



Haas
F1 Team
OFFICIAL MACHINE TOOL

Universal Machining Centers

DUAL



5-AXIS

PRODUCTIVITY

WITH SOME EXTRA 3-AXIS ON THE SIDE

The Haas **UMC-1500-DUO** is like having two machines in one: a powerful 5-axis universal machining center, and a versatile 3-axis vertical machining center. We've taken our industry-leading UMC-750 universal machining center, expanded its X-axis travel, and added a stationary 32" x 18" T-slot table next to the dual-axis trunnion.

Use the stationary table to set up workholding for first operations – like cutting dovetails on your 5-axis material – or to machine the 6th side of your completed 5-axis parts. Or, because the stationary table and trunnion platter (at B0) are at the same height, you can fixture parts across both, and use the machine's full X-axis travel to machine long parts.

FEATURES AND OPTIONS

- Cycloidal rotary drives
- Lighter operator door
- Front-mounted control pendant
- Dual-station work environment
- Easy-access convenience features
- Large side-window
- Rigid base casting
- Standard rollaway coolant tank



AVAILABLE MODELS

UMC-1500 DUO

40 Taper / 5 Axis / 8.1k rpm
30+1 Tool Capacity
32" x 12" T-Slot Table

UMC-1500 DUO SS

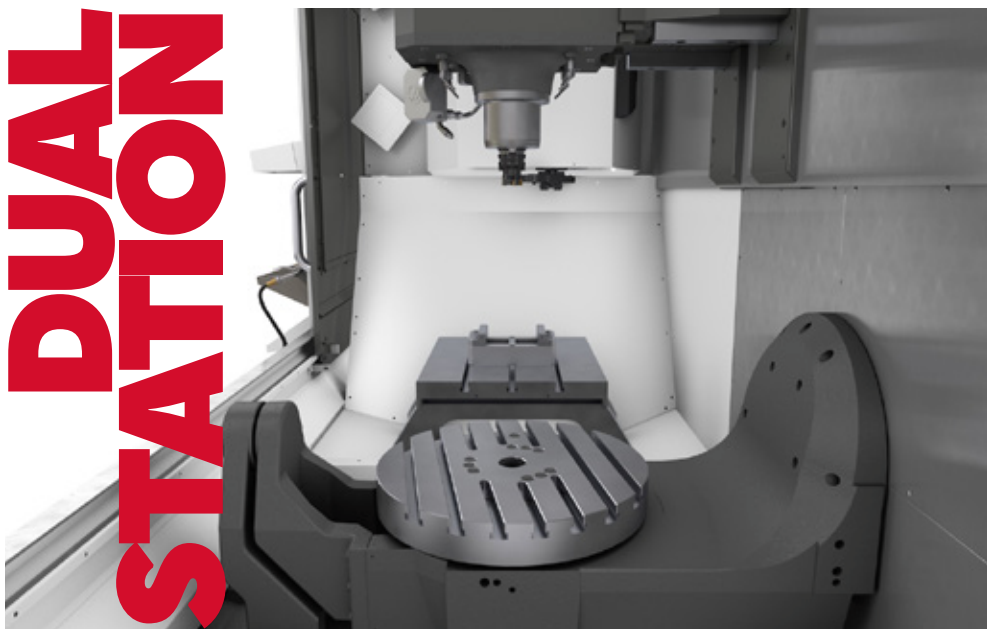
40 Taper / 5 Axis / 12k rpm
30+1 Tool Capacity
32" x 12" T-Slot Table
150°/sec



Haas Automation, Inc.
Universal Machining Centers

NOTE: Pre-production specifications and dimensions; subject to change without notice.

DUAL STATION



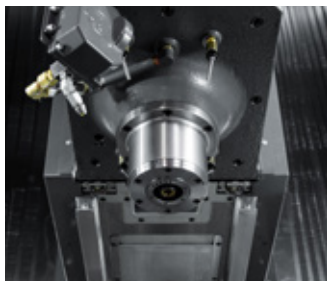
The UMC-1500-DUO features a large 32" x 18" (813 mm x 457 mm) stationary T-slot table on the left that allows rigid setups for heavy material removal operations, using industry-standard table vises. The stationary table is also perfect for setting up first operations, or for machining the 6th side of your completed 5-axis parts.

The integrated dual-axis trunnion on the right has a 19.7" (500 mm) diameter platter that features standard T-slots and a precision pilot bore for fixturing versatility. The trunnion provides +120 and -35 degrees of tilt and 360 degrees of rotation for high-quality, accurate 3+2 or full 5-axis simultaneous machining work.

Both platters are at the same height, so you can use the machine's full X-axis travel to machine long parts.

CYCLOIDAL ROTARY DRIVES

The cycloidal rotary drive system provides a great combination of speed, accuracy, and durability on both the B and C axes. The rugged design provides long service life, with little or no maintenance, and is especially durable in a crash. The cycloidal rotary drive can be back driven to absorb energy from an impact. The shock-load capacity is 5 times the rated torque of the gearbox, and the entire gearbox is a simple drop-in replacement, should damage occur.



15K HSK SPINDLE

The Haas-designed HSK-A63 spindle provides high rigidity and high stability for high-speed, extended-reach machining applications. The HSK (*Hohl Shaft Kegel*, or hollow-shank taper) tooling provides dual contact between the taper and the spindle face, providing a very rigid connection that offers excellent axial and radial accuracy.



STANDARD
on all UMCs

WIRELESS PROBING

Our industry-leading Wireless Intuitive Probing System (WIPS) sets the standard for integrated probing systems.

ALSO INCLUDES:

- Spindle Orientation
- User-Definable Macros
- Coordinate Rotation and Scaling
- Visual Part Programming System

DWO/ TCPC

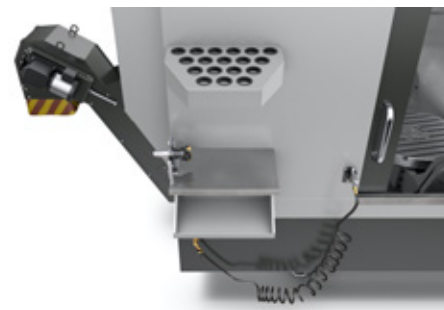
Simplify 5-axis machining.



- Simplifies setup operations – part and fixture can be placed anywhere on the table / platter
- Saves money by eliminating costly workholding, like self-centering fixtures
- Eliminates the need to regenerate programs from the CAM system
- Makes setting up 5-axis jobs as easy as setting up a 3-axis machine

OPERATOR CONVENIENCE

The UMC-1500-DUO's operator convenience features are mounted to the front of the machine for easy access, including a toolholder storage rack, work table, toolholder vise, storage tray, and washdown hose.



**Optional*

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

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MYHAAS YOUR NEW FLEET MANAGEMENT

Machine Details

EC-1600ZT
#0795 EC-1600ZT

Serial #: 2054741
Group: MyHaas
Build Date: 9/15/2018
Warranty Start: 5/15/2019
Warranty End: 5/15/2020

Status: **ACTIVE**

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LATEST ACTIVITY

[Notification Settings](#)

Action Date	Time	Machine Event
08/05/19	15:32:47	Program Started
08/05/19	15:28:56	Program Stopped
08/05/19	15:04:53	Program Started
08/05/19	14:51:23	Program Stopped
08/05/19	14:18:59	Program Started
08/05/19	14:10:24	Program Stopped
08/05/19	13:32:21	Program Started
08/05/19	13:27:06	Program Stopped
08/05/19	12:48:53	Program Started
08/05/19	12:39:03	Program Stopped

Machine Options

- [Tool Changers](#)
- [Multi-Axis Machining](#)
- [Probing](#)
- [Chip & Coolant Management](#)
- [The Haas Control](#)
- [Legacy Options](#)

View detailed information about your machine, including serial number, machine build date, and warranty start /end dates.

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See how your machine is configured, with a detailed list of every option installed.

MYHAAS MACHINE DETAILS PAGE View detailed information about your machines, including serial numbers, build dates, warranty start/end dates, product details, and machine option details. **Sign up now at HaasCNC.com/myhaas**

HAAS DROP

HaasDrop is a fast and convenient method for sending images, videos, and even program files from a mobile device directly to a Haas NextGen Control. Download the free app, and start transferring files directly to the Haas control.



MAKE THE CONNECTION WITH HAASCONNECT

Get your machine status notifications anywhere, on any device! The Haas Control has the ability to send you, and others you designate, email notifications about the operating status of your Haas machine. Set up is fast and easy through the MyHaas Portal and HaasCNC.com.



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Actual product appearance may differ. Pricing subject to change without notice.