

# Haas Robot Ready Option



## The Robot Ready Interface



Haas Automation, Inc., has developed a single-point interface that standardizes communication between the Haas control and a parts-loading robot. Available on select Haas machines, the pre-engineered, Robot Ready option includes the necessary hardware, DeviceNet™ I/O module and software to connect a Haas mill or lathe to a machine-tending robot. This option simplifies robot set-up, making it easier for more shops to use robotic cells for their manufacturing.

Haas machine tools have been used in robot-tended installations for years. The mid-size Haas mills and turning centers have ideal footprints and work envelopes for use

in high-production robotic cells. In the past, however, each discrete cell required its own unique hardware set-up for the machine and robot to communicate effectively.

The Robot Ready option allows a Haas CNC machine to integrate easily into a robotic cell. It is a flexible solution that allows machines to be added, removed or exchanged as production changes or the machine shop grows.

An engineering document detailing the Robot Ready Interface is available from Haas Automation or your local Haas Factory Outlet. Visit [www.HaasCNC.com](http://www.HaasCNC.com) for links to robot manufacturers, as well as sources for workholding, grippers and safety fencing.

### [ Robot Ready Features ]

- Easy Connection Using Ethernet or DeviceNet™ Protocol – one cable connection from robot to CNC
- Easy Programming – add robot requests to any CNC program using M-codes
- Safe Remote Cycle Start Capable
- Example Programs Available

ISO 9001:2000



Haas Automation, Inc. | [www.HaasCNC.com](http://www.HaasCNC.com) | 800-331-6746 | Made in U.S.A.

Prices and specifications subject to change without notice. Not responsible for typographical errors.

Feb 2011