LARGE-PLATFORM CNC Routers for Big Jobs
The Haas gantry-style routers have the power to cut aluminum and other metals, and the speed to cut various plastics and other light materials. These machines easily handle large sheets, or can machine small parts by the thousand. A traveling guard protects the operator from chips and coolant, and keeps the workspace clean.

**GR-510**

**TRAVELS**
- XYZ: 121" x 61" x 11"
- Spindle Nose to Table (~ max): 13.5"
- Spindle Nose to Table (~ min): 2.5"

**TABLE**
- Length x Width x Thickness: 122" x 53" x 1"

**GR-712**

**TRAVELS**
- XYZ: 145" x 85" x 11"
- Spindle Nose to Table (~ max): 13.5"
- Spindle Nose to Table (~ min): 2.5"

**TABLE**
- Length x Width x Thickness: 144" x 72" x 1"

**5-AXIS MILL**

**GM-2-5AX**

**Travels**
- XYZ: 145" x 87.5" x 39"
- Spindle Nose to Table (~ max): 37"
- Spindle Nose to Table (~ min): 5" (Max Rating: 13.4 hp, Max Speed: 20,000 rpm, Max Torque: 11 ft-lbf @ 7500 rpm, Taper: HSK-63F)

**B Axis - Tilt**
- Travel: ±120° (Max Speed: 110 °/sec, Max Torque: 752 ft-lbf)

**C Axis - Rotation**
- Travel: ±245° (Max Speed: 200 °/sec, Max Torque: 760 ft-lbf)

**TABLE**
- Length x Width x Thickness: 144" x 72" x 1"

**TOOL CHANGER**
- Type / Capacity: SMTC / 30+1

**FEEDRATES**
- Max Cutting: 800 ipm
- Rapids on (x/y/z): 800/2100/1100 ipm

**GENERAL**
- Coolant Capacity: 95 gal
- Air Required: 4 scfm @ 100 psi

**STANDARD ON GR-510 AND GR-712**

**SPINDLE**
- Max Rating: 15 hp
- Max Speed: 8100 rpm
- Drive System: Direct Speed, Belt drive
- Taper: CT or BT 40

**TOOL CHANGER**
- Type / Capacity: Carousel / 10
- Max Tool Diameter: 3.5"
- Max Tool Weight: 12 lb

**FEEDRATES**
- Max Cutting: 800 ipm
- Rapids on (x/y/z): 757/2100/1100 ipm

**GENERAL**
- Coolant Capacity: 95 gal
- Air Required: 4 scfm @ 100 psi
READY FOR YOUR LARGE-SCALE TASKS

GR Series machines easily handle large sheets, or can machine small parts by the thousand.

8100-RPM SPINDLE
- Excellent medium-duty spindle
- Grease-packed design is well suited for wood and other non-metallic materials

10-POCKET CAROUSEL
- Cost-effective tool changer
- Simple design
- Durable and reliable moving parts guarantee long life and reliable service

GM-2-5AX DUAL-AXIS SPINDLE
- ±245° of rotation and ±120° of tilt for complex cutting

A LOT MORE Z-AXIS TRAVEL

HSK-63F INTEGRATED MOTOR SPINDLE
LIGHTER | FASTER | MORE RIGID TOOL HOLDING SYSTEM

GET TO EVERY ANGLE

GM-2-5AX MOTION CAPABILITY

Whether you’re machining large airframe components, trimming complex composite structures, or shaping massive layup molds, the GM-2-5AX has the capacity and capability to handle even your largest parts. The 20,000-rpm HSK-63F spindle provides the speed and rigidity you need for long tools and high surface feeds, and the dual-axis spindle head allows you to reach nearly an surface for machining complex contours and difficult features.

- Dual-axis spindle head provides ±245 degrees of C-axis rotation and ±120 degrees of B-axis tilt
- 20,000-rpm HSK-63F spindle
- 30+1 Side Mount Tool Changer
- Rigid-steel construction
- Traveling guard for chip and coolant containment
- 1” thick aluminum table

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

www.HaasCNC.com
IT’S EASIER – WITH PICTURES, VIDEOS, AND GRAPHICS.

THE HAAS CONTROL—Designed, built, and programmed by Haas.

The Haas control – hardware and software – is designed and built in-house, and optimized specifically for Haas machine tools. If there is a problem — Haas Automation takes full responsibility for the entire machine. The Haas control is easy to learn and use, and it is the same across the entire product line. Haas machines are also used extensively in educational institutions around the world, so graduating students are already familiar with the Haas control, which makes finding new operators and programmers easier, and simplifies training.

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
- WiFi Connectivity

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. Use M130 to call up setup instructions, tool lists, part images, manufacturing information, and more. When the program reaches an M130, the specified media (image, video, or PDF) will be displayed in the upper right corner of the control screen.

- Explain difficult-to-understand secondary operations, using pictures and videos
- Avoid miscommunications with your shop peers
- Describe step-by-step part inspection processes
- Share important setup information with shop personnel

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.

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.