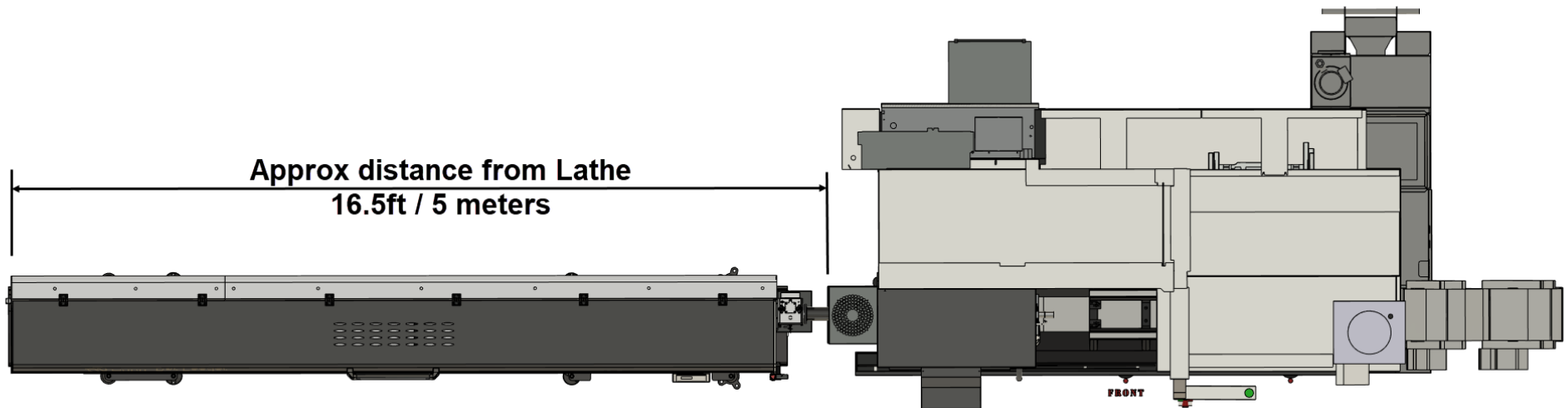
Haas Bar Feeder 12



- 12' bar capacity
- 20mm Pusher .25" - .625" diam. bars
- 56mm Pusher .75 - 2.0" diam. Bars
- July 1 price list
 - US/CA/MX
- \$29,995
- Late Q3 delivery



Haas DS-30Y with Bar Feeder



Haas Bar Feeder 12

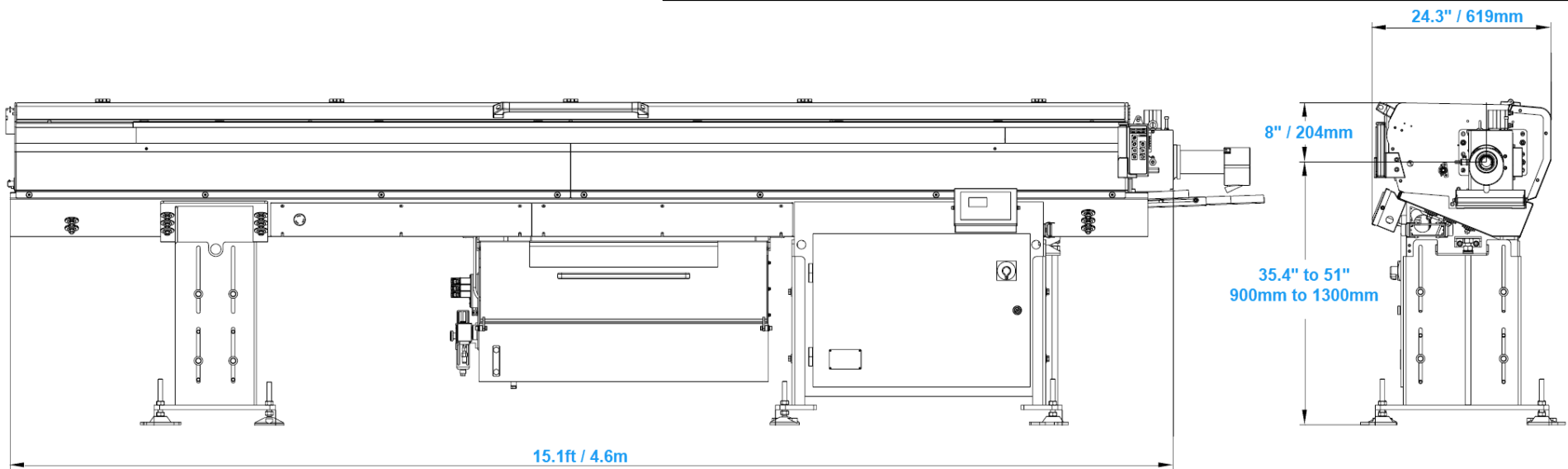


Bar Loading Capacity

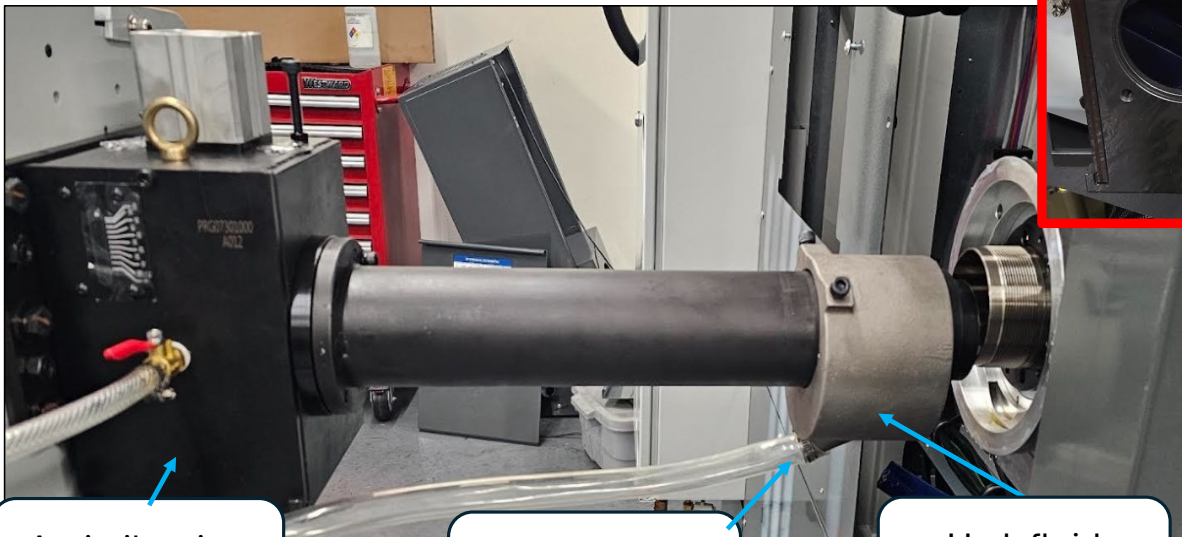
- Minimum Bar Diameter: 3/8" (10mm)
- Maximum Bar Diameter: 2.0" (51mm)
- Shortest Bar for DS-30Y: 62" (1575mm)
- Longest Bar: 149" (3800mm)

Other Specs

- Max Speed: 6,000 rpm
- Bar Magazine Length: 10.26" (260mm)
- No of Bars Capacity Inch: $10.26 \div \text{Bar diameter}$ (i.e 5 bars for 2.0" bar)
- No of Bars Capacity Metric: $260 \div \text{Bar Diameter}$ (i.e 26 bars for 10mm bar)



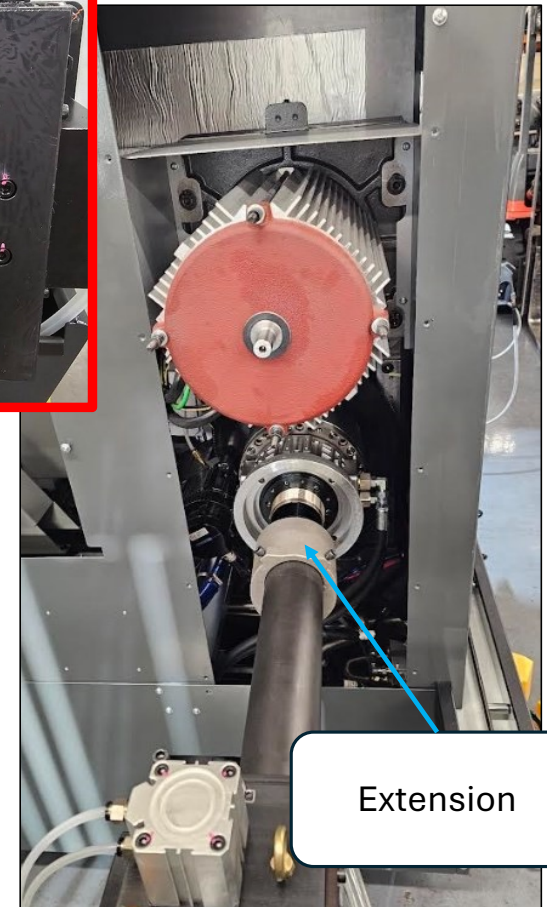
Haas Bar Feeder 12



Anti-vibration device

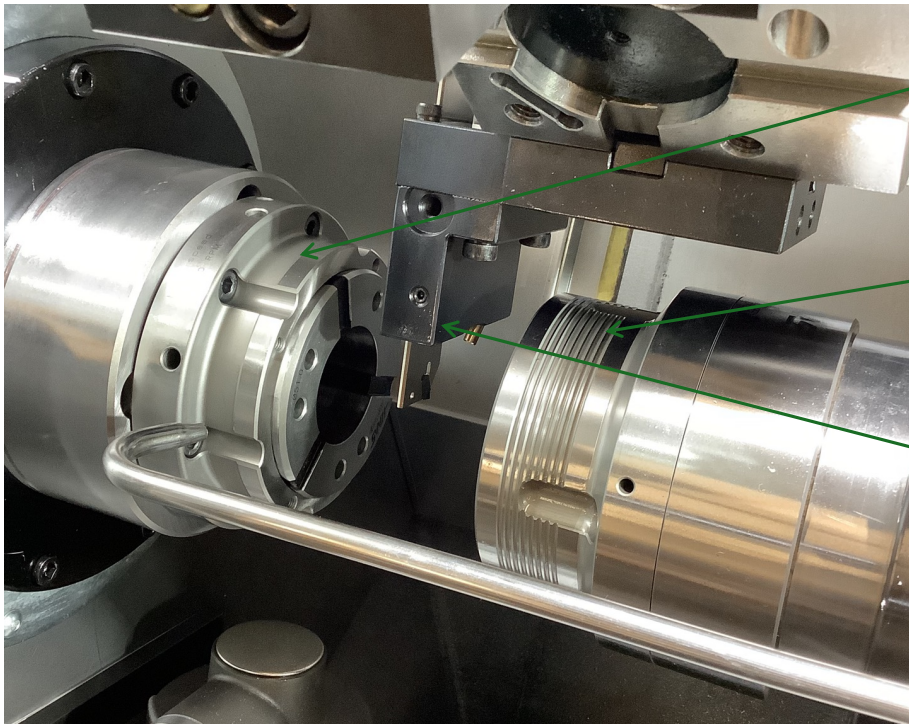
Hyd. fluid Return

Hyd. fluid collector



Extension

New Collet Closers



- New Products: Pull back quick-change collet chucks for main spindles on all ST Lathes up to ST-35
- New Products: Dead length quick-change collet chucks for all main and sub spindles/finishing spindles on all ST lathes up to ST-35
- Chuck used, #05-0331
https://www.haascnc.com/haas-tooling/lathe_workholding/quick_change_collet_/05-0332.html
- Collet used, #05-0516
https://www.haascnc.com/haas-tooling/lathe_workholding/quick_change_collets/05-0516.html

HFL-3015



- 3kW Fiber laser
- 3m x 1.5m (10' x 5')
- Pallet changer
- Installed first unit at Haas Sheet Metal Feb 2025
- On hold, but committed to adding a sheet metal line up
 - Laser
 - Brake
 - Punch, maybe



Software

Syntax Highlighting



- Syntax highlighting is a feature that colors and styles code, making it easier to read and understand. It's a common feature in text editors, code editors, and online platforms that display code.

BEFORE

```
N120 (END TOOL LIST)
N122 G21
N124 G0 G17 G40 G49 G80 G90
N126 (12MM BULL ENDMILL 3MM RAD TOOL 1)
N128 (ROUGH FIRST LEVEL)
N130 T1 M6
N132 G0 G90 G54 X-81.915 Y20.744 S4000 M3
N134 G43 H1 Z25.4 T3
N136 M83
N138 Z2.54
```

AFTER

```
N120 (END TOOL LIST)
N122 G21
N124 G0 G17 G40 G49 G80 G90
N126 (12MM BULL ENDMILL 3MM RAD TOOL 1)
N128 (ROUGH FIRST LEVEL)
N130 T1 M6
N132 G0 G90 G54 X-81.915 Y20.744 S4000 M3
N134 G43 H1 Z25.4 T3
N136 M83
N138 Z2.54
```

- **Purpose:**

Syntax highlighting helps distinguish different parts of the code, such as G & M Codes, Axis variables, Macros, and comments, using various colors and fonts.

- **How it works:**

The editor will identify the various elements of the G code program and apply the appropriate styles.

- **Benefits:**

It improves readability, helps identify errors, and makes code easier to navigate.

ECO Mode



MDI N0

CPU: 26.74%

Settings

Settings | Network | Rotary | User Positions | Alias Codes | Eco Mode

Eco Settings | Eco Data

Search **F1**

#	Name	Eco Value	Value	Unit
1	Auto Power Off Timer	30	0	Min
2	Power Off At M30	On		Off
196	Conveyor Shutoff	10	30	Min
197	Coolant Shutoff	1	5	Min
199	Display Off Timer	5	30	Min
216	Servo And Hydraulic Shutoff	5	5900	Sec
238	High Intensity Light Timer	5	10	Min
239	Worklight Off Timer	5	0	Min
267	Exit Jog Mode After Idle Time	5	30	Min

Range: 0.000 to 7200.000 ORIGIN Restore default settings menu.

1 - Auto Power Off Timer

This setting is used to automatically power-down the machine after a period of idle time. The value entered in this setting is the number of minutes the machine remains idle until it is powered down. The machine does not power down while a program is running, and the time (number of minutes) starts back at zero anytime a button is pressed or the [HANDLE] [JOG] control is used. The auto-off sequence gives the operator a 15-second warning before power down, at which time pressing any button stops the power down.

Electricity Price Per kWh: 0.50

Incoming AC Voltage: 240 V

Live Power Factor: 0.60

Energy Usage this Month: 140 KWh

Live Usage: 87 KW

F2 Enable Eco Mode HELP To read full description

Active Tool

Tool: 1
Offset: 1
Type: None
Tool Group: --
Max Load: 0
Life: 100%

Active Codes

G00 Rapid Motion
G90 Absolute Position
G40 Cutter Compensation Cancel
G80 Cycle Cancel
G54 Work Offset #54

D00 H00 M00 T0

Timers And Counters

This Cycle: 0:00:00
Last Cycle: 0:00:00
Remaining: 0:00:00
M30 Counter #1: 0
M30 Counter #2: 0
Loops Remaining: 0

Main Spindle

Spindle Speed: 0 RPM

Spindle Power: 0.0 KW

Surface Speed: 0 FPM

Chip Load: 0.000 IPT

Feed: 100% Feed Rate: 0.0000 IPM

Spindle: 100% Active Feed: 0.0000 IPM

Rapid: 100%

Load 0%

Temp 32°F

Coolant 0%

Setup

Power Save

Positions

(IN)	Work G54 G43 H1	Distance To Go	Load
X	0.0000	0.0000	0%
Y	0.0000	0.0000	0%
Z	0.0000	0.0000	0%
B	0.000	0.000	0%
C	0.000	0.000	0%

Favorites

Safe Run: Activate

User Positions

S32: Coolant Override

Calculator: Milling

SDEV: |

| 07:58:00

ECO Mode



Zero Place holder file.nc N0

[Place holder file];

Settings

Settings | Network | Rotary | User Positions | Alias Codes | **Eco Mode**

Eco Settings **Eco Data**

Live [1] Day [2] Month [3]

Electricity Price Per kWh: 0.50 Incoming AC Voltage: 240 V Live Power Factor: 0.60	Average Energy Usage: 13 KW Total Energy Usage: 83KW/H
--	---

F2 Display Price Graph
F3 Export Data

Active Tool

Tool: 1
 Offset: 1
 Type: None
 Tool Group: --
 Max Load: 0
 Life: 100%

Active Codes

G00 Rapid Motion
 G90 Absolute Position
 G40 Cutter Compensation Cancel
 G80 Cycle Cancel
 G54 Work Offset #54

D00 H00 M00 T0

Timers And Counters

This Cycle: 0:00:00
 Last Cycle: 0:00:00
 Remaining: 0:00:00
 M30 Counter #1: 0
 M30 Counter #2: 0
 Loops Remaining: 0

Favorites

Safe Run: Activate
 User Positions
 S32: Coolant Override
 Calculator: Milling

Main Spindle

Spindle Speed:	0	RPM
Spindle Power:	0.0	KW
Surface Speed:	0	FPM
Chip Load:	0.000	IPM
Feed:	100%	Feed Rate: 0.0000
Spindle:	100%	Active Feed: 0.0000
Rapid:	100%	

Load 0%
Temp 32°F
Coolant 0%

Positions

(IN)	Work G54 G43 H1	Distance To Go	Load
X	0.0000	0.0000	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green, yellow, red);"></div> 0%
Y	0.0000	0.0000	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green, yellow, red);"></div> 0%
Z	0.0000	0.0000	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green, yellow, red);"></div> 0%
B	0.000	0.000	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green, yellow, red);"></div> 0%
C	0.000	0.000	<div style="width: 100%; height: 10px; background: linear-gradient(to right, green, yellow, red);"></div> 0%

Setup Power Save

SDEV: 13:46:24

ECO Mode



Zero Place holder file.nc N0

[Place holder file];

Settings

Settings | Network | Rotary | User Positions | Alias Codes | **Eco Mode**

Eco Settings: **Eco Data**

Live [1] Day [2] Month [3]

Day	Usage (KW/H)
6	45
7	125
8	135
9	75
10	100
11	70
12	95
13	95
14	10
15	65
16	110
17	100
18	125
19	170
20	140
21	45

Electricity Price Per kWh: 0.50

Incoming AC Voltage: 240 V

Live Power Factor: 0.60

Average Energy Usage: 106 KW/H

Total Energy Usage: 488 KW/H

F2 Display Price Graph

F3 Export Data

Active Tool

Tool: 1
Offset: 1
Type: None
Tool Group: --
Max Load: 0
Life: 100%

Active Codes

G00 Rapid Motion
G90 Absolute Position
G40 Cutter Compensation Cancel
G80 Cycle Cancel
G54 Work Offset #54

D00 H00 M00 T0

Timers And Counters

This Cycle: 0:00:00
Last Cycle: 0:00:00
Remaining: 0:00:00
M30 Counter #1: 0
M30 Counter #2: 0
Loops Remaining: 0

Favorites

Safe Run: Activate
User Positions
S32: Coolant Override
Calculator: Milling

Main Spindle

Spindle Speed: 0 RPM
Spindle Power: 0.0 KW
Surface Speed: 0 FPM

Overrides
Chip Load: 0.000 IPT
Feed: 100% Feed Rate: 0.0000 IPM
Spindle: 100% Active Feed: 0.0000 IPM
Rapid: 100%

Load 0% Temp 32°F Coolant 0%

Positions

(IN)	Work: G54 G43 H1	Distance To Go	Load
X	0.0000	0.0000	0%
Y	0.0000	0.0000	0%
Z	0.0000	0.0000	0%
B	0.000	0.000	0%
C	0.000	0.000	0%

Setup Power Save

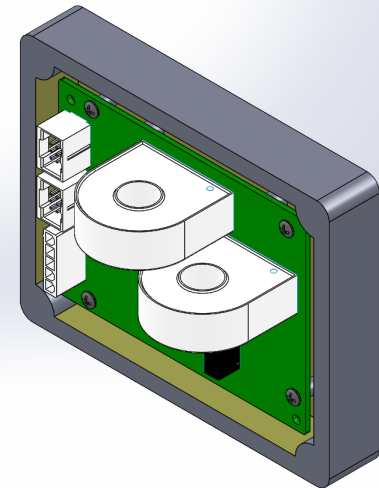
SDEV: |

13:36:22

ECO Mode



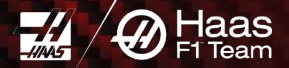
- Current plan
- ECO Mode
 - Include as standard feature
 - Power consumption based on estimates
 - Q3-2205
- ECO Mode Plus
 - Optional
 - Includes power measuring module
 - Provides real time and more accurate power consumption
 - Reporting via HaasConnect
 - Q4-2025





Henderson Factory Update

Henderson Update



Henderson Update



2ND FACTORY 2.4 M SQ. FT. HENDERSON, NV



55 ACRES
UNDER ROOF

On-site facilities include:

100-MACHINE
DEMO ROOM

1,000-CAPACITY
EVENT CENTER

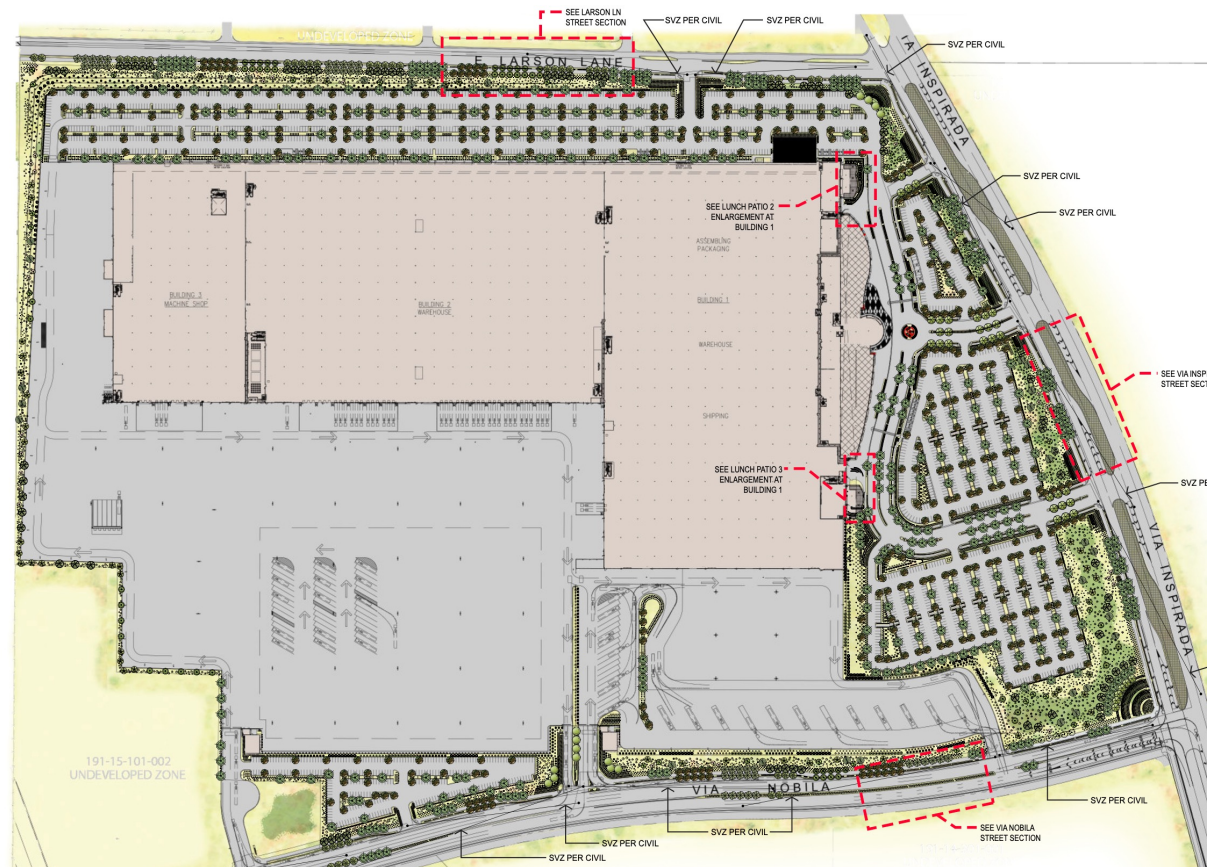
**AMERICAN
MANUFACTURING**
MUSEUM



Henderson Update



- Will be complete by 4th quarter 2026
- Ecommerce capacity will exceed \$500 million in revenue annually.
- Machine tool capacity will exceed 18,000 machines annually.



UNDER CONSTRUCTION



MAKING PROGRESS

DEC. 2024 – JUNE 2025

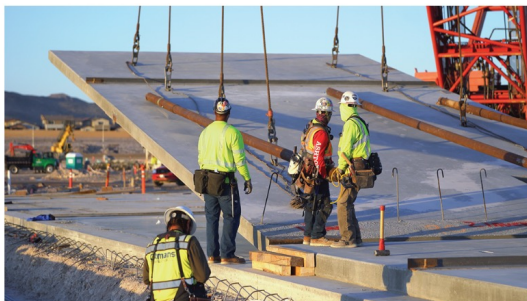




DEC, 2024
HENDERSON, NEVADA
2055 VIA INSPIRADA

UNDER CONSTRUCTION

Investing in U.S.-based companies and products as we expand into our state-of-the-art facility in Henderson, NV. Planned opening early 2027.



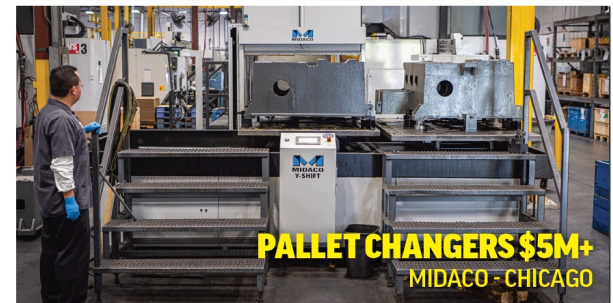
FORKLIFTS \$3M+
RAYMOND - NEW YORK



CRANES \$2M+
CRANEVEYOR - LOS ANGELES



PALLET RACKS \$5M+
RAYMOND - CALIFORNIA



PALLET CHANGERS \$5M+
MIDACO - CHICAGO

Henderson Summary



- We are building one of the most “State-of-the-Art” machine tool factories in the world.
- The first production line is expected to move right after the factory is complete.....early January 2027.
- We have made huge progress on the building since I talked to you last.
- We're spending "tens of millions" on new equipment for the factory
 - The inventory stocker system
 - The FMS cells
 - The material handling equipment
 - Network gear
 - Pallet racks
 - Information systems

Henderson Summary



- The new Henderson factory will allow for significant future growth.
 - It will substantially increase the production capacity of:
 - “American made” CNC Haas machines.
 - Ecommerce business to more than \$500 million annually.
 - Inventory area for “private label” Haas machines
 - And expand the “naked machine” strategy – I want to put the Haas control on as many machines as possible
- This new factory will position Haas for growth for years to come.

How to sell 'More Than'



More Than



**MORE
THAN**  **CNC**

SHOP SUPPORT

SERVICE

FINANCING

AUTOMATION

TOOLING

SHOP SUPPORT

More Than



**MORE
THAN**  **AUTOMATION**

SERVICE

FINANCING

CNC

TOOLING

SHOP SUPPORT

SERVICE

More Than



**MORE
THAN**  **TOOLING**

FINANCING

CNC

AUTOMATION

SHOP SUPPORT

SERVICE

FINANCING

More Than



**MORE
THAN**

SHOP SUPPORT

CNC

AUTOMATION

TOOLING

SERVICE

FINANCING

CNC

More Than



**MORE
THAN**  **SERVICE**

AUTOMATION

TOOLING

SHOP SUPPORT

FINANCING

CNC

AUTOMATION

More Than



**MORE
THAN**  **FINANCING**

TOOLING

SHOP SUPPORT

SERVICE

CNC

AUTOMATION

TOOLING

6 Topics



**MORE
THAN**



CNC

AUTOMATION

TOOLING

SHOP SUPPORT

SERVICE

FINANCING



Haas
F1 Team
OFFICIAL MACHINE TOOL

6 Things to Sell

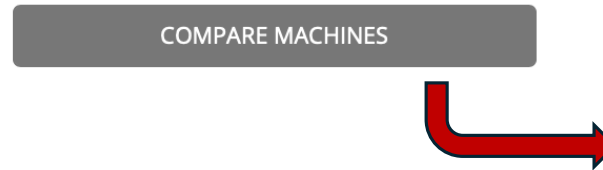


- Always be looking for ways to work these six elements into a call
- Know how to ask the right questions to lead into one of these six topics
- It's not confrontational, it's trying to help the customer have a more successful business
- Each of these is a part of Haas being the 'Amazon' for machine shops
- Stay up to date, force yourself to be involved in 'continuing education'
- If you see the six lanes as a challenge/problem, in the wrong place
- See it as opportunity
- HFO can offer more than any other supplier

More Than CNC



- Know the models
- Know the differences
- Know where to look
- Compare tool
- Pricing of major options and impact in monthly payment
- Blind quoting new products
- Include key options and tooling
 - Make them say 'no'



Compare Machines

Technical specifications shown in **bold** indicate differences from the initial machine in the

	VF-4SS	VF-4
	50.0" x 20.0" x 25.0" (xyz) 1270 x 508 x 635 mm Starting Price: US\$101,995	50.0" x 20.0" x 25.0" (xyz) 1270 x 508 x 635 mm Starting Price: US\$87,995
	BUILD & PRICE	BUILD & PRICE
UNIT OF MEASUREMENT: SAE <input checked="" type="radio"/> METRIC <input type="radio"/>		
STANDARD FEATURES		
SPINDLES	12,000-rpm Spindle	8100-rpm Spindle
TOOL-CHANGERS	High-Speed 30+1 Side-Mount	20-Pocket Carousel Tool Changer
CHIP-AND-COOLANT-MANAGEMENT	55-Gallon Coolant Tank Window Air Blast Multi-Stage Coolant Pump	55-Gallon Coolant Tank Window Air Blast Multi-Stage Coolant Pump

COMPARE MACHINES

EXPLORE ALL INVENTORIES

SPECS

ROTARY FIT

Base Price
US\$102,995
SALE **US\$97,845.25**

Save 5% Now - Contact your HFO to Save Up to 15%

Payments as low as
US\$1,686/mo

- 12 months
- 24 months
- 36 months
- 48 months
- 60 months

More Than Automation



- Make use of the Automation map
- Know the type of buyer/use case of automation
- Have knowledge of different customer stories on website
- Quote automation in a second quote to a customer
 - Make them say 'no'
- Selling less machines, but more automation
- You need to help a customer make the shift before the competitor does

DISCOVERING AUTOMATION

MILL AUTOMATION

- MILL PALLET POOL
- MILL AUTOMATIC PARTS LOADER
- MILL ROBOTS

LATHE AUTOMATION

- HAAS BAR FEEDER
- LATHE AUTOMATIC PARTS LOADER
- LATHE ROBOTS

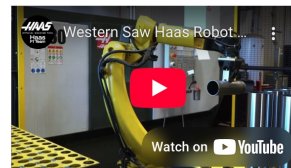
AUTOMATION STARTS WITH ASKING THE RIGHT QUESTIONS.

WHY? Automation increases productivity, reduces cycle times, and improves part quality. It also allows for 24/7 production and reduces the need for manual labor.

WHY? Automation reduces the risk of injury to operators and improves the overall safety of the manufacturing environment.

WHY? Automation allows for the production of complex parts that are difficult to manufacture manually. It also enables the production of parts with tight tolerances and consistent quality.

Automation in Action



WESTERN SAW
ST-30 + Robot

This Haas 25 kg Robot Package at Western Saw in Oxnard, CA, uses a unique magnetic gripper to load and unload parts from a Haas ST-30. Watch as the 25 kg robot easily handles these large, steel cylindrical parts.



MICRO-CUT ENGINEERING
VF-25S + Automatic Parts Loader

HFO Chicago customer Micro-Cut Engineering of Gilbert, IL, recently received their first Haas Automatic Parts Loader (APL). Micro-Cut President Andrew Starrenburg explains their decision to buy the APL and discusses the added productivity they've experienced since the purchase.



TOOHIGHPSI
VF-25SYT + Pallet Pool

Recently, we visited TooHighPSI, and talked with Mike Sitar Jr. about the high-performance parts they're making, and how Haas machines and tooling fit into their manufacturing program. Their VF-25SYT with 3+1 pallet pool has allowed them to increase production, and run longer-cycle parts overnight.

More Than Tooling



- Be quoting tooling with CNC sales
 - **50%** of all CNC sales should include tooling
- Have ‘go-to’ packages by machine frame size
 - We can create you custom tooling packages to quote
- Force a customer to take it off the quote
 - Make them say ‘no’
- If not in the market for the machine, they need tooling
- Look for opportunities to show them something unique
- Know the ‘street price’ of some key materials
 - Pull studs
 - ER collet holder
 - 3/4” end mill
 - Lathe collet chuck
- Talk to the right person for tooling
 - Not always the same person buying a machine who is buying tooling

ADDING TOOLING KITS TO YOUR CNC

THE OLD WAY

- Search through large, complex tooling catalogs for the tools, toolholders, and inserts you need, or at least think you need . . .
- Order the items from multiple sources, sometimes a tooling house, sometimes the manufacturer.
- Wait for parts to arrive from several vendors on different delivery schedules.
- Assemble everything, and hope it all works.

THE HAAS WAY

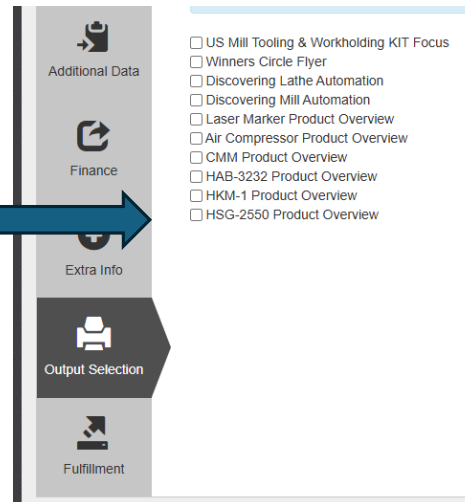
- Go to [HaasTooling.com](https://www.haastooling.com)
- Select the complete tooling kit that's right for you, at the best price around, and place a single order.
- Enjoy the simplicity and savings of buying as a kit.
- Tools are delivered to your door in a single shipment, with all the necessary information and support (including videos!) available at [HaasTooling.com](https://www.haastooling.com)

**HAAS MAKES
TOOLING KITS EASY**

More Than Shop Support



- Look for opportunities to present/quote these machines
- Attache to all MO quotes
 - Make them say 'no'
- Good entry point for discussion if customer is not in the market for a machine
- Have these in your showroom to show to customers and for HFO to become comfortable with



- US Mill Tooling & Workholding KIT Focus
- Winners Circle Flyer
- Discovering Lathe Automation
- Discovering Mill Automation
- Laser Marker Product Overview
- Air Compressor Product Overview
- CMM Product Overview
- HAB-3232 Product Overview
- HKM-1 Product Overview
- HSG-2550 Product Overview



STARTING AT:
\$39,995

PRODUCT HIGHLIGHTS:

- Max Cutting Height - 12.6" (320 mm)
- Max Cutting Width - 12.6" (320 mm)
- AI Mode
- Wheel Adjustable Feedrate
- Bar Stacking Capability
- Manual and Automatic Modes
- Memory for multiple jobs

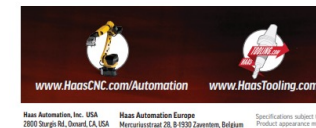


Scan here or contact your local HFO for more details.

Engineered for precision, our bandsaw del metals, from steel to aluminum. The HAB-3232 has bar-stacking capability for cycle, and has bar-stacking capability for cycle. Featuring an intuitive control panel, the HAB-3232 Mode to set the saw determine its own feedrate adjustments and determine what feedrate wo

DON'T FORGET THE BAND SAW BLI
We carry replacement blades
www.HaasTooling.com

Scan here or contact your local HFO for more details.



Haas Automation, Inc. USA 2800 Stearns Rd., Oxnard, CA, USA
Haas Automation Europe Mercuriusstraat 20, B-1530 Zaventem, Belgium
Specifications subject to change. Product appearance may differ.



STARTING AT:
\$16,995

PRODUCT HIGHLIGHTS:

- Switch Photo Source - efficiently emits light in rapid bursts, for better thermal control
- Laser Pattern - ensures engraver is in focus over cutlines
- Integrated Flame Extractor - automatically extracts harmful fumes produced by laser
- Laser Light Safe Windows
- Power and Manual Laser Head Height Adjustment
- Foot Switch
- Lifetime license to LightBurn Software



Scan here or contact your local HFO for more details.

Equipped with an optical fiber cable instead of the typical series of lenses to concentrate and amplify the high-output, diode-generated light through a converging lens, the resulting laser beam is straighter, smaller, and more precise than other types of laser marking machines, with greater electrical efficiency and comparatively low operating costs. This machine is suitable for most metallic materials and alloys, such as steel, stainless steel, brass, aluminum, silver, and iron, as well as some non-metallic materials, allowing it to be applicable across a wide range of industries - ideal for small and large manufacturing operations alike.



More Than Service



- Online help
- Videos
- Direct/local HFO support
- Standardized parts
- Standardized processes
- Know the numbers for your HFO:
 - How many tech
 - In the field, in the offices
 - How many vans
 - \$ value of service parts
 - PM programs
 - Training programs

The screenshot displays the Haas F1 Team website's service portal. At the top, there is a navigation bar with the Haas F1 Team logo, a search bar, and links for 'MyHaas', 'Find Your Distributor', and 'Select Language'. Below the navigation bar, a 'Service Quick Links' sidebar lists 26 categories from 'AIR / PNEUMATICS' to 'SIMULATOR'. The main content area features a header with the text 'YOUR HFO IS READY TO SERVICE YOUR MACHINE.' and a 'HFO SERVICE REQUEST FORM' button. Below this, there are two search sections: 'SEARCH GUIDES BY ALARM CODE' and 'SEARCH HAAS SERVICE'. The 'SEARCH GUIDES BY ALARM CODE' section includes a search input field and a 'SEARCH' button. The 'SEARCH HAAS SERVICE' section also includes a search input field and a 'SEARCH' button. Below these sections, there are three large buttons for 'G-Codes', 'M-Codes', and 'Settings', each with a 'LIST OF G-CODES >', 'LIST OF M-CODES >', and 'LIST OF SETTINGS >' link respectively. At the bottom, there are eight icons representing different service resources: 'Operator's Manuals', 'How-To Procedures', 'Troubleshooting Guides', 'Preventive Maintenance', 'Join Our Team', 'Haas Parts', 'Haas Tooling', and 'Videos', each with a 'Learn More >' link.

More Than Financing



- Financing everything with CNCA
 - Tooling
 - Shop support
- Understand the value of ‘free money’
- Get this info to the right person
- Include in all quotes
 - Make them say ‘no’
- Understand the relationship of rates, term and down payment
- No prepayment, always remind
- Understand how to use rate factor
- 48 mo @ 0% (0.02083 factor)
 - \$50k equals \$1,041 per month, which is \$52 per day
- 84 mo @ 4.49% (0.01390 factor)
 - \$50k equals \$695 per month, which is \$35 per day

Effective July 1, 2025		Changed from June 2025						
	Skip Days	Months						
Term		12	24	36	48	60	72	84
10%		0.00%	1.99%	2.99%	3.99%	4.49%		
20%		0.00%	0.99%	1.99%	2.49%	3.99%	4.99%	5.49%
25%		0.00%	0.00%	0.99%	1.99%	2.99%	4.49%	4.99%
30%		0.00%	0.00%	0.00%	0.99%	2.49%	3.99%	4.49%
40%					0.00%			
20%	90		1.49%	1.99%	3.49%	4.99%	5.49%	5.99%
30%	180		1.99%	2.49%	3.99%			

		RATE FACTORS						
Term		12	24	36	48	60	72	84
10%		0.08333	0.04254	0.02077	0.02258	0.01864		
20%		0.08333	0.04210	0.02864	0.02191	0.01842	0.01611	0.01437
25%		0.08333	0.04167	0.02821	0.02170	0.01797	0.01587	0.01413
30%		0.08333	0.04167	0.02778	0.02156	0.01775	0.01565	0.01390
40%					0.02083			
20%	90		0.04243	0.02874	0.02249	0.01903	0.01649	0.01475
30%	180		0.04289	0.02916	0.02295			

More Than



**MORE
THAN**

CNC

AUTOMATION

TOOLING

SHOP SUPPORT

SERVICE

FINANCING



Final Thoughts

What Do We Do Now?



Haas

- Stay focused
- Continue adding more products
- Continue improving products and software
- Expanding Haas Tooling

HFOs

- Sell Haas value
 - Use the 'More Than' approach
 - Make the calls
 - Make the offer they can't refuse, do not say 'no' for the customer
-

Final Thoughts



- Make the calls
- Sell Haas value
- Use the 'More Than' approach
- Make an offer that a customer can't refuse
- Blind quote, don't wait for them to ask
- Ask for the order

The Haas F1 Team logo, consisting of a stylized 'H' and 'A' inside a circle, followed by the text 'Haas F1 Team'.

ABC
ALWAYS BE
CLOSING