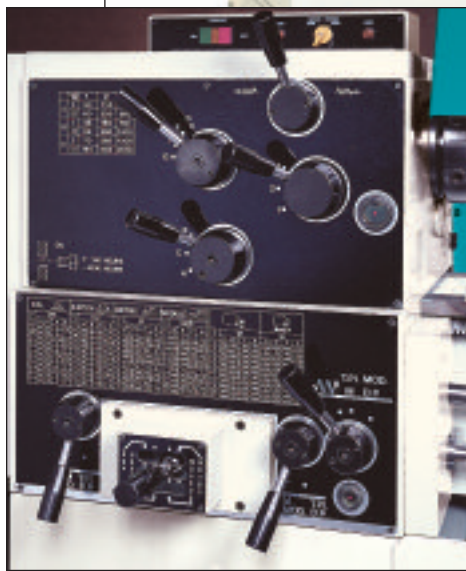


Put the versatility of the dependable CLAUSING/METOSA 14" Lathe in your machine shop and watch your production increase year after year after year... Just Add Your Chuck and You're Ready to Turn.

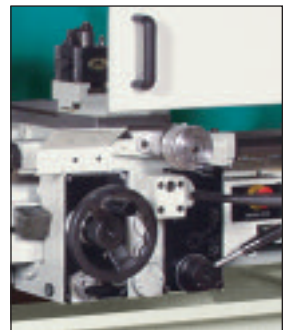


Headstock & Control Panel:

The 14" CLAUSING/METOSA Lathe is equipped with a two-speed spindle drive motor that drives a 9 speed, fully geared heavy-duty headstock giving you a total of 18 spindle speeds. All gears are hardened and ground and run in a continual bath of oil. The spindle is made of forged, quenched and tempered steel, with a case hardened spindle nose and mounted on precision taper roller bearings. The easy-to-operate control panel is designed for efficiency.

Carriage & Apron:

Controls are designed for easy operation to ensure maximum productivity. Easy-to-read dual inch and metric dials and a quick change tool post are standard equipment on the 14" lathe.



Micro Carriage Stop:

A standard feature on the 14" lathe, the Micro Carriage Stop, allows accurate positioning of the carriage.



4-Position Bed Stop:

The 4-Position Bed Stop is standard and allows fast and accurate turning of multiple lengths.



Bed & Bedways:

The extra-wide bed with tapered cross braces for fast and easy chip removal. Constructed of stabilized cast iron with bedways hardened and ground to a hardness of 42 to 47 Rc. The bed is specially engineered to absorb vibration and ensure smooth, accurate operation.



Tailstock:

A heavy-duty casting design for maximum rigidity to support work pieces or tooling. The 1.9" ram with 3MT taper has a graduated scale and the handwheel ring is indexed for accurate ram positioning.

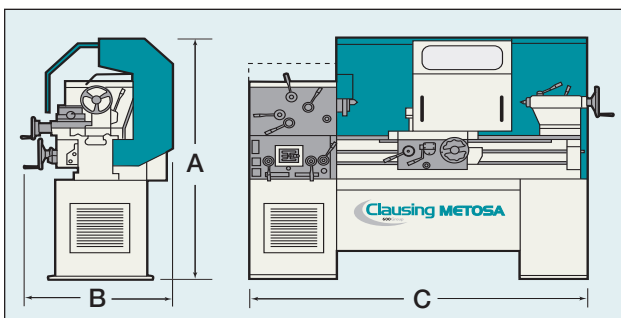


14" GEARED HEAD LATHES

Specifications:	14"
Capacity	
Swing over bed	14.2" (360mm)
Center height	7.1" (180mm)
Swing in gap	20.4" (520mm)
Gap length in front of face plate	5.1" (130mm)
Swing over carriage	13.2" (335mm)
Swing over cross slide	8.1" (205mm)
Bed width	10" (250mm)
Headstock	
Spindle bore	1.65" (42mm)
Spindle nose	D1-5
Spindle taper	4MT
No. of speeds	9
Spindle speed range (rpm)	30-2000*
Thread and feed box	
No. of longitudinal feeds	44
Range	0.0018"-0.026" (.05-.75mm)
No. of cross feeds	44
Range	0.0005"-0.0076" (.025-.375mm)
No. of metric threads	44
Range (mm)	0.5-7.5
No. of inch threads	44
Range (t.p.i.)	4-60
No. of modular threads	44
Range	0.25-3.75
No. of diametral	44
Range	8-120
Leadscrew dia./TPI	1.26"/4
Slides and carriage	
Cross slide travel	9.65" (245mm)
Top slide travel	4.72" (120mm)
Max. tool size	3/4" x 3/4" (20 x 20mm)
Tailstock	
Tailstock ram diameter	1.9" (48mm)
Tailstock ram travel	5.51" (48mm)
Tailstock taper	3MT
Motors	
Spindle motor	3/4.2 Hp (2.2Kw)
Pump motor (Hp)	3/4 Hp (.06Kw)

(Specifications subject to change without notification)

Dimensions, Center Distance and Weight:



MODEL	A	B	C	CENTER DISTANCE	WEIGHT
C1440S	50.5" (1485mm)	37.5" (950mm)	85.4" (2170mm)	40" (1000mm) St. Bed	1985 lbs. (900Kg)
C1440	50.5" (1485mm)	37.5" (950mm)	85.4" (2170mm)	40" (1000mm) Gap	1985 lbs. (900Kg)

Standard Equipment:

- ¥ Dual Inch/Metric Dials
- ¥ Dead Centers
- ¥ Q.C. Tool Post with 4 Holders
- ¥ Steady Rest .4" - 4.5" (10 - 115mm)
- ¥ Micro Carriage Stop
- ¥ 4-Position Bed Stop
- ¥ Coolant System
- ¥ One-Shot Lubrication
- ¥ Interlocking Chuck Guard
- ¥ Splash Guard
- ¥ Leadscrew Cover
- ¥ Thread Dial Indicator
- ¥ Drive Plate
- ¥ Lathe Lamp
- ¥ T-Slotted Top Slide
- ¥ Electro-Magnetic Brake
- ¥ Chip Pan
- ¥ Chip Guard
- ¥ Tool Box & Manual

Electrical:

* 208v. / 230v. / 460v., 60Hz 3-phase
Please specify voltage when ordering.

* 208v is a special order or optional transformer required

* Spindle speed, (rpm)

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