



NAMEPLATE

For over a 105 years, Clausing has been a leader in the Metalworking industry with rugged dependable Machine Tools.

Today, Clausing Markets and Manufactures the best Machine Tools the World has to offer. Every product is backed by our independently operated Clausing Service Center. The service center has over 50,000 parts, and 95% of all orders are shipped within 24 hours. Highly qualified technicians are available to provide phone and on-site support.



CLAUSING MULTITURN CNC LATHES

Highly versatile toolroom CNC lathe that can handle a wide range of turning applications with the latest generation FANUC Oi T with "Alpha Operation System" Control on XS series, or FAGOR 8060 TC CNC Control on MR series. The MultiTurn has a range of four advanced technology lathes with 13", 15", 18", & 21" swings and up to 120" centers.



CLAUSING MULTITURN LARGE CAPACITY CNC LATHES

Highly versatile flat bed design, engineered for precision and maximum CNC performance. Equipped with the latest generation FANUC Oi T with "Alpha Operation System" Control on XS series, or FAGOR 8060 TC CNC Control on MR series. The Clausing MultiTurn are the perfect machine for large capacity CNC turning and available in 26" and 30" swings, with 60" to 240" centers.



CLAUSING/COLCHESTER 13" & 15" GEARED HEAD LATHE

The standard of the industry for performance and quality at a reasonable cost.



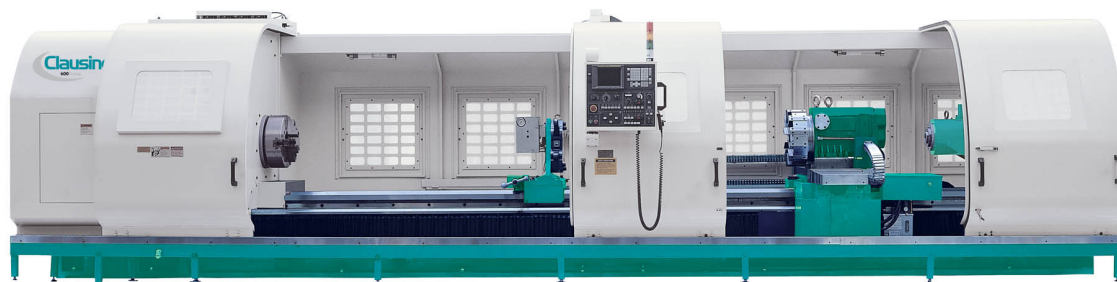
CLAUSING/COLCHESTER 'PROFESSIONAL' ENGINE LATHES

Setting the standard for toolroom lathe performance with an AC Inverter Variable Speed Spindle Drive. Available with 13", 15", 18" and 21" Swings and up to 120" between centers.



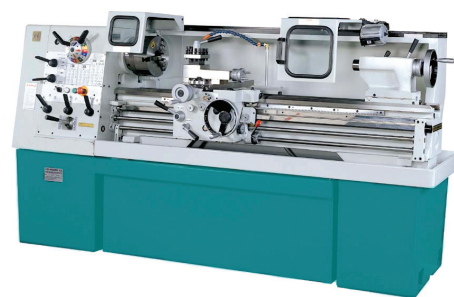
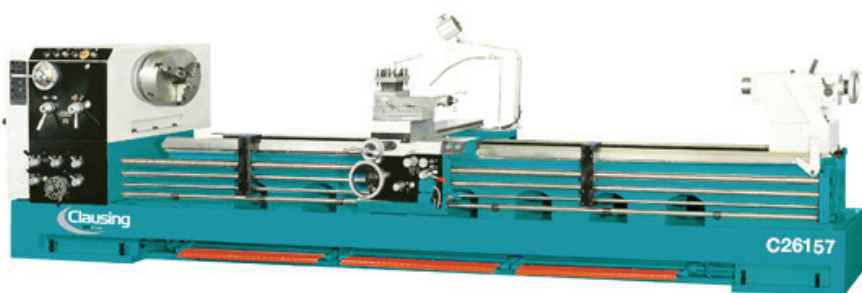
LARGE SWING MANUAL AND CNC LATHES

A large range of Extra Heavy-duty, Large Bore, Geared Head Manual and CNC Large Swing Lathes. Up to 24" Spindle Bores, up to 80" Swings, and up to 480" centers.



CLAUSING C SERIES LATHES

A line of cost value machines 13" to 30" swing. Geared Head and Variable Speed Lathes. 30" to 157" centers.



CLAUSING V.S. TOOLROOM LATHE WITH DRO

High Speed precision lathe with spindle run out within 50 millionths of an inch.



CLAUSING V.S. WITH DIGITAL THREADING CONTROL

Ideal for super high precision lathe work on small parts.



CLAUSING/COLCHESTER 'MAGNUM' ENGINE LATHES

Clausing/Colchester Magnum Heavy Duty engine lathes are engineered for the accurate and efficient machining of large components. 30Hp Spindle Motor with 3-Range Headstock. 26" & 32" Swing, Up to 160" Center.



MANUAL AND CNC VERTICAL MILLS



Affordable, durable, variable speed vertical knee mills, delivering all the power, precision and versatility you need in today's toolrooms.

- Up to 5 Hp spindle drive
- 60-4300 rpm variable spindle speeds
- Up to 39" X, 16" Y and 16" knee travel



A line of affordable heavy-duty precision CNC knee mills with a wide range of 2 or 3 axes CNC control options and features found only on higher priced machines. Clausing CNC mills can be operated as manual machines with DRO, semi-automatic or full CNC operation.



An affordable, heavy-duty CNC Vertical Mills with a wide range CNC control and the advantage of Electronic Variable Speed. Affordable standard heavy-duty Electronic Variable Speed (EVS) Milling Machines. Head mounted controls with LCD spindle speed display.

MANUAL AND CNC HEAVY-DUTY BED MILLS

Extra Heavy-duty, Affordable, Large Capacity, Manual Bed Mills. Standard models equipped with 5 Hp spindle drive, 2 range head stock and up to 1,800 lbs. table load. Super models equipped with up to 7 Hp spindle drive and 2,000 lbs. table load.



Extra Heavy-duty CNC Bed Mills with Real Cutting Power. Full 3 axis CNC mills available with FAGOR 8055i or ACU-RITE MILLPWR CNC controls. Up to 7.5 Hp spindle drive, 16.75" x 62" table, 2000 lbs. table load.

HORIZONTAL & VERTICAL UNIVERSAL MILLS

Heavy-duty cast iron mills, can be used for one-off pieces as well as small to medium size production runs, making them ideal for maintenance tool rooms, job shops or tool and die shops. Extra heavy-duty saddle traveling on hardened ground square ways capable of handling table loads up to 1540 lbs. (700kg).



DRILLING MACHINES



The Industry Leading Belt Drive, Heavy-Duty 20" Drills:

- Heavy-duty cast iron construction
- Variable speed
- 2 speed range models available
- Drilling capacity 1-1/4"
- Optional Power Feed unit available
- Multiple spindle models available



A Full Range of Large Capacity Industrial Radial Drills:

- Extra Heavy-duty construction
- Drilling capacity up to 3.15" in steel and 3.98" in cast iron
- Tapping capacity up to 2.56" in steel and 2.95" in cast iron
- Boring capacity up to 6" in steel and 10" in cast iron
- Arm travel up to 98"



A full range of rugged built Round and Prismatic Column Industrial Drilling Machines, available with Auto Feed and Tapping Systems Standard:

- Extra heavy-duty construction for precision and long machine life
- Hardened and ground steel gears
- Drilling capacity up to 2.75" in steel and 3.15" in cast iron
- Tapping capacity up to 2" in steel and 2.36" in cast iron
- Multiple head drills available

GRINDING MACHINES



A Full Line of Large Capacity, High Precision Automatic Surface Grinders with the State-of-the-art ASDIII Control that Provides Maximum Reliability and Ease of Use.

- Large capacity up to 32" x 120" table
- Enlarged extra strong ribbed column, ideal for heavy-duty grinding
- Spindle is supported by 4 front and 2 rear precision angular contact ball bearings



A Line of Low-cost High performance, Highly Accurate, Manual and Hydraulic Surface Grinders.

- High precision cartridge spindle
- Anti-wear guide ways
- Rigid Cast-iron Construction
- Enlarged column and base



ASDIII Precision Automatic Surface Grinders with Touch Control Panel and Digital Display.

- Quick digital feedback by encoder
- Vertical feed powered by dual AC motors
- High grade anti-wear slideways

TILT FRAME MITER SAW



Vertical Hydraulic Tilt Frame Miter Bandsaw...Large Capacity, High Precision Cutting Machines with semi-Automatic or Automatic Operation

- Great versatility, fast and easy set-up...The saw frame hydraulically tilts to any angle between 30° left and right, controlled from the front mounted control panel.
- High and low frame speeds for fast exact positioning
- Left and Right Hydraulic vises standard
- Adjustable 0-5 degree frame canting for better cutting performance

VERTICAL BANDSAWS



Heavy-duty Vertical Bandsaws available with cast iron fixed table with front T-slot or cast iron hydraulic table with 13" travel and 4 top T-slots. Table tilts left and right

- 15°L & 45°R.
- Up to 5 Hp drive motor
- Up to 40" throat and 14" work height
- Variable blade speed, 50-5200 fpm
- Dual range transmission
- Blade speed indicator
- Blade tension indicator

COLD SAWS



High-production Ferrous Cutting Semi-Automatic, Pneumatic Vise and Manual, burr-free cutting Cold.

- Totally enclosed fan-Cooled Motor
- Cast Iron construction
- Enclosed worm gear drive for trouble-free operation
- Two speeds for versatility on ferrous cutting models

LARGE CAPACITY HORIZONTAL BANDSAWS



A full range of semi-automatic, automatic and automatic NC large capacity horizontal bandsaws.

- Semi-automatic models available with cutting capacities up to 51" round, 51" x 67" Rectangular and 20 Hp drive
- Automatic models available with cutting capacities up to 22" round, 22" x 30" Rectangular and 10 Hp drive
- Swivel head miter models available with cutting capacities up to 33.5" round, 29.5" x 51" Rectangular at 90° 31.5" round, 29.5" x 35.4" Rectangular at 45° and 15 Hp drive

HORIZONTAL BANDSAWS



Design for rugged production use and high output in both NC, Fully-Automatic and Semi-Automatic operation.

- Up to 20 Hp drive motor
- Infinitely variable blade speed
- Up to 90° cutting capacity 51" round and 51" square or 51" x 67" rectangular
- Automatic models available with bundle cutting attachment with 9.84" to 18.5" cutting capacity

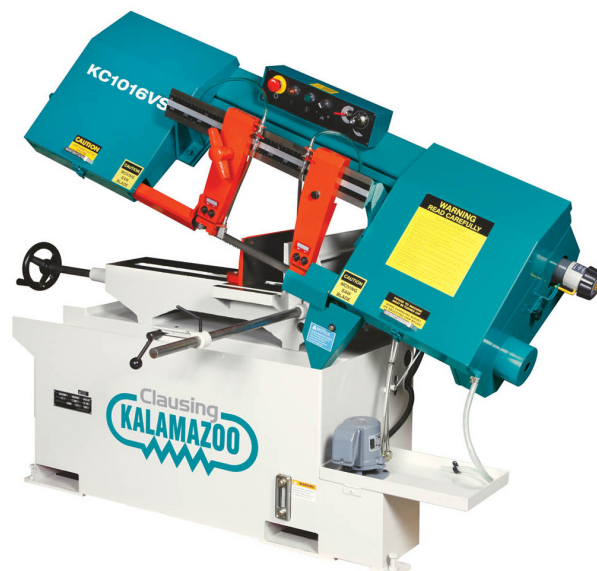
SWIVEL HEAD HORIZONTAL BANDSAWS



Swivel Head Miter Horizontal Bandsaws: make angle cuts without swinging the material.

- Accurate angle cuts from 0°, for 90° cuts and up to 60° angle cuts
- Capacity up to 33.5" round and 29.5" x 59" rectangular at 90°
- Up to 15 Hp drive motor
- Variable blade speed

MANUAL HORIZONTAL BANDSAWS



Very affordable, durable 8" and 10" wet cut Horizontal Bandsaws.

- Up to 2 Hp drive motor
- 90° capacity up to 10" round and 10" x 16" rectangular
- 45° capacity up to 9" round and 9" x 9" rectangular

Your Single Source for Machine Tools

Clausing Precision Drills

- Clausing Belt-drive Drills
- Clausing Geared-head Drills
- Clausing Radial Drills

Clausing Precision Mills

- Clausing Bed Mills
- Clausing CNC Bed Mills
- Clausing Knee Mills
- Clausing EVS Knee Mills
- Clausing CNC Knee Mills
- Clausing Universal Mills

Clausing Precision Lathes

- Clausing/Colchester Geared Head Lathes
- Clausing/Colchester Professional V.S. Lathes
- Clausing/Colchester MAGNUM V.S. Lathes
- Clausing C Series Lathes
- Clausing Large Swing Standard Lathes
- Clausing Large Swing CNC Lathes
- Clausing Precision Toolroom Lathes

Clausing Precision Grinders

- Clausing Manual Grinders
- Clausing 2 Axes Hydraulic Grinders
- Clausing 3 Axes Hydraulic Grinders
- Clausing ASDIII Automatic Grinders
- Clausing OD/ID Grinders

Clausing Precision Cutting Machines

- Clausing/Kalamazoo Horizontal Bandsaws
- Clausing/Kalamazoo Vertical Bandsaws
- Clausing/Kalamazoo Tilt Frame Miter Bandsaws
- Clausing/Kalamazoo Cold Saws



For detailed catalogs of the full line of Clausing Machine Tools visit our Web Site:

www.clausing-industrial.com

Fax: 269-345-5945 or e-mail us and request an electronic (pdf) catalog at:

info@clausing-industrial.com

Your Authorized Clausing Precision Machine Tools Distributor

