



**Campbell Grinder
Company**

*UNMATCHED PRECISION.
PROVEN PERFORMANCE.*



1000 LEAN

VERTICAL GRINDING REDEFINED



OVER 50 YEARS OF PROVIDING

WORLD CLASS SOUTIONS

1000 LEAN

Extremely Innovative Ergonomics

Dual access doors provide 180° accessibility around the table for effortless setup and part handling, while LED lighting and an integrated washdown nozzle make operation and cleanup simple.

Designed for safety and efficiency, the machine supports crane and forklift loading and features waist-height, corner-based access to reduce bending and lifting. These ergonomic innovations enable faster setups, quicker changeovers, and safer, more comfortable operation—keeping productivity high and operators protected.



Simple & Safe
Machine Loading



Simple Electrical
Maintenance



Visible & Easy
Fluid Access

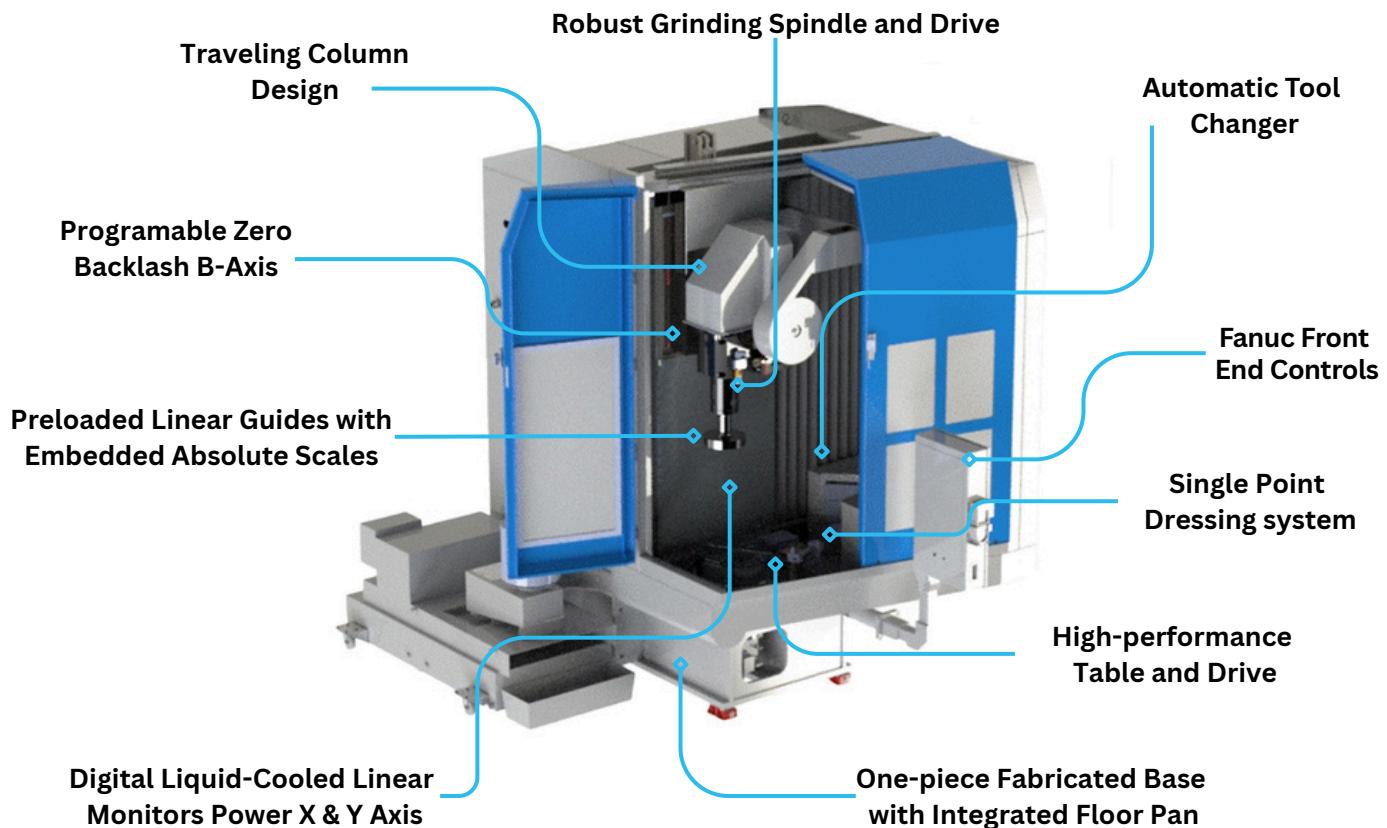


CUTTING EDGE
FEATURES

1000 LEAN

Standard Features

Ensures years of reliable performance by utilizing industry leading components, Campbell-engineered bases and slides, and table bearings



OPTIONAL



FEATURES

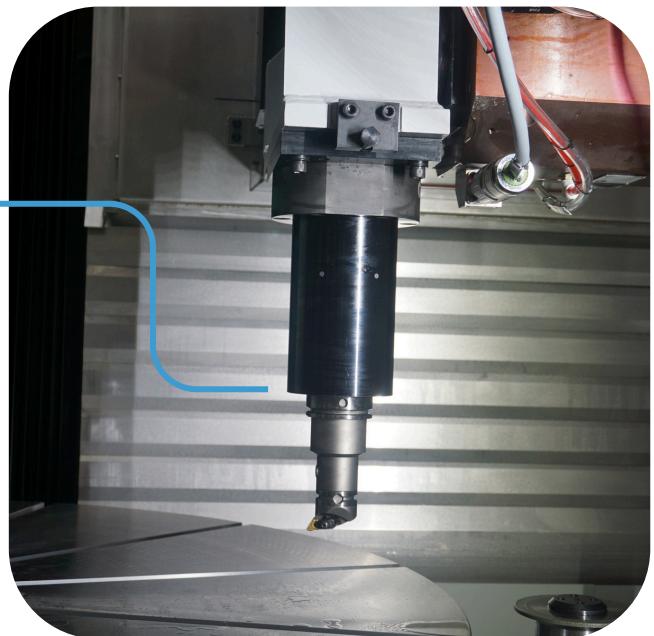
1000 LEAN

Enhanced Capabilities

Increase flexibility for complex part geometries with our optional parts.

Optional Items

- Rotary Disk Dresser
- Part Probing
- Light Turning
- Mag Chuck
- Additional Wheel Arbors
- Additional Warranty



“
*“High Precision
Grinding Machine
innovation since 1969.”*
”

INDUSTRY LEADING

SPECIFICATIONS



Machine Capabilities & Capacity

Grind cylindrical parts up to 750 mm and 950 mm in diameter and parts up to 865 mm tall. The machine can grind OD, ID, face, and tapered features and all derivations of each. The machine comes standard in one size with the rotary table and all linear axes sized specifically. The accuracy is micron-level, without standing surface-finish capabilities. An automatic wheel changer is standard. Grinding coolant is available on the grinding spindle and the stationary stand pipe. The wheel is dressed by a standard, diamond, single-point system.



Part Capacities	1000L800	1000L1000
Max Diameter (Swing)	800 mm (29.5 in)	1000 mm (39.37 in)
Max Height Part and Fixture	865 mm (34.00 in)	865 mm (34.00 in)
Max Part & Fixture Weight	910 kg (2,000 lbs)	910 kg (2,000 lbs)
Grinding Capacities		
Max Diameter	750 mm (29.5 in)	950 mm (39.37 in)
Max Height O.D. Grind	865 mm (34.00 in)	865 mm (34.00 in)
Grinding Spindle		
RPM Range	0-8,500 RPM	0-8,500 RPM
KW / HP	14.9 kw (20 HP)	14.9 kw (20 HP)
Tool Connection Type	HSK 80	HSK 80
Max Arbor Length	203 mm (8.00 in)	203 mm (8.00 in)

INDUSTRY LEADING

SPECIFICATIONS



Grinding Wheel Capacities	1000L800	1000L1000
Max Grinding Wheel Size	305 mm dia x 50 mm wide (12 in dia x 2 in wide)	305 mm dia x 50 mm wide (12 in dia x 2 in wide)
Tool Changer Capacity Kit	6 Tools	6 Tools
Max Tool Length (HSK V notch to outside of wheel clamp flange)	200 mm (8 in)	200 mm (8 in)
Axes Travels		
X Axis	1,000 mm (39 in)	1,100 mm (43.5 in)
Z Axis	865 mm (34 in)	865 mm (34 in)
B Axis	135 degrees (infinitely variable)	135 degrees (infinitely variable)
C Axis	0-250 RPM reversible & non-positioning	0-200 RPM reversible & non-positioning

1000 Lean

Model 1000 Lean Dimensions

Height: 137 inches

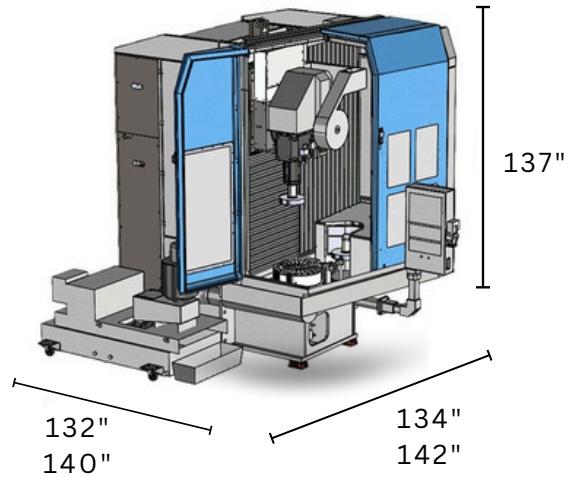
Width 1000L750: 134 Inches

Depth 1000L750: 132 inches

Width 1000L1000: 142 inches

Depth 1000L1000: 140 inches

1000 LEAN



OUR PROCESSES & UNPARALLELED

CUSTOMER SERVICE

Our Elite Service Team

Our customer care is unmatched. A lifetime partnership built on precision, trust, and unwavering support for the entire life of your machine.



- **Health Inspections**
- **Preventative Maintenance**
- **Service Contracts**
- **Extended Warranty**
- **Spare Parts Package**
- **Machine Retrofits & Rebuilds**

ORDERING INQUIRY

CONTACT US



1000 LEAN



ORDERING

INFORMATION



CALL US

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EMAIL US

www.campbellgrinder.com



LOCATED AT

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