



Haas
F1 Team
OFFICIAL MACHINE TOOL

DUO

UMC-1500-DUO

5-Axis and 3-Axis
Machine in One!



5-AXIS PRODUCTIVITY

With Some
Extra 3-Axis
On The Side

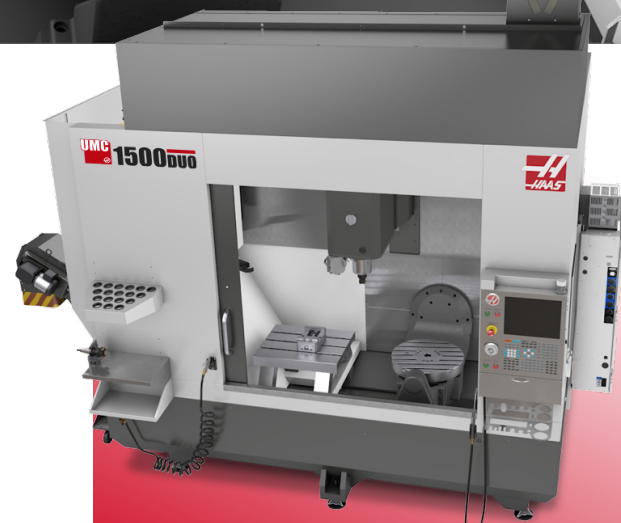


The Haas **UMC-1500-DUO** is like having two machines in one: a powerful 5-axis universal machining center, and a versatile 3-axis vertical machining center. We've taken our industry-leading UMC-750 universal machining center, expanded its X-axis travel, and added a stationary 32" x 18" (813 x 457 mm) 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 18" (813 x 457 mm) T-Slot Table
50°/sec Rotary Indexing

UMC-1500-DUO SS

40 Taper / 5 Axis / 12k rpm
30+1 Tool Capacity
32" x 18" (813 x 457 mm) T-Slot Table
150°/sec Rotary Indexing



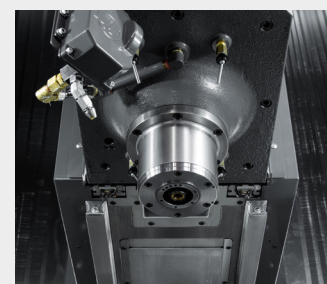
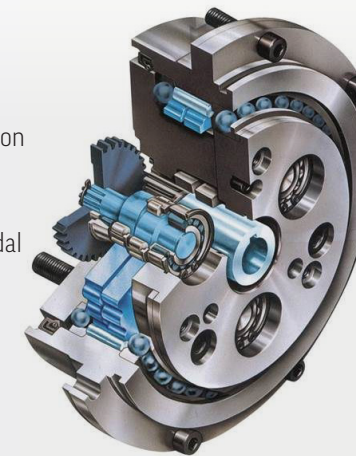
The UMC-1500-DUO features a large 32" x 18" (813 mm x 457 mm) stationary T-slot table on the left that allows rigid setups for heavy material removal operations, using industry-standard table vises. The stationary table is also perfect for setting up first operations, or for machining the 6th side of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



Wireless Probing

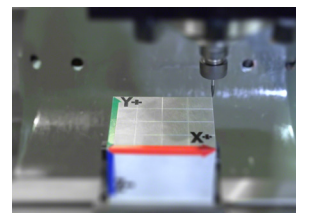
Our industry-leading Wireless Intuitive Probing System (WIPS) sets the standard for integrated probing systems.

ALSO INCLUDES:

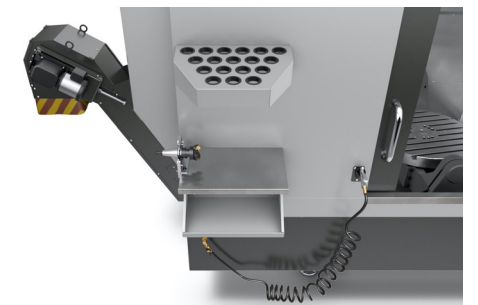
- Spindle Orientation
- User-Definable Macros
- Coordinate Rotation and Scaling
- Visual Part Programming System

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*

MyHaas: Meet 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

Up-to-the-minute live event tracking with HaasConnect remote monitoring.

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.

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


Find out about the latest upgrades available for your machine, order parts, and quickly access service guides, manuals, and videos.

The MyHaas App Keeps You Connected




Haas Tooling & Parts

Order tooling and parts, see technical specification, and view orders.




Speeds & Feeds Calculator

Calculate speeds and feeds for milling and tapping




HaasDrop

Send files directly to your Haas machine from your phone




My Machine

Manage your machines by viewing its details, learning about upgrades, ordering parts, and seeing its activity.



HaasConnect



View and generate CSV file for the latest activity for all your HaasConnect enabled machines.



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Fix your machines with troubleshooting guides, diagrams, videos and FAQs.

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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.