

Clausing

Nameplate

For over a 100 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.

TURNING

Clausing CNC Turning



Clausing MultiTurn CNC Lathes:

Is a highly versatile toolroom CNC lathe that can handle a wide range of turning applications with the latest generation Fanuc Oi TD Control on MT series, or FAGOR 8055i 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 TD Control on MT series, or FAGOR 8055i TC CNC Control on MR series. The Clausing MultiTurn are the perfect machine for large capacity CNC turning and available in 26", 30", 31.4" & 39.3" swings, up to 200" centers.

Clausing Manual and CNC Turning



Clausing/Colchester 15" Geared Head Lathe:

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



'PROFESSIONAL' Engine Lathes:

Setting the standard for toolroom lathe performance with an AC Inverter Variable Speed Spindle Drive. Add an optional 2 axis Constant Surface Speed DRO, for big productivity gains.



Clausing/Colchester 13" Geared Head Lathe:

The Colchester 13" is a full-function machine capable of the entire range of turning operations.



Clausing Metosa E-Series Lathes:

Education Series lathes have enhanced safety making them ideal for classroom and toolroom applications.

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 ■ Up to 480" centers



Clausing/METOSA Standard Lathes:

A Full Line of Quality Constructed Soft Start Geared Head and Variable Speed Lathes.



Clausing/METOSA SmartLathe and CNC Lathes:

Quality Constructed CNC Lathes. Clausing/Metosa SmartLathe is equipped with the Fanuc Oi Mate control and Clausing/Metosa MetosaCNC is equipped with the Fagor 8055i TC control.

MILLING

Clausing *Manual and CNC Vertical Mills*

600Group

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.

- Up to 33" X, 16" Z and 17.7" knee travel

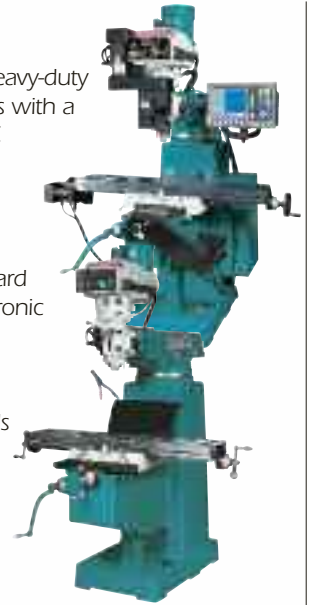


Affordable, durable, variable speed vertical knee mills, delivering all the power, precision & versatility you need in today's toolrooms.

- Up to 5 Hp spindle drive
- 60-4300 rpm variable spindle speeds
- Up to 36" X, 16.93" Z and 17.74" knee travel



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 ANILAM 3500i, Fagor 8055i or ACU-RITE MILLPWR CNC controls. Up to 7.5 Hp spindle drive, 16.75" x 62" table, 2000 lbs. table load and 47.2" x 22.8" 23.2" X, Y, Z travel.

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).



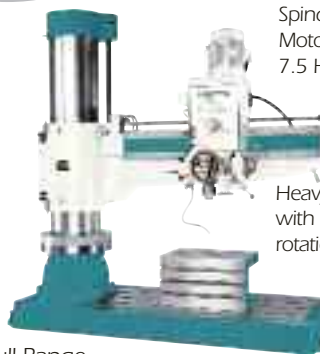
DRILLING

Clausing *Drilling Machines*

600Group

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

- Heavy-duty cast iron construction
- Variable speed
- 2 speed range models available
- Drilling capacity: 1-1/4"
- Air hydraulic or positive gear-driven power feeds
- Multiple spindle models available



Spindle Drive Motor up to 7.5 Hp

Heavy-duty arm with +/- 180° rotation

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

A full range of rugged built Round Column 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 2.76" in steel and 3.15" in cast iron
- Tapping capacity up to 2.51" in steel and 2.68" in cast iron
- Multiple head drills available



GRINDING



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

Clausing Grinding

600 Group

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



Shown with optional Over Wheel Dresser and Magnetic Chuck

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

SAWING

Clausing KALAMAZOO

Cold Saws



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

- Totally Enclosed Fan-Cooled Motor
- Enclosed Worm Gear Drive for Trouble-free Operation
- Two Speeds for Versatility
- Cast Iron Construction
- Self-Centering Vise with Angle Scale
- Head Rotates 45 Degrees Left and Right of Center



High-production Fully Automatic Cold Saws for burr-free cutting of non-ferrous, ferrous and special materials.

- Automatic Cutting Cycle
- Automatic Feed Rate
- Auto Shut-off & Unclamping at End of Cut
- Automatic Piece Counter
- Up to 3 Cut-off Indexes for Longer Pieces
- Enclosed Worm Gear Drive for Trouble-free Operation

Clausing KALAMAZOO

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.

- Tables tilt two ways, 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



Clausing KALAMAZOO

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 18" round, 18" x 18" Rectangular and 7.5 Hp drive
- Automatic NC 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



SAWING



Horizontal Bandsaws



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

- Powerful 20 Hp drive motor
- Infinitely variable blade speed
- 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 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°
- 15 Hp drive motor
- Variable blade speed



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

- Up to 2 Hp drive motor
- 90° capacity up to 10" round and 9" x 14.8" rectangular
- 45° capacity up to 9" round and 9" x 9" rectangular

Product lines, machine design and specifications are subject to change without notice.

SERVICE CENTER

Behind every Clousing product is the Clousing Service Center, a separate facility designed solely to support our customers' parts and service needs. With more than 50,000 parts in inventory, the service center can provide parts for machines you may have purchased more than 50 years ago...and 95% of all parts orders are shipped within 24 hours! In addition to supplying parts, we have a staff of highly qualified technicians, available to solve problems all across the country. Regular service schools are conducted for dealer personnel, to insure that each and every Clousing dealer has a highly trained service staff. **That's the commitment behind the Clousing Service Center.**

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