

Clousing Colchester Lathes



13" & 15" Colchester PROFESSIONAL Variable Speed Lathes

Features:

- Powerful 10 HP AC variable spindle drive motor
- State-of-the-art AC inverter variable speed spindle drive
- Three headstock gear ranges offer a wide range of constant power - 33 to 1
- Infinitely variable spindle speeds, select the right spindle speed quickly
- Full rear splash guard and leadscrew cover
- Leadscrew reversing box for faster thread cutting, reverse leadscrew with spindle turning
- Extra wide heavy-duty cast iron bed

Specifications:

Model	8016VS	8044VS	
Swing over bed	13.75"	15.75"	
Swing over cross slide	7.75"	9.75"	
Distance between centers	25"	50"	
Spindle bore	1.65"	2.12"	<i>Limited Distribution Area</i>
Spindle nose	D1-4	D1-6	
Spindle speed Range (RPM)	0-3250	14-2500	
Cross slide travel	9.8"	9.8"	
Top slide travel	3.9"	5.1"	F.O.B.
Tailstock quill travel	5.7"	5.5"	Kalamazoo, MI
Tailstock quill diameter	2.87"	2.87"	
Weight	2,790 lbs.	3,300 lbs.	



Model 8044VS
15" swing, 50" center
220 Volt
Order No. RF58-8044VS2
440 Volt
Order No. RF58-8044VS4
Price

Model 8016VS
13" swing, 25" center
220 Volt
Order No. RF58-8016VS
21,520.00

Get big productivity gain & fast payback with a constant surface speed DRO System from Acu-Rite

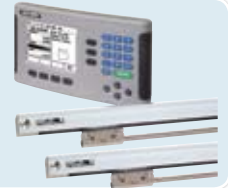
Constant Surface Speed Will:

- Achieve superior finishes
- Improve tool life
- Measure parts while machine is running
- Precision glass scales included—ensures higher accuracy

2-Axis Acu-Rite Constant Surface Speed Lathe DRO, Installed on your Clousing 15" x 50" VS Lathe

Order No. MS31-2221052CSS

Price



18" & 21" Gap Bed Variable Speed Lathes



Limited Distribution

F.O.B. Kalamazoo, MI

Model 8054VS
18" swing x 60" center, 5,765 lbs.
Order No. RF58-8054VS Price

Model 8055VS
18" swing x 80" center, 5,765 lbs.
Order No. RF58-8055VS Price

Model 8116VS
21" swing x 80" center, 6,283 lbs.
Order No. RF58-8116VS Price

- State-of-the-art AC inverter Variable Speed Drive featuring surface mount technology for high reliability...4 years parts and labor warranty
- Leadscrew reversing box for faster thread cutting, reverse leadscrew with spindle running
- Three headstock gear ranges with a wide spread of constant power - 33 to 1 - better than most CNC lathes
- Rapid power traverse for power feed and 2 axis rapid traverse available from one lever
- Very rigid extra wide bed with triangular webs for excellent chip removal
- Heavy-duty tailstock for excellent rigidity
- Inch treading dial
- Large capacity wheeled chip bin for easy chip disposal
- Full splash guard and chuck guard
- Coolant system
- One shot saddle and cross slide lubrication

Model	18" Swing 8054VS	21" Swing 8116VS
Swing over bed	18.1"	21.8"
Swing in gap	28.7"	32.7"
Swing over cross slide	10.6"	14.5"
Spindle bore	3"	3.54"
Spindle nose	D1-8	D1-11
Spindle speed range (RPM)	(3) 20-2000	(3) 18-1800
Longitudinal feed (in/rev)	.0016"-.11"	.0016"-.11"
No./range metric threads	51/0.2-14mm	51/0.2-14mm
No./range inch threads	73/2-84 tpi	73/2-84 tpi
Cross slide travel	11.8"	11.8"
Top slide travel	7.5"	7.5"
Spindle drive motor	15 HP	15 HP

Get BIG productivity gain and fast payback with a Constant Surface Speed DRO system



Colchester 13"—The Ideal Classroom Lathe

Features:

- Fully-gearred headstock with 12 spindle speeds
- All head stock gears are hardened and ground
- Spindle bearings, gears, shafts, and headstock clutches are lubricated by a pumped oil bath
- A wide range of feeds and thread selections is available by using three selector levers and an 8-position rotary dial
- Sturdy cast iron bed with hardened and ground bed ways

Specifications:

Swing over bed..... 13"
 Swing in gap..... 19"
 Swing over cross slide 8.25"
 Distance between centers..... 40"
 Spindle bore 1.5"
 Spindle speed range (12)..... 40-2500 RPM
 Longitudinal feeds (16)..... .001"-.40"
 No./range metric threads..... 39/0.2-14mm
 No./range inch threads..... 35/2-56 tpi
 Cross slide travel..... 7.5"
 Top slide travel..... 3.625"
 Spindle drive motor 3 HP
 Weight 1,512 lbs.

F.O.B.
KALAMAZOO, MI

Limited
Distribution



Model 8027

220 Volt [Order No. RF58-80272](#)
 440 Volt [Order No. RF58-80274](#)

**Price
Price**

Colchester 15" Gap Bed Geared Head Lathes



Limited Distribution

F.O.B.
KALAMAZOO, MI

Specifications:

Swing..... 15"
 Swing over bed..... 15.7"
 Swing over cross slide 9.7"
 Swing in gap..... 23"
 Center distance 50"
 Spindle nose..... D1-6
 Spindle bore 2.125"
 Spindle speed range (RPM)..... 25-2000
 No. of spindle speeds..... 16
 Longitudinal feed (in/rev)..... .0014-.096
 Cross feed (in/rev)..... .0007-.048
 No./range metric threads..... 51/0.2-14mm
 No./range inch threads..... 56/2-56 tpi
 Leadscrew diameter 1.25/4 tpi
 Cross slide travel..... 9.8"
 Top slide travel..... 5.1"
 Tailstock quill dia. 2.8"
 Tailstock quill travel..... 5.5"
 Tailstock center 5 MT
 Spindle drive motor 7.5 HP
 Weight 3,300 lbs.

Features:

- All head stock gears are hardened and ground
- Clutch drive, reverse leadscrew with spindle turning for faster thread cutting
- Clutches are operated by levers at apron and headstock for fwd/rev
- Spindle bearings, gears and shafts are lubricated by a pumped bath of oil
- The apron has hardened gears and oil bath lubrication
- Extra wide bed provides accuracy and minimal wear
- Easy access pull-out rolling chip bin
- Precision Gamet spindle bearings
- Equipped with chuck guard and leadscrew cover

Standard Equipment:

- Chuck guard
- Covered leadscrew
- End guard limit switch
- Splash guard
- Tee slotted top slide
- Thread indicator
- Pullout chip bin
- One shot saddle and cross slide lubrication

Model 8043

220 Volt [Order No. RF58-80432](#)
 440 Volt [Order No. RF58-80434](#)

Price

Clausing METOSA 14" Geared Head Lathe

14" x 40" Geared Head Gap Bed Lathe

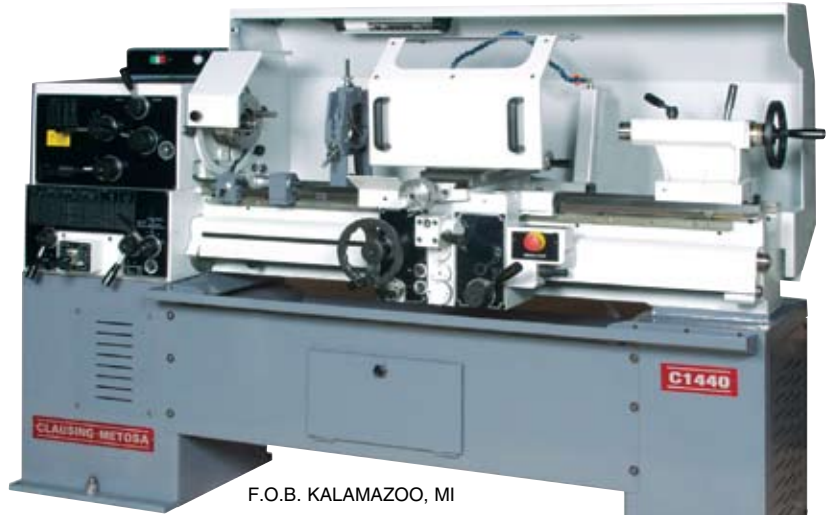
Features:

- Two speed, 3/4.5 HP spindle drive motor
- 9 speed, fully geared heavy-duty headstock, giving a total of 18 spindle speeds
- All gears are hardened and ground and run in a continual bath of oil • Coolant system
- Easy to read dual inch/metric dials
- Q.C. toolpost with 4 straight holders
- One-shot lubrication • Chuck guard with limit switch
- Micro carriage stop • 4-position bed stop
- 1/2" x 5" steady rest • Work light

Specifications:

Swing over bed.....14.17"
 Swing in gap.....20.17"
 Swing over cross slide8.07"
 Distance between centers.....40"
 Spindle bore1.65"
 Spindle speed range (RPM).....60-2000
 Cross slide travel.....9.65"
 Top slide travel.....4.72"
 Longitudinal feed range......0018-.026 in
 No./range metric threads.....44/0.5-7.5mm
 No./range inch threads.....44/4-60 tpi
 Weight2,328 lbs.

Spindle speeds: 30-46-
 60-70-92-110-140-180-
 220-265-360-430-530-
 700-860-1000-1400-2000



F.O.B. KALAMAZOO, MI

230V Order No. RF59-C14402
460V Order No. RF59-C14404

Model C1440

14" swing x 40" center

Price

Clausing METOSA 15", 17", 20" and 24" Gap Bed Soft Start Geared Head Lathes



F.O.B. KALAMAZOO, MI

Model C2087SS

20" swing x 87" center, 5,585 lbs.

Order No. RF59-C2087SS Price

Model C1545SS

15" swing x 45" center, 2,790 lbs.

Order No. RF59-C1545SS Price

Order No. RF59-C1565SS 15" x 65" - 3,240 lbs. Price

Order No. RF59-C1765SS 17" x 65" - 3,720 lbs. Price

Order No. RF59-C2064SS 20" x 64" - 5,140 lbs. Price

Order No. RF59-C2487SS 24" x 87" - 5,400 lbs. Price

Order No. RF59-C24124SS 24" x 124" - 6,470 lbs. Price

Other Models Available

Features:

- Heavy-duty cast iron base construction
- Extra wide cast iron bed, scientifically designed with tapered cross braces for fast chip removal
- Stabilized cast iron hardened and ground bedways
- Fully geared heavy-duty headstock
- All gears are hardened, ground, and run in a continual bath of oil
- Coolant system • Work light
- Easy to read dual inch/metric dials
- Thread dial indicator
- Q.C. toolpost with 4 straight holders
- One-shot lubrication • Chuck guard with limit switch
- Micro carriage stop • 4-position bed stop
- 1/2" x 5" steady rest (15" & 17" models)
- 1/2" x 7 1/4" steady rest (20" & 24" models)

Specifications:

Swing	15"	17"	20"	24"
Swing over bed	15.75"	17.72"	20.87"	24.80"
Swing in gap	23.62"	25.39"	30.71"	34.65"
Swing over cross slide	8.26"	10.28"	12.80"	16.80"
Spindle bore	2.05"	2.05"	3.15"	3.15"
No. of spindle speeds	12	12	12	12
Spindle speed range (RPM)	40-2200	40-2200	30-1500	30-1500
Longitudinal feed	.0018"-.0026"	.0018"-.0026"	.0018"-.052"	.0018"-.052"
No./range metric threads	44/5-7.5mm	44/5-7.5mm	55/0.5-15mm	55/0.5-15mm
No./range inch threads	44/4-60 tpi	44/4-60 tpi	55/2-60 tpi	55/2-60 tpi
Cross slide travel	11.81"	11.81"	13.98"	14.37"
Top slide travel	5.12"	5.12"	6.5"	6.5"
Tailstock quill dia.	2.28"	2.28"	2.83"	2.83"
Tailstock quill travel	6.1"	6.1"	7.09"	7.09"
Spindle drive motor	7.5 HP	7.5 HP	10 HP	10 HP