

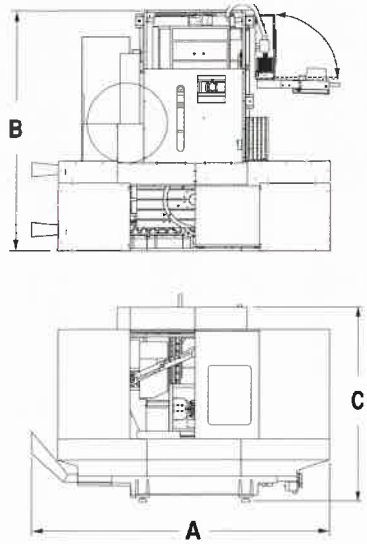
The Haas EC-1600

Standard Features

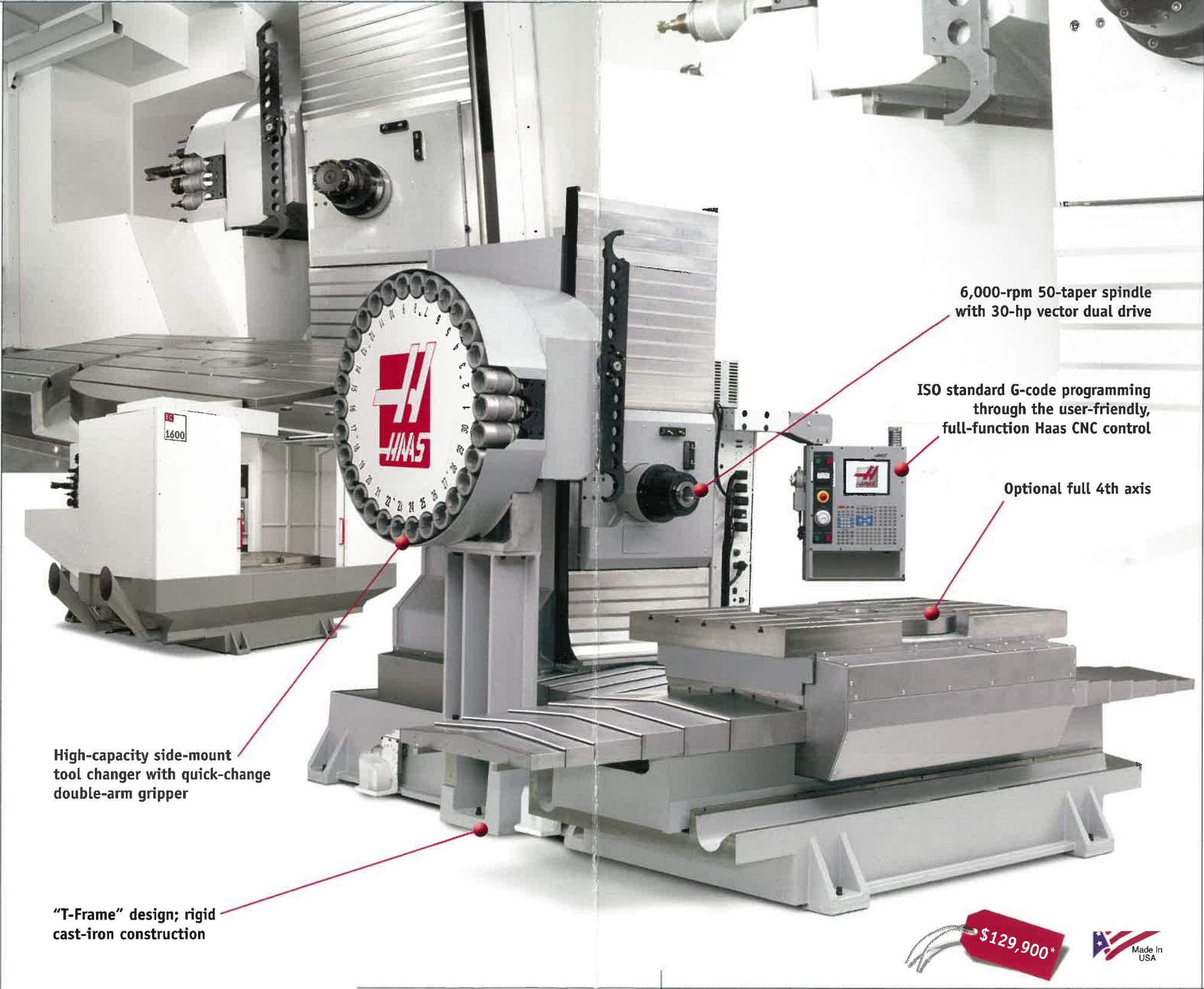
- 30-hp Vector Dual Drive
- 6,000-rpm 50-Taper Spindle
- 2-Speed Geared Head
- 540-ipm Rapids
- Side-Mount Tool Changer, 30+1 tools
- Remote Jog Handle
- Rigid Tapping
- Brushless Servos on All Axes
- User-Friendly Haas Control
- ISO Standard G-Code Programming
- Easy Setup and Operation
- Made in the USA

Options (partial list)

- 30-hp, 10,000-rpm Geared Head Spindle
- Full 4th-Axis Rotary Platter
- 5-Degree Face Gear Indexer
- Machine Enclosure with Coolant System and Dual Chip Augers
- Through-Spindle Coolant
- Programmable Coolant Nozzle
- Linear Scales
- High-Speed Machining w/look-ahead
- Visual Quick Code (VQC) Programming
- VQC Probing System
- Hard Drive & Ethernet Interface
- 16 MB Program Memory
- 3.5" Floppy Disk Drive
- Coordinate Rotation & Scaling
- User-Definable Macros



Warranty: 1 Year Parts and Labor



Specifications

Travels	
X	64" 1 626 mm
Y	40" 1 016 mm
Z	32" 813 mm
Spindle	
Taper	50 Taper
Speed	6,000 rpm (10,000 optional)
Drive System	2-Speed Geared Head
Max Rating	30 hp 22.4 kW
Max Torque @ 500 rpm	450 ft-lb 102 Nm
Table	
Width	32" 813 mm
Length	64" 1 626 mm
Number of T Slots	5
Max Weight on Table	10,000 lb 4 536 kg
Feedrates	
Rapids	540 ipm 13.7 m/min
Max Cutting	500 ipm 12.7 m/min
Tool Changer	
Capacity	30+1
Tool Taper/Type	CT 50 or BT 50
Max Tool Dia (full)	4.0" 102 mm
Max Tool Dia (adjacent empty)	10" 254 mm
Max Tool Weight	30 lb 13.6 kg
Accuracy (w/ linear scales)	
Positioning	±0.0003" ±0.0076 mm
Repeatability	±0.0002" ±0.0051 mm
Optional Full 4th Axis	
Platter Diameter	30" 762 mm
Drive System	Servo
Minimum Resolution	0.001°
Rotational Torque (continuous)	2,000 ft-lb 2 712 Nm
Brake Torque	4,000 ft-lb 5 423 Nm
Indexing Accuracy	± 30 arc sec
Repeatability	15 arc sec
Max Weight on Platter	10,000 lb 4 536 kg
General	
Power Required (min)	208 VAC 3-Phase
Machine Weight	40,000 lb 18 144 kg
Air Required	4 scfm @ 100 psi 113 lpm @ 6.9 bar

\$129,900*

Made in USA

Operating Dimensions		EC-1600
A.	Max Operating Width	171" 4 343 mm
B.	Max Operating Depth	142" 3 607 mm
C.	Max Operating Height	115" 2 921 mm

* Base price in U.S. dollars. Prices and specifications subject to change without notice. Not responsible for typographical errors. Machine shown with optional equipment.

Haas EC-1600s are available only at a Haas Factory Outlet (HFO). For your local HFO, contact 800-331-6746 or go to www.HaasCNC.com.