



Haas  
F1 Team  
OFFICIAL MACHINE TOOL

# GENIE

## THE HAAS NEXT GENERATION CONTROL

The Industry-Standard  
on Every Haas Machine





# THE HAAS CONTROL

The industry's best CNC control keeps getting better.

Haas Automation's Control continues to prove itself as the machine tool industry's most user-friendly CNC control.

The Haas control is fast, smart, and powerful, with a simple user interface and consistent, intuitive navigation. For us, operator ease-of-use is always paramount, and our latest machines are packed with powerful features that simplify job setup and operation to make your shop more productive.

## STANDARD CONTROL FEATURES:

- Dedicated Keypad
- One-Button Features
- Multi-Function Jog Handle
- 15" Color LCD Screen
- Ethernet Interface
- USB Port
- Advanced Tool Management
- 1 GB Memory
- Power-Failure Detection Module
- M130 Media Player
- HaasConnect Mobile Monitoring
- HaasDrop Wireless File Transfer
- WiFi Connectivity



# PRODUCTIVITY OPTIONS

Unlock all of your machine's potential.

## Visual Programming System

The Haas Visual Programming System uses graphical templates and a form-like interface to help you quickly create G-code programs for not only basic part features, but also more complex operations, like Y-axis milling/drilling, probing, and more. Simply define the feature in the template, and VPS then outputs working G-code at the touch of a button. VPS also includes a custom template generator, so you can create templates for your own part features or frequently used programs.



## High-Speed Machining

Using a motion algorithm called "acceleration before interpolation," combined with full look-ahead, the HSM option allows contouring feedrates up to 1200 ipm\* (30 m/min) without risk of distortion to the programmed path. The look-ahead algorithm determines the fastest feedrate at which each stroke can be blended into the next without stopping. This results in higher accuracy, smoother motion, and a higher actual feedrate - even with complex part geometry.

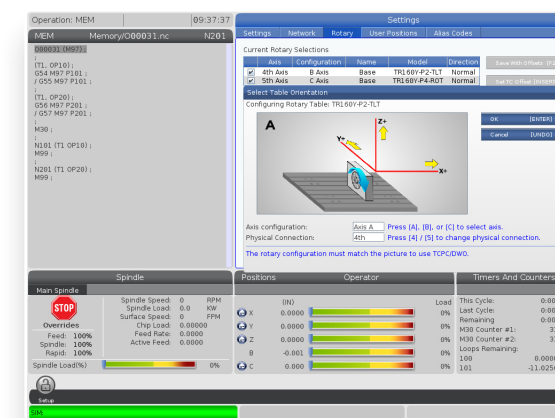
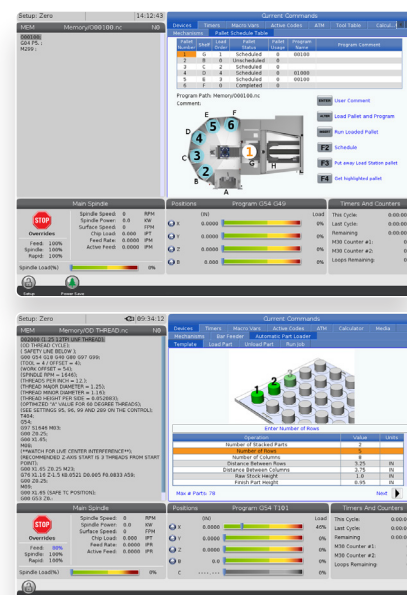
\*Maximum feedrate determined by machine model

## Easy-to-use Haas Control Interfaces

**The Pallet Pool interface** programs like any other Haas machine using industry standard G-Code. All pallets in the pallet pool are scheduled using the versatile pallet screens found on the Current Commands pages in the control. Here, the operator can easily assign a program to each pallet, schedule jobs, and set the priority for each pallet.

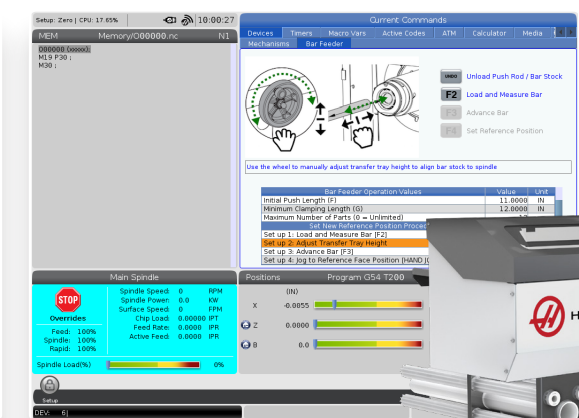
**Easy-to-Use APL Interface** - Our easy-to-use APL interface uses simple, step-by-step instructions to help the operator "teach" the APL the correct positions for picking up, loading, and unloading parts.

**Easy-to-Use Robot Interface** - No third-party integrator is needed. Everything can be set up by the HFO/customer, and is controlled directly through the Haas control and the machine's touchscreen remote jog handle, with an easy-to-use interface similar to APLs.



## Rotary Configuration

Set up and configure your Haas rotary table using simple, on-screen dialogue and icons, and quickly designate rotary axes to correspond to the rotary table's orientation.



## Bar Feed Setup

Set up your Haas Bar Feeder and adjust all parameters directly from the Haas control, using simple and intuitive on-screen prompts and icons.





# The Choice is Plain to See

The Haas control makes it easier – with pictures, videos, and graphics.

## M130 Media Display

The Haas M130 Media Display M-Code is a powerful tool for communicating with machine operators and programmers directly from the Haas control as a program runs. Call up setup instructions, tool lists, CAD images, manufacturing information, and more. When the program reaches an M130, the specified media (image, video, or PDF) is displayed on the control screen.



## Alarm Videos

When your machine alarms out, the first thing you want to know is: Why? The Haas control not only includes fully descriptive alarm text explaining the problem, but for many common alarms, it also includes short videos explaining the alarm, and providing valuable troubleshooting tips to resolve the issue.



## Did You Know?

Offset adjustments can be performed without having to calculate new values or switch between multiple screens

The Haas control has settings to help save you energy: auto power-off, sleep mode, LCD backlight, and more

The Haas control has built-in safety features, such as offset adjustment warnings, and cutting graphics

With HaasConnect, you can get mobile notifications of your machine's status, no matter where you are

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