

**PREPARED FOR:**

Jon bernashe  
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**LOCAL DISTRIBUTOR:**

651 DAY HILL ROAD  
WINDSOR, CT, 06095  
USA  
860-687-2466  
sales@hfotrident.com

# EC-400



**QUOTE SUMMARY:**

<b>EC-400</b>	<b>US\$209,995</b>
CONTROL OPTIONS	\$6,290.00
OPTIONS	\$109,790.00
SPINDLE	\$9,895.00
TOOL CHANGER	\$19,895.00
PROBE SYSTEM	\$8,395.00
<b>SPECIAL DISCOUNTS</b>	
<b>10% Discount</b>	<b>-\$36,426</b>
<b>TOTAL QUOTE</b>	<b>US\$327,834</b>

## PRODUCT OVERVIEW

CNC Horizontal Mill with Pallet Changer and 22" x 25" x 22" (559 x 635 x 559 mm) travels; 400 mm pallets.

## STANDARD FEATURES

**STANDARD PROGRAM MEMORY, 1 GB**

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

**FULL 4TH-AXIS ROTARY SYSTEM**

Full 4th-Axis Rotary System . . . . . 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

**CNC CONTROL CABINET COOLER**

CNC Control Cabinet Cooler; reduces the internal temperature of the control cabinet to boost reliability and increase component life No external power required. . . . . INCLUDED

**BELT-TYPE CHIP CONVEYOR HMC**

Belt-Type Chip Conveyor; quick, high-volume chip removal for increased productivity. Discharges chips at standard 55-gallon barrel height. NOTE: For aluminum machining applications that generate large quantities of smaller chips, we highly recommend our CDF Conveyor. . . . . 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

**SECOND HOME POSITION**

Second Home Position; allows the operator to quickly send the machine's axes to a user-defined Home position. . . . . 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

**EC-400 PALLET KIT, INCH**

Standard Inch Pallet Kit; includes 2 pallets, 15.75" x 15.75" (400 x 400 mm), with inch tapped holes INCLUDED

**4TH-AXIS ROTARY SCALES**

Precision scale feedback on the integrated full 4th-axis rotary, improves accuracy and repeatability. INCLUDED

**RIGID TAPPING**

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

**SPINDLE**

**\*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 . . . . . \$9,895

**TOOL CHANGER**

**\*50+1 SIDE-MOUNT TOOL CHANGER**

Side-Mount Tool Changer, 40 taper, 50+1 tools . . . . . \$19,895

**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. . . . . \$8,395

DATE: Apr 25, 2023

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**OPTIONS**

**CHIP-DISK FILTRATION CHIP CONVEYOR**

Chip Disc Filtration Conveyor; belt-type chip conveyor with built-in disc filtration system to prevent chips from entering the coolant tank. NOTE: The CDF Conveyor is highly recommended for aluminum machining applications that generate large quantities of smaller chips. ATTENTION! The CDF Conveyor extends further beyond the machine enclosure than the standard conveyor, requiring additional space. SHIPPING NOTE: The CDF Conveyor ships separately from the machine, and may incur additional shipping charges. Requires the 95-gallon (360 liter) coolant tank. . . . . \$10,495

**\*6+1 PALLET POOL**

Fully-Integrated 6+1 Pallet Pool with 400 mm Pallets. 6+1 pallets (6 storage locations + 1 machining station). Requires the optional 50+1 or 100+1 side-mount tool changer. Not available for field installation. Max payload per pallet (workpiece + workholding) is 500 lb (227 kg). . . . . \$99,295

**CONTROL OPTIONS**

**\*64 GB EXPANDED MEMORY**

64 GB Expanded Memory; allows you to store large programs and media files on the machine, eliminating the need for an external storage device. . . . . \$2,795

**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

**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

**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**

LOW-VOLT . . . . . INCLUDED

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**EC-400** ..... **US\$364,260**  
**Special Discounts** .....  
**10% Off Order Price** ..... **-\$36,426**  
**Special Price Quote** ..... **US\$327,834**

Save 10% on Your Entire Order! + Add Automation for Double Savings

**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.*

*Print date: Apr 25, 2023*

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