

# Clausing COLCHESTER

## Geared Head Lathes

15" Swing - 50" Centers



Shown with optional toolpost

CLAUSING/Colchester Geared Head Lathes have earned their position as the standard of the industry, offering performance and quality at a reasonable cost. The 15 inch Geared Head Lathe extends that reputation designed to give you increased productivity into the 21st century.

Like all CLAUSING/Colchester lathes the geared head lathes are built for accuracy. But beyond the accuracy that you expect from Clausing/Colchester, the 15 inch Geared Head Lathe is built rugged for durability and long-lasting quality.

**You Deserve a Real Colchester Geared Head Lathe**  
Setting the Standard for the Industry

# Clausing/Colchester Geared Head Lathes

## Features

- All head stock gears are hardened and ground
- Spindle bearings, gears and shafts are lubricated by a forced lubrication system
- An easy-to-read index plate makes it simple to select the proper feed or thread
- The apron has hardened and ground gears and are lubricated in a bath of oil
- Extra wide bed provides accuracy and minimal wear
- Easy access pull-out rolling chip bin
- Precision Gamet tapered roller spindle bearings
- Equipped with chuck guard, full splash guard and leadscrew cover
- Clutch drive, reverse leadscrew with spindle turning for faster thread cutting
- Clutches are operated by levers at apron and headstock for forward/reverse
- A one year warranty and backed by the Clausing Service Center dedicated to support our customers with parts and service

## Standard Equipment

- Chuck Guard Accuracy chart
- Covered leadscrew
- Electric coolant pump, tank and fittings
- Emergency stop button
- End guard limit switch
- Forward/Reverse/Stop switch
- Lockable isolator switch
- Splash guard
- Tee slotted top slide
- One shot saddle and cross slide lubrication
- Pullout chip bin
- Thread indicator
- Tool Box with Wrenches and dead centers
- Instruction and spare parts manual
- 110 volts at control

## Optional Equipment

- Live center
- Taper attachment
- Q.C. tool post
- 5 Pos. long stop (needs 1 pos. or Micro carriage stop)
- 1 Pos. stop
- Metradial
- Micro carriage stop
- High speed threader
- Steady rest
- Follower rest
- Q.C. Square tool holder
- Q.C. Boring bar holder
- Q.C. Morse taper tool holder
- Q.C. Cut-off holder with blade
- Drive plate assembly

## Specification

<b>Model</b>	<b>8043</b> <b>15" x 50"</b>
<b>Capacity</b>	
Swing over bed	15.7"
Swing over cross slide	9.7"
Center distance	50"
Bed width	12.5"
Swing in gap	23"
<b>Headstock</b>	
Spindle nose	D1-6
Spindle through hole	2.125"
Spindle speed (rpm)	25-2000
Number of speeds	16
Spindle center	4MT
<b>Feed and Threading</b>	
Longitudinal feed range (in/rev)	.0014"-.096"
Cross feed range (in/rev)	.0007"-.048"
Range of English Threads	2-56TPI
Number of English threads	56
Range of metric threads	.2-14mm
Number of metric threads	51
Leadscrew diameter	1.25/4TPI
<b>Carriage</b>	
Cross slide travel	9.8"
Compound slide travel	5.1"
<b>Tailstock</b>	
Tailstock quill diameter	2.8"
Center	5MT
Quill travel	5.5"
Drive motor	7.5 hp
Weight	3300 lbs.
Dimensions (L x H x W)	99"x51"x49"

Due to ongoing design improvements specifications are subject to change without notice



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