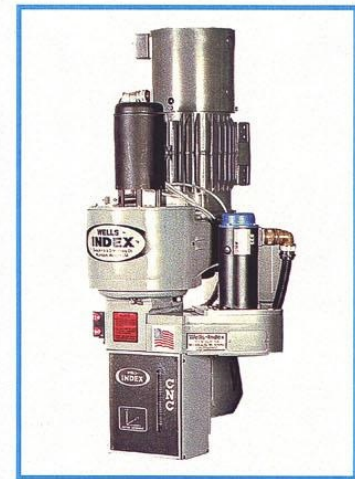
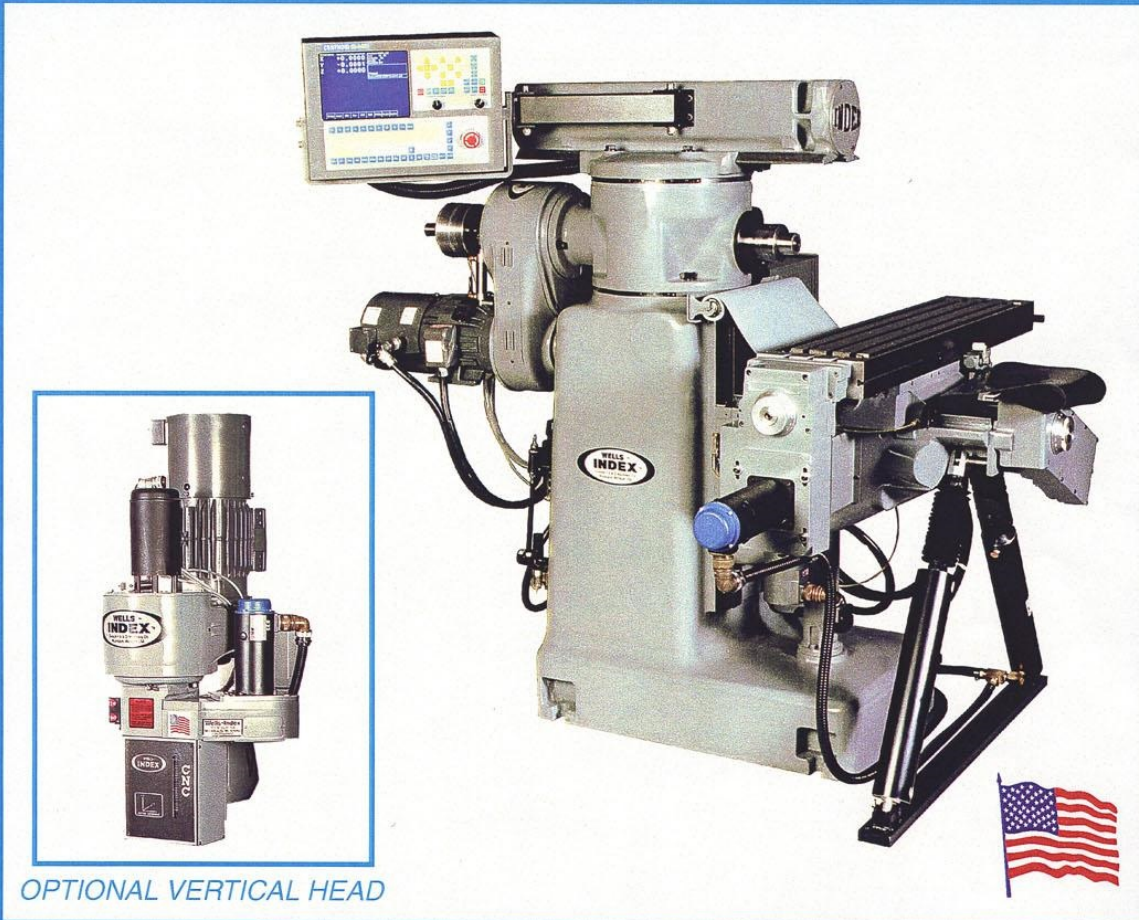




860H CEN HORIZONTAL CNC SYSTEM

- Programmable spindle speeds
- 7.5 HP vector drive

WITH A CENTROID M-400
CNC CONTROL



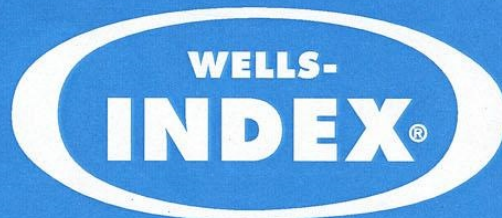
OPTIONAL VERTICAL HEAD

A 100% U.S.A. Manufactured Product By:

Shown with optional equipment

WELLS-INDEX

701 West Clay Ave
Muskegon, MI 49440
800-456-7409 FAX 231 728 7456
sales@wellsindex.com www.wellsindex.com



MODEL 860H CEN MACHINE FEATURES

Specifications

- Automatic Lubrication System
- Way Covers
- Trico Micro Drop Coolant System

	Inch	Metric
Table Size	10" x 48"	254mm x 1219mm
T-slots - 3	.625" W on 2.25" centers	15.88mm W on 57.25mm centers
Coolant Channels	Two	
Controlled Axis	Three	
Table Travel - X	30"	762mm
Knee Travel - Y	14.50"	368mm
Saddle Travel - Z	13.75"	350mm
Overarm Travel	24"	609mm
Spindle Motor	7.5 HP AC (Continuous)	
Spindle Speeds	28-3000 (RPM) Programmable	
Spindle Taper	#40 MMT	
Spindle Brakes	Automatic	
Ways	Hand Scraped & hard chrome plated	
Gibs	Adjustable on X, Y and Z	
Ball Screws - 1 1/4" Dia.	Precision ground on X, Y and Z	
Shipping Weight	3800	1905 kg.
Machine Height	66"	1677mm
Floor Dimensions	8' W x 7 1/2' D	2438mm x 2286mm
Electrical - Specify*	3/230-60 (Std.)	3/460-60 (OPT)
Positioning Accuracy	± 0.0005"	± .013mm
Repeatability	± 0.0002"	± .005mm
Control Resolution	.0001"	.001mm
Axis Servo Drive	Closed-loop DC motors with encoders	
Rapid Traverse Positioning Rate X, Y, and Z	175 IPM	4445 mm pm
Programmable Feed Rate X, Y, and Z	.1 to 175 IPM .1 IPM increments	.1mm to 4445 mm pm .1 mm pm increments
Air Requirements (Coolant)	60-80 PSI	4.2-5.6 kg/cm ²

*Consult factory for other voltages

Options

- Vertical Head (CNC or Manual)
- Power Drawbar
- Chip Pan/Flood Coolant
- Spray Mist Coolant
- Rotary Table

CENTROID M-400 CONTROL FEATURES

Standard Specifications

- 40" lb. Servo Motors
- 15" Color LCD
- Conversational Programming
- Accuracy to .0001"
- Work Coordinate Systems
- 600 Blocks/Second Access Speed
- PC Based CPU w/3.5" Floppy Disc Drive
- Full 3D Contouring
- Standard G & M Codes
- Cutter Radius Compensation
- Linear, Circular & Helical Interpolation
- Drilling Cycles
- Digital 3-Axis Servo Drive
- 32 Bit DSP Technology
- Automatic Spindle Control
- Automatic Coolant Control
- Automatic Spindle Brake
- Automatic Interlocked Lube Pump
- Thread Milling
- Auxiliary M-Functions
- Manual Flood/Mist Select
- B Style Arbor Support

Options

- Digitizing
- Probing
- 4th Axis
- Unlimited File Size
- Tapping Cycles
- Offline Programming
- Rigid Tapping

Specifications subject to change without notice.

Console style varies.

Machine shown with extra cost options.

Wells-Index assumes single source warranty for a period of one year from date of installation.