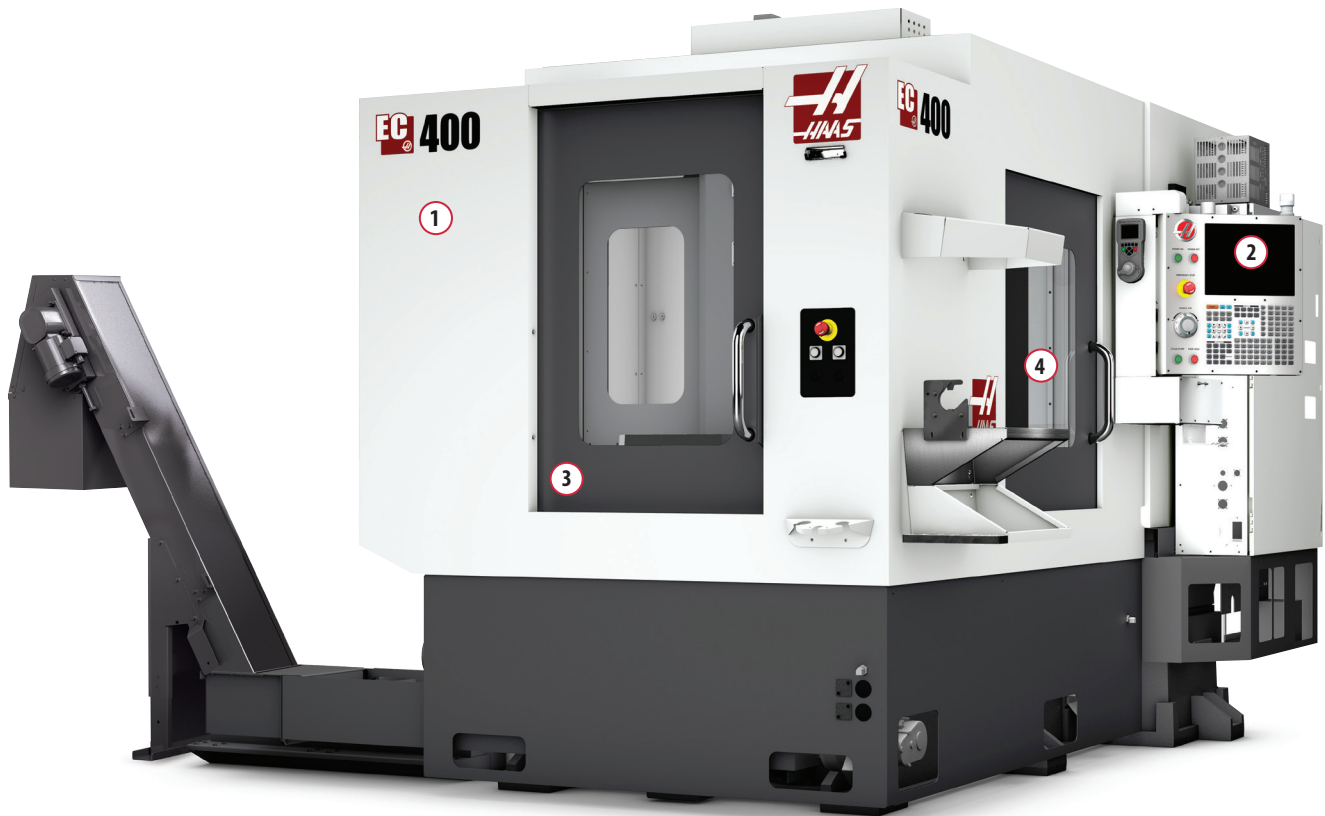


Haas EC-400



The Horizontal Machining Center



1. Standard side-mount tool changer, 24+1 tools

2. ISO standard G-code programming through the user-friendly, full-function Haas CNC control

3. Dual pallet changer with 400 mm pallets

4. 8 000-rpm 40-taper inline direct-drive spindle

Warranty: 1 Year Parts and Labor

[Standard Features]

- 8 000-rpm Inline Direct-Drive 40-Taper Spindle
- 14,9 kW Vector Drive
- Dual Pallet Changer w/400 mm Pallets
- 1-Degree Face-Gear Indexing
- 24+1 Side-Mount Tool Changer
- 15" Color LCD Monitor w/USB Port
- Belt-Type Chip Conveyor
- Rigid Tapping
- Made in the USA

[Options] *partial list*

- 12 000-rpm Inline Direct-Drive Spindle, 22,4 kW
- Full 4th-Axis Rotary System
- 40+1 Side-Mount Tool Changer
- 70+1 Side-Mount Tool Changer
- High-Speed Machining w/Look-Ahead
- Through-Spindle Coolant Systems
- Programmable Coolant Nozzle
- Ethernet Interface
- Intuitive Programming System
- Wireless Intuitive Probing System



Haas Automation Europe | www.HaasCNC.com | +32 2 522 99 05 | Made in U.S.A.

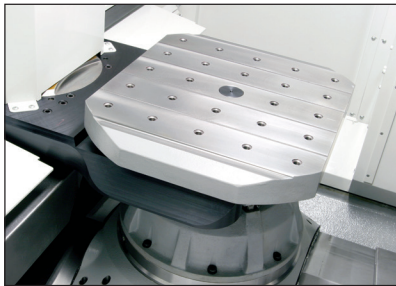
Specifications subject to change without notice. Not responsible for typographical errors. Machines shown with optional equipment. Actual product appearance may differ.

Haas EC-400



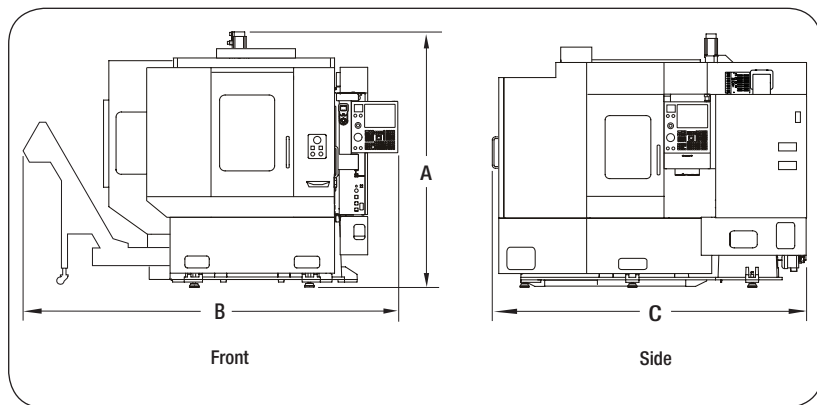
The Horizontal Machining Center

The EC-400 is a 40-taper horizontal workhorse that features a generous 508 x 508 x 508 mm work envelope, a pallet changer with 400 mm pallets, and a built-in 1-degree pallet indexer. An 8 000-rpm spindle is standard, with a 12 000-rpm spindle available as an option. Both spindles feature an innovative inline direct-drive system that couples the spindle directly to the motor to reduce vibration, heat, and noise.



A built-in pallet changer with 400 mm pallets doubles productivity. The operator load station allows part loading/unloading on one pallet while parts are being machined on the other.

The EC-400 comes standard with an inline direct-drive spindle that spins to 8 000-rpm. For high-speed work, a 12 000-rpm inline direct-drive spindle is available.



Operating Dimensions	EC-400
A. Max Operating Height	2 591 mm
B. Max Operating Width	3 759 mm
C. Max Operating Depth	4 039 mm

[Specifications]

Travels	
X	508 mm
Y	508 mm
Z	508 mm

Pallet Changer	
Pallet Size	400 x 400 mm
Change Time	8 sec

Indexer (standard)	
Capacity	454 kg
Indexing Resolution	1 degree
90° Rotation Time	2,5 sec

Optional Full 4th Axis	
Capacity	300kg
Indexing Accuracy	±15 arc-sec
90° Rotation Time	3 sec

Standard Spindle	
Speed	8 000 rpm
Drive System	Inline Direct Drive
Max Torque	102 Nm @ 1 400 rpm
Max Rating	14,9 kW

Optional Spindle	
Speed	12 000 rpm
Drive System	Inline Direct Drive
Max Torque	122 Nm @ 2 000 rpm
Max Rating	22,4 kW

Feedrates	
Rapids	25,4 m/min
Max Cutting	12,7 m/min

Tool Changer	
Capacity	24+1 (40+1, 70+1 opt)
Tool Type/Taper	CT or BT 40

General	
Coolant Capacity	360 L
Power Required	354 - 488 VAC 3-phase 50-60 Hz
Air Required	255 Lpm @ 6,9 bar

