

QUOTE SUMMARY:

VF-2SS	US\$72,095
CONTROL OPTIONS	\$9,890.00
OPTIONS	\$7,880.00
THROUGH SPINDLE COOLANT	\$6,295.00
ADDITIONAL AXIS	\$12,690.00
PROBE SYSTEM	\$5,795.00
CHIP REMOVAL	\$3,695.00
HAAS TOOLING	\$2,799.90
Discount	-\$28,835
TRT160	US\$34,695
WORKHOLD	\$2,995.00
TOTAL QUOTE	US\$129,995

VF-2SS



PRODUCT OVERVIEW

Super-Speed CNC Vertical Machining Center with 30" x 16" x 20" (762 x 406 x 508 mm) travels

STANDARD FEATURES

12,000-RPM SPINDLE
12,000-rpm Spindle, 40 taper, 30 hp (22.4 kW) vector drive, inline direct-drive; requires balanced toolholders with G2.5 rating above 10,000 rpm INCLUDED

STANDARD PROGRAM MEMORY, 1 GB
Standard Program Memory; 1 GB of onboard memory for program storage and backup. INCLUDED

55-GALLON COOLANT TANK
55-Gallon (208 liter) Coolant Tank with 1 hp (0.75 kW) pump; flows 12 gpm @ 30 psi (45 L/min @ 2 bar) @ 60 Hz, and features a multi-section labyrinth design that prevents chips from reaching the coolant pump. INCLUDED

EARLY POWER-FAILURE DETECTION MODULE
Early Power-Failure Detection Module; senses a power failure or severe drop in incoming line voltage and quickly brings all axis motion to a safe and controlled stop. INCLUDED

ETHERNET INTERFACE
Ethernet Interface; allows you to easily transfer files to and from the machine over a local wired network. INCLUDED

HAASCONNECT: REMOTE MONITORING
HaasConnect: Remote monitoring of your Haas machine. Requires the machine to be connected to the Internet. INCLUDED

HAASDROP
HaasDrop Wireless File Transfer is a fast and convenient method for sending images, videos, and even program files from a mobile device directly to the Next-Generation Control on a Haas CNC machine. Available for Android and iOS devices. INCLUDED

MEDIA DISPLAY M-CODE; M130
Media Display M-Code; M130 is used within an NC program to call up media files (images, videos, PDF files) from memory and display them on the control screen as the program runs. NextGen Control only. INCLUDED

DATE: Jul 27, 2023

PREPARED FOR:

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Performance Specialty Inc
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LOCAL DISTRIBUTOR:

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RIGID TAPPING	
Rigid Tapping; synchronized tapping, with built-in tap cycles and up to 8X retract speed.	INCLUDED
SAFE RUN	
Safe Run; a software feature in the Haas control that reduces the chances of significant machine damage during a machine crash.	INCLUDED
HIGH-SPEED 30+1 SIDE-MOUNT	
High-Speed Side-Mount Tool Changer, 40 taper, 30+1 tools	INCLUDED
HIGH-SPEED 30+1 SIDE-MOUNT TOOL CHANGER, HSK	
High-Speed Side-Mount Tool Changer, HSK taper, 30+1 tools	INCLUDED
POWER SURGE PROTECTION	
Surge Protection; provides protection from power surges to the machine control, preventing damage to critical components. If the machine experiences a power surge, the single-use surge-protection module is consumed, preventing the electrical spike from affecting the rest of the control components. Replacement surge-protection modules are available from Haas. Standard on 3-phase machines only.	INCLUDED
1-YEAR STANDARD WARRANTY	
1-Year Standard Warranty. Haas products carry a full 1-year warranty on the entire machine, including the control – that’s 365 days x 24 hours.	INCLUDED
CONTROL TOUCH SCREEN	
Touch Screen interface for the Haas control; allows screen navigation, data entry, and other control functions on-screen, without using the keypad.	INCLUDED
WIFI CONNECTION FOR THE HAAS CONTROL	
WiFi Connection for the Haas Control; provides wireless connectivity between the Haas control and a local area network.	INCLUDED
WINDOW AIR BLAST	
Haas Window Blast; airgun-activated feature for clearing coolant from the machine’s window during machining.	INCLUDED

SELECTED OPTIONS

TOOLING TAPER (BT/CT)

CT-STYLE TOOL CHANGER GRIPPERS

CT option INCLUDED

THROUGH-SPINDLE COOLANT

***THROUGH-SPINDLE COOLANT**

Through-Spindle Coolant, 300 psi (21 bar). Provides high-pressure coolant directly through the cutting tool. Requires 3-phase power. Note: TSC cannot be installed in the field unless the TSC-READY option is ordered with the machine. \$6,295

ADDITIONAL AXIS

4TH-AXIS DRIVE AND WIRING

The Haas 4th-axis drive allows the use of a fully integrated 4th-axis Haas rotary table or indexer for multi-sided machining. \$3,195

5TH-AXIS DRIVE AND WIRING

The Haas 5th-axis drive allows the use of a fully integrated 5th-axis Haas rotary table or indexer for multi-sided machining. This option requires the 4th-Axis Drive option (sold separately), and is field installable. \$9,495

PROBE SYSTEM

WIRELESS INTUITIVE PROBING SYSTEM

Wireless Intuitive Probing System; Renishaw. Includes the Haas Visual Programming System, macros, spindle orientation, and coordinate rotation and scaling. \$5,795

CHIP REMOVAL SYSTEM

CHIP AUGER

Chip Auger; automatically removes chips from the machine, while compressing them and wringing out the coolant. \$3,695

OPTIONS

COOLANT MAINTENANCE PACKAGE

Coolant Maintenance Package includes the Automatic Coolant Refill System, Coolant Tank Oil Quality

Coolant Maintenance Package; includes the Automatic Coolant Refill System, Coolant Tank Oil Skimmer, and Enclosure Exhaust System or Mist Condenser (varies by machine model). \$3,595

PROGRAMMABLE COOLANT NOZZLE

Programmable Coolant Nozzle; a multi-position nozzle that automatically directs coolant precisely at the cutting tool. \$2,095

***THROUGH-TOOL AIR BLAST**

Through-Tool Air Blast; supplies high-pressure / high-flow air through the tool, directly to the cutting edge. Available for inline spindles, and 50-taper mills. Requires a Haas Through-Spindle Coolant system, or the TSC Ready option (NGC software version 100.22.000.1000 or later). \$1,395

WIFI CAMERA

WiFi Camera; fully enclosed camera that mounts inside the machine enclosure, allowing remote viewing of machining operations via WiFi. \$795

CONTROL OPTIONS

DYNAMIC WORK OFFSETS AND TOOL CENTER POINT CONTROL

Dynamic Work Offsets and Tool Center Point Control; software features that simplify job setup for 4- and 5-axis machining. Includes the Rotary Axis Calibration Tool. \$6,395

HIGH-SPEED MACHINING

High-Speed Machining; allows faster feedrates and more complex toolpaths, without hesitation or starving the machine. \$3,495

TRANSFORMER

LOW-VOLT INCLUDED

HAAS TOOLING

08-0004A

20-Piece, CT40 Toolholder Kit, TSC × 1 \$1,799.95

08-0170

Mill Workholding Kit, 6" Manual Vise, CT40 × 1 \$999.95

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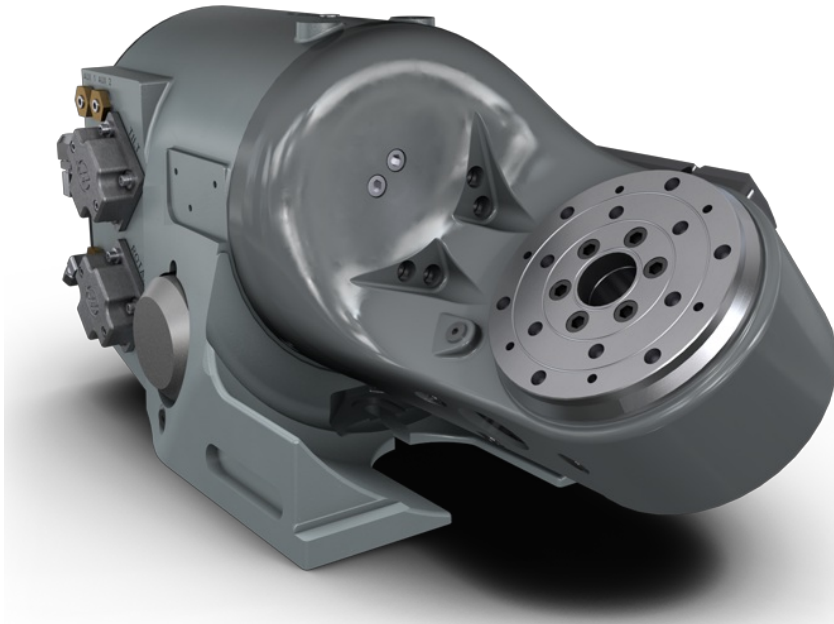
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TRT160



PRODUCT OVERVIEW

160 mm (6.3") Tilting 2-Axis Rotary Table. Note: Requires a Haas mill with 4th- and 5-axis drive and NGC software version 100.19.000.1100 or later for full 4th- and 5th-axis operation.

STANDARD FEATURES

DIRECT CONTROL BY MILL CNC

This rotary unit is configured to connect directly to a Haas mill equipped with optional axis drives. It does not include a Haas rotary control unit. A separate Haas rotary control unit is available at additional cost. INCLUDED

ROTARY CABLE SUPPORT

Rotary Cable Support; keeps a rotary table's power and signal cables from dragging on the machine's waycovers during operation. INCLUDED

18 MM TOE CLAMP KIT

Toe Clamp Kit, 18 mm; includes a kit of four (4) 18 mm toe clamps, with bolts, washers, and T-nuts. INCLUDED

SELECTED OPTIONS

WORKHOLDING

75 MM AIR VISE KIT, MANUAL

75 mm Air Vise Kit-Manual: includes 75 mm Air Vise and AIR CLAMP PRO-MANUAL. Requires bolt-hole pattern table. Vise is only available to order with the rotary. Additional jaws, bolts, and accessories are available at HaasTooling.com. \$2,995

VF-2SS US\$121,140
Total Price Discount **-\$28,835**
 TRT160 US\$37,690
Special Price Quote **US\$129,995**

[Discounted_Stock_Machines_2023]

Pricing may change at any time, without notice. Please contact your local Haas Factory Outlet for the most up-to-date pricing and information.

** Not available for field installation*

Haas Build & Price is for example only. Your Haas Factory Outlet can provide a formal price quotation. Price, specifications, availability, and specific configurations may change without notice. Despite our best efforts, some items may contain pricing, typography, or photography errors.

Shipping, delivery, transportation, and rigging charges are not included in this quote.

Caution: Federal, State, and Local taxes are not included in the quote price.

This quote is valid only for customers in USA. All prices in US Dollars.

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