THE CONTROL IS AT THE CENTER

Automation touches every part of the Haas CNC experience, but none of it would be possible without our control. The latest generation of the Haas control is crucial to every operation.

/CONNECT

WIRED AND WIRELESS CONNECTION STANDARD

connect to your local area network. Set up is quick easy, and free at HaasCNC.com. and easy through a simple and intuitive interface

Go to HaasCNC.com and click on MyHaas to set up in the Haas Control, and there are no limitations with any common operating systems. Connectivity

HAAS CONNECT

The Haas Control has the ability to send you, and others you designate, email notifications about the operating The Haas Control comes standard with built-in status of your Haas machine. HaasConnect is standard Ethernet and WiFi capability, making it easy to with all Haas machines, and free to use. Set up is fast,

your HaasConnect account.

/PROGRAM

VISUAL PROGRAMMING SYSTEM >>

The Haas Visual Programming System lets you quickly create G-code programs for basic and complex part features, like Y-axis milling/drilling, using graphical templates and a form-like interface. 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.

/INTERACT

FLEET MANAGEMENT WITH MYHAAS







Your fleet, at your fingertips. With a MyHaas account, you can monitor all the machines in your shop*, order replacement parts, save machine quotes, and more. Integrate MyHaas with your HaasConnect account and you'll unlock everything you need to keep your shop up and running from the comfort of your laptop.

*Haas NGC machines only. Must be connected to the internet.

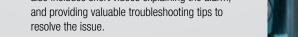


M130 MEDIA DISPLAY The Haas M130 Media Display M-Code is a powerful

tool for communicating with machine operators and programmers directly from the Haas control. Use M130 to call up setup instructions, tool lists, CAD 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.

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 now also includes short videos explaining the alarm, and providing valuable troubleshooting tips to





AUTOMATE LATHE PART PRODUCTION

The Haas Bar Feeder is a simple and affordable way to automate part production on Haas turning centers to boost productivity. Designed and built for use with Haas ST and DS series CNC turning centers, the Haas Bar Feeder integrates seamlessly with the Haas control.

DUAL-STAGE PARTS CATCHER>>

Our two-stage automatic parts catcher moves completely out of the primary work envelope during machining, and guickly moves into place when commanded at the end of a cycle. For parts with short cycle times, the arm can be left in the extended position, with only the tray rotating up to catch parts at the end of cycle.

The catch tray is easily adjusted for different part-off locations, and can be positioned to catch parts from either the main spindle or optional sub-spindle.



AUTOMATIC COOLANT REFILL

such as keeping the machine running and producing parts.

The Haas Automatic Coolant Refill System monitors the machine

coolant level, and automatically adds correctly mixed coolant to the

tank. This saves the machine operator valuable time for other tasks,

PROBING SYSTEM Automate your setup process with the Haas

Wireless Intuitive Probing System (WIPS). WIPS allows you to quickly and easily define work offset coordinates, set tool length offsets, and perform in-process inspection, for both part inspection and tool breakage detection. WIPS is a complete probing package, including everything you'll need, from hardware to software, to get up and

WIRELESS INTUITIVE



HAAS AUTO DOOR

Increase productivity and reduce strain on your operators with the Haas Auto Door. This simple, reliable system opens the machine doors automatically via an M-code, or manually via a button on the control pendant. This reduces operator fatigue during repetitive machining operations, and simplifies integration with robotic loaders

ROTARY QUIKCHANGE ACCESSORIES

Our QuikChange Rotary Accessories and Tooling Blocks increase productivity by allowing multiple parts to be mounted to the fixtures and blocks, so that more parts and more sides can be machined per setup. This reduces cycle times, boosts throughput, and increases profits. The operator can load/unload parts on one QuikChange cube or plate, while parts are being machined on another.



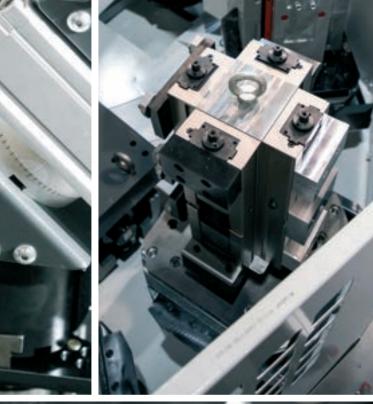
SUB-SPINDLE FOR FINISHING

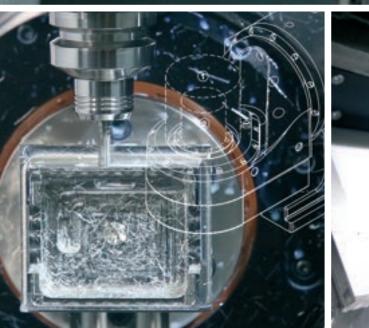
Our sub-spindle for ST-10 through ST-25 turning centers (including Y-axis models) provides new options for finishing the 2nd-op side of your part in a single machine, making you more productive.

This affordable A2-5 spindle features a 135 mm hydraulic chuck, and it's fully synchronizes with the main spindle for on-the-fly part handoff, allowing you to finish the backside of your part in a single setup. Simply load a raw workpiece, and you'll have a finished part the next time you open the door. A built-in part ejector propels the finished part into the optional parts catcher for automated operation.

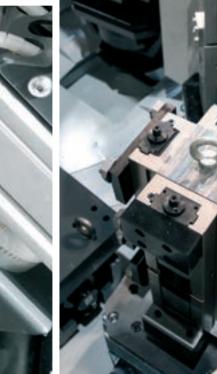




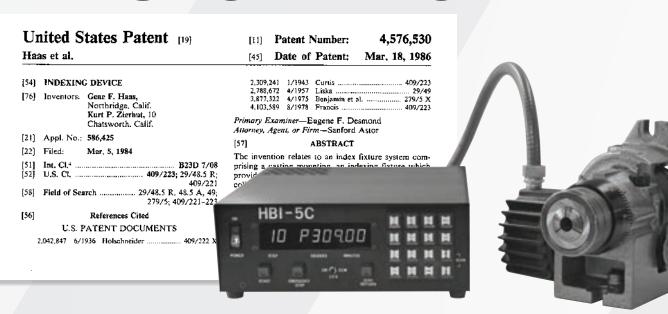








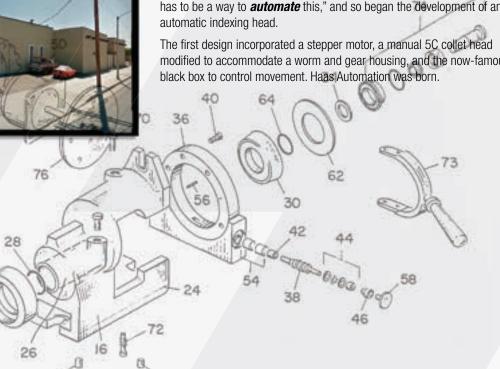
OUR BEGINNINGS IN AUTOMATION



RECENT COLLEGE GRADUATE, GENE HAAS, OWNED A
JOB SHOP IN SIMI VALLEY, CALIFORNIA, MACHINING
PARTS FOR THE AEROSPACE INDUSTRY. One day, he noticed one of his two employees running a job that required indexing a part with a manual 5C collet head. Using the dividing head was a real nuisance, because you had to let go of the quill handle and use both

hands to index the part to the next position. Gene thought to himself, "There has to be a way to **automate** this," and so began the development of an

The first design incorporated a stepper motor, a manual 5C collet head modified to accommodate a worm and gear housing, and the now-famous



AUTOMATION IS 4TH AND 5TH AXIS

Automation is about eliminating operations and simplifying processes, and the fastest way to eliminate operations on your 3-axis mill is to add a Haas single- or dual-axis rotary table. You can reduce or totally eliminate multiple setups, and easily handle multi-sided parts. Haas rotary tables and indexers are the perfect bolt-on solutions for boosting productivity and machining complex parts

HIGHER PRODUCTIVITY THROUGH AUTOMATION

Haas HA5C single-axis and T5C dual-axis rotary indexers are the ideal choice for holding smaller parts. They are easy to program, interface, and set up; and our precision in-house manufacturing processes ensure high quality and years of dependable operation. With more than three decades of refinement, Haas rotary indexers are the industry benchmark for quality, accuracy, and dependability.

- HA5C HA5C2 HA5C4 T5C T5C3 · HA5CS · HA5C3 · HA2TS · T5C2 · T5C4
- /REDUCE SETUPS

TRT ROTARY SOLUTIONS

Our TRT tilting rotary tables not only put 5-axis capabilities well within reach of the average job shop, but their new smaller sizes also provide greater mounting flexibility than before. We've completely redesigned the TRT160 to create a much more compact and versatile 5-axis solution for smaller mills, including Haas Mini Mills and Toolroom Mills. The new unit easily fits on one end of a machine's table, leaving the remainder open for additional fixtures or vises.

- TRT100 TRT210

/INCREASE CAPACITY

5-AXIS MACHINING FOR EVERY SHOP

Haas TR Series dual-axis trunnion rotary tables offer maximum rigidity and accurate performance for 3+2 and full 5-axis machining. The trunnion design provides additional capacity and larger swing to handle medium to large parts. Scale feedback on the A (tilting) axis increases positioning accuracy and repeatability. These dual-axis rotaries bolt directly to the mill's table to provide simultaneous 5-axis motion, or position parts to nearly any angle for multi-side machining.

- TR200Y TR310

The **Haas Automatic Parts Loader** (APL) is designed with today's job shop in mind, providing simple and affordable automation on Haas turning centers. The APL integrate seamlessly with the Haas control, and is set up using an intuitive interface that uses graphics, animations, and detailed text to guide the operator through the steps setup values are saved with the program, making part changeovers fast and easy. Part management is done using one of three included templates, which handle parts from 25 -147 mm in diameter.

AVAILABLE ON

- ST-10Y
- ST-15Y

• ST-20Y • ST-25Y

mix/low-volume machining. They integrate seamlessly with the Haas control.

automatically run when a specific pallet is loaded The M199 code at the end of each change to load the next scheduled pallet, and then run the program allows the user to start machining on any pallet, and continue

AUTOMATION APLS & PALLET POOLS

as pallets are scheduled

uninterrupted machining as long



• EC-400 • UMC-1000 • UMC-1000