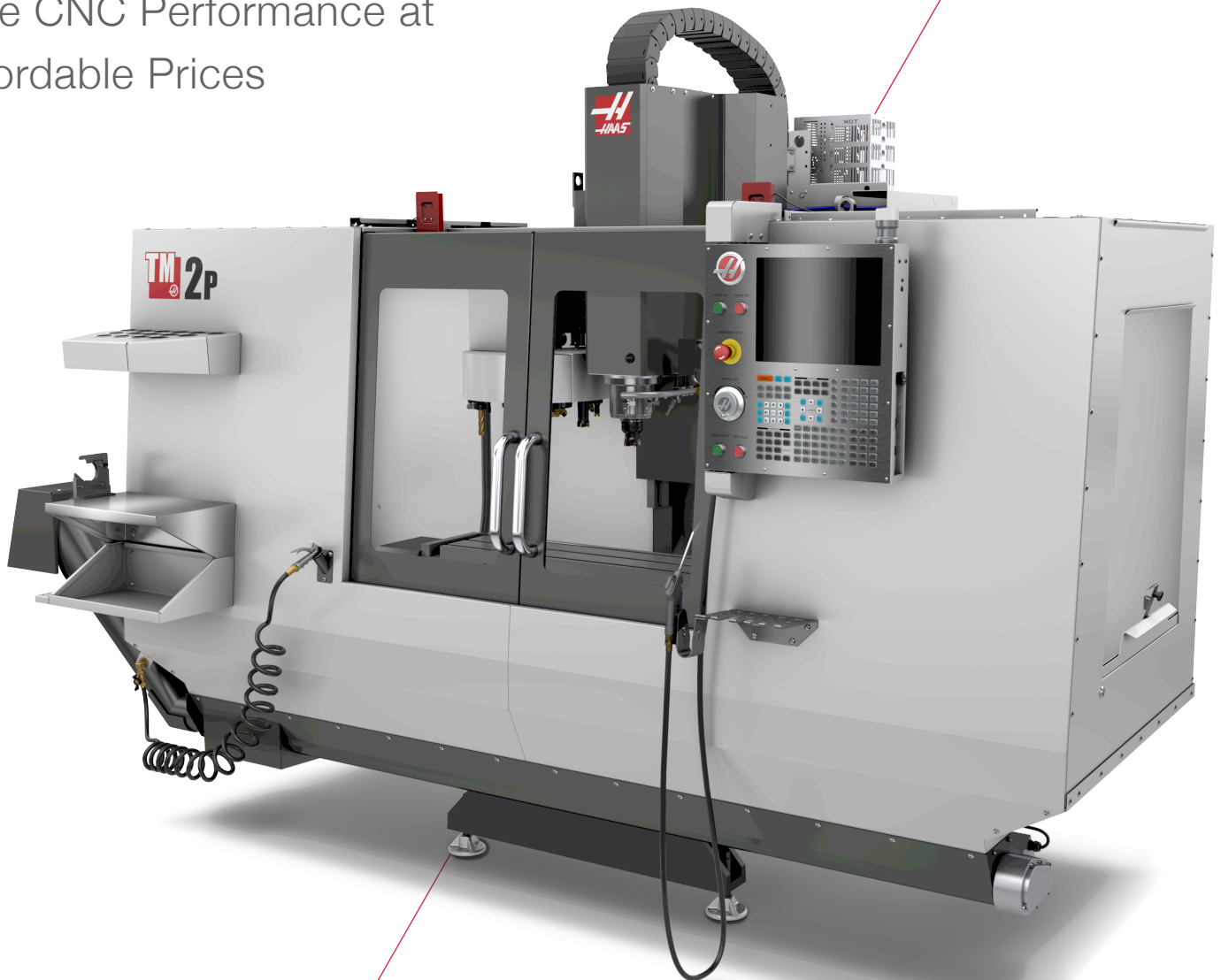




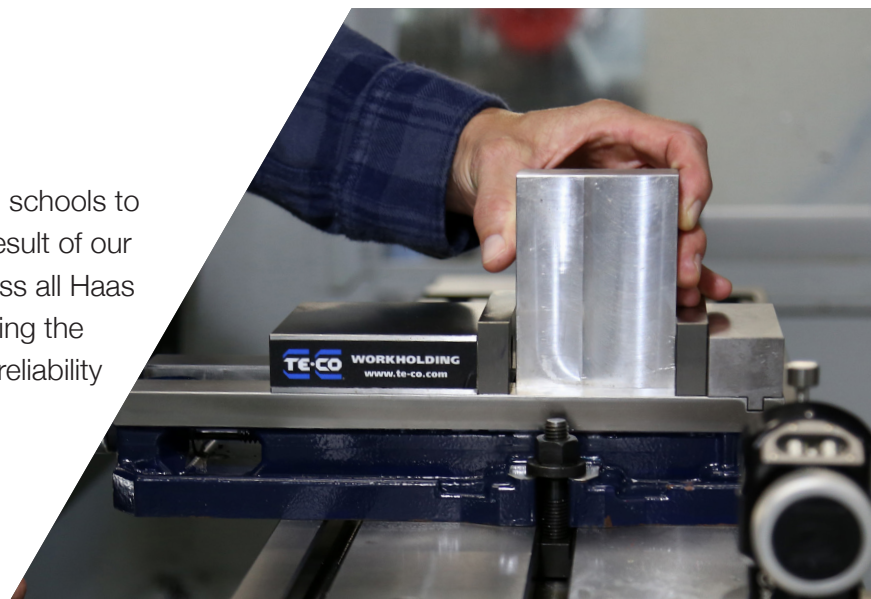
Vertical Mills:  
**Toolroom Series**

True CNC Performance at  
Affordable Prices



# Toolroom Series

Haas Toolroom Mills are found everywhere – from schools to high-end production shops. Their versatility is a result of our commitment to using common components across all Haas machine tools. This results in all machines, including the Toolroom Mills, benefitting from improvements in reliability and performance.



**40** / **3/4/5** / **4k-10k** / **1-20**  
TAPER      AXIS      RPM      TOOL CAPACITY

## Large Travels. Big Capabilities. Small Price.



### SPINDLES

Reliable, high-performance spindles – designed and manufactured by Haas.

#### STANDARD

- 4000-rpm, Belt Drive (TM)
- 6000-rpm, Belt Drive (TM-P)

#### OPTIONAL

- 6000-rpm, Belt Drive (TM)
- 10,000-rpm, Belt Drive, Greased (All)



### TOOL CHANGERS

Capacity and speed to minimize your cycle times and fit your budget.

#### STANDARD

- No Tool Changer (TM)
- 10-Station Carousel (TM-P)

#### OPTIONAL

- 20-Station Carousel (TM-2P/3P)



### CHIPS & COOLANT

Features and options to help your machine do what it does best – make chips efficiently.

- Programmable Coolant Nozzle\*
- High-Flow Coolant Pump\*
- Automatic Air Gun\*
- Chip Auger\*



### HAAS CONTROL

Faster, smarter, and better than ever, with the goal of keeping your spindle turning.

- HaasConnect Remote Monitoring
- Ethernet Connectivity
- User-Definable Macros\*
- DWO/TCPC\*
- Expandable Memory\*
- WiFi Connectivity\*

## Available Models

**TM-1**  
30" x 12" x 16"

**TM-1P**  
30" x 12" x 16"

**TM-2**  
40" x 16" x 16"

**TM-2P**  
40" x 20" x 16"

**TM-3**  
40" x 20" x 16"

**TM-3P**  
40" x 20" x 16"

**BUILD & PRICE** yours  
at [www.HaasCNC.com](http://www.HaasCNC.com)

**HAAS**