

QUOTE SUMMARY:

VF-6SS	US\$151,495
CONTROL OPTIONS	\$3,495.00
OPTIONS	\$7,380.00
THROUGH SPINDLE COOLANT	\$6,295.00
ADDITIONAL AXIS	\$3,195.00
PROBE SYSTEM	\$5,795.00
TRANSFORMER	\$4,195.00
ACCESSORIES	\$95.00
HRT210	US\$14,795
CHUCKS	\$2,095.00
TAILSTOCKS	\$1,695.00
TOTAL QUOTE	US\$200,530

VF-6SS



PRODUCT OVERVIEW

Super-Speed CNC Vertical Machining Center with 64" x 32" x 30" (1626 x 813 x 762 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

95-GALLON COOLANT TANK

95-Gallon (360 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. Note: The UMC-500 and UMC-500SS require a hopper-style chip bin to clear the 95-gallon (360 L) coolant tank. INCLUDED

CHIP AUGER

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

LIFTING PROVISION

Lifting Provision; built-in attachment points for lifting the machine 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

PROGRAMMABLE COOLANT NOZZLE

Programmable Coolant Nozzle; a multi-position nozzle that automatically directs coolant precisely at the cutting tool. INCLUDED

LARGE REMOTE JOG HANDLE WITH TOUCHSCREEN DISPLAY

Remote Jog Handle with extra-large touchscreen display; lets you to get up-close to the machine’s work area for part setup, changeover, and inspection, while still having control of the machine. INCLUDED

RIGID TAPPING

Rigid Tapping; synchronized tapping, with built-in tap cycles and up to 8X retract speed. 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

PROBE SYSTEM

WIRELESS INTUITIVE PROBING SYSTEM

Wireless Intuitive Probing System; Renishaw. Includes the Haas Visual Programming System, macros,

DATE: Jun 1, 2023

PREPARED FOR:

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spindle orientation, and coordinate rotation and scaling. \$5,795

OPTIONS

AUTOMATIC AIR GUN

Automatic Air Gun; provides a constant air blast to clear chips during dry machining. \$1,395

COOLANT MAINTENANCE PACKAGE

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

AUTOMATIC COOLANT REFILL

Automatic Coolant Refill System. Monitors the machine coolant level, and automatically adds correctly mixed coolant to the tank. Requires a customer-supplied external water source. INCLUDED

PART HOLE BLASTER

Part Hole Blaster; provides a programmable blast of air to clear chips and coolant from holes and deep pockets. Requires the Programmable Coolant Nozzle. \$195

MINIMUM QUANTITY LUBRICATION

Minimum Quantity Lubrication System; provides a small quantity of lubrication directly to the cutting tool. Requires the Automatic Air Gun option. \$2,195

COOLANT MIST CONDENSER

Coolant Mist Condenser; complete recirculation system keeps the machine's enclosure clear of mist and smoke generated during the machining process. Closed-loop system; does not require external venting. INCLUDED

CONTROL OPTIONS

COORDINATE ROTATION AND SCALING

Coordinate Rotation and Scaling; allows you to rotate your part program to another location, and increase or decrease (scale) the size of a toolpath or pattern. INCLUDED

HIGH-SPEED MACHINING

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

USER-DEFINABLE MACROS

User-Definable Macros; allows you to create custom subroutines for canned cycles, probing routines, special functions, and more. INCLUDED

SPINDLE ORIENTATION

Spindle Orientation allows the spindle to be positioned to a specific, programmed angle, using the spindle motor and spindle encoder for feedback. This option provides inexpensive and repeatable spindle positioning accurate to 0.5 degree INCLUDED

VISUAL PART PROGRAMMING SYSTEM

Visual Part Programming System; a proprietary conversational programming system to quickly write G-code for simple milling routines. Includes User Definable Macros. INCLUDED

TRANSFORMER

***HEAVY-DUTY INTERNAL HIGH-VOLTAGE ISOLATED TRANSFORMER**

Heavy-Duty Internal High-Voltage Isolated Power Transformer; runs cooler during prolonged heavy-cutting operations, reducing the possibility of overheat conditions. For machines sold in the USA to operate on 440 VAC. \$4,195

ACCESSORIES

CHIP TRAY FILTER KIT

Chip Tray Filter Kit; supplemental chip strainer kit keeps chips from entering the coolant system. Includes a 200-micron filter and metal chip tray basket. \$95

COOLANT TANK OIL SKIMMER

Coolant Tank Oil Skimmer; an integrated solution for keeping your coolant tank free of tramp oils. INCLUDED

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HRT210



PRODUCT OVERVIEW

210 mm (8.3") Servo Rotary Table. Note: Requires a Haas mill with 4th-axis drive and NGC software version 100.19.000.1100 or later for full 4th-axis operation. Stand-alone operation requires a Haas rotary control box shipped after November 10, 2021, with software version 26.32 or newer.

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

SELECTED OPTIONS

CHUCKS

8" MANUAL 3-JAW CHUCK

8" (203 mm) Top Reversible, 3-Jaw Chuck \$2,095

TAILSTOCK

6" MANUAL TAILSTOCK

Manual Tailstock, 6" (152 mm) center height, Morse taper #3. Live centers recommended, but not included. \$1,695

VF-6SS US\$181,945
HRT210 US\$18,585
Total Quote US\$200,530

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**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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