STANDARD-MODERN LATHES

13” SWING INCH/METRIC

MADE IN NORTH AMERICA

1334 AN EXCEPTIONAL LATHE

The Model 1334 has an established reputation throughout North America in toolrooms, workshops and schools across the continent.

Standard-Modern lathes stand for:

★ QUALITY
★ RELIABILITY
★ VERSATILITY

★ CAPACITY: 13” Dia. Swing – 34” between centers
★ 1-1/2 H.P. Drive Continuous Duty
★ 50: 1 Speed Range 36 – 1800 RPM
★ D1-4” Camlock – 3 Bearing Spindle
★ Hardened and Ground Bedways
★ Full Range of Accessories

2 YEAR WARRANTY

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# Features and Specifications

## MACHINE
- Designed for dependability
- Built to rigid quality specifications
- The superior machine for the skilled worker or trainee
- Inch, metric or Inch/Metric versions available
- Swing over Bed and Saddle Wings
- Swing over Cross-Slide
- Distance between Centers
- Driving motor
- 13 in. (330mm)
- 7-3/4 in. (196mm)
- 34 in. (863mm)
- 1-1/2 H.P. (1.12 K.W.)

## HEADSTOCK
- All geared – no clutches
- D1-4" three bearing spindle
- 1-1/2 H.P. main drive motor
- Positive ‘vee’ location on bed
- More H.P. at spindle nose
- Spindle speeds
- Geometric speed range
- Spindle nose – camlock
- Through hole in spindle
- Taper hole in spindle nose
- #5 M.T.
- #3 M.T.
- 12
- 36-1800
- D1-4"
- 1-3/8" dia. (35mm)

## FEEDBOX
- 54 rates of power feed or 54 threading leads without transposing gears
- Separate leadscrew & feedshaft
- Leadscrew & feedshaft overload protected
- Leadscrew reversible – end for end
- Feed & thread selections
- Range of threads
- Feed rates per spindle rev.
- Leadscrew
- Feedshaft
- INCH
- METER
- 54
- 4-224 TPI
- .001"-.062" long
- 1" dia. x 6 TPI ACME
- .0005"-.031" cross
- 9/16" Hex.
- .125-7mm
- .031-.174mm
- .0016-87mm

## APRON
- Double walled – fully lubricated
- Threading lever convenient to threading dial
- Double half nuts
- Threading & feed levers interlocked against simultaneous engagement
- Anti-friction bearings on rack pinion & handwheel shafts
- Single lever operates longitudinal & cross-feed

## SADDLE
- Extended cross-slide
- Heavy duty compound
- Direct reading dials (inch/metric)
- Length of ways
- Width of bridge
- Cross-slide travel
- Compound slide travel
- Tool holder – shank size
- 15" (381mm)
- 6" (152mm)
- 7" (177mm)
- 3-1/4" (82mm)
- 1/2" x 1-1/8" (12 x 28mm)

## TAILSTOCK
- Rugged construction
- Graduated harrell (inch/metric)
- Fast acting lever clamp
- Non jamb hand wheel
- Spindle dia. & length
- Spindle travel
- Length of graduations
- Taper hole in spindle
- Set over each side of centre
- 1-9/16" dia. x 8" (40 x 203mm)
- 4" (100mm)
- 5" (.6mm)
- #3 M.T.
- 3/4" (19mm)

## BED
- Double ‘vee’ ways – full length
- All ways hardened & ground
- Sturdy cast construction
- Width at top
- Depth
- Width of front saddle guide vee
- 8-1/2" (216mm)
- 7" (178mm)
- 1" (25.4mm)

## STANDARD EQUIPMENT
- Camlock dog plate assembly
- Tailstock center #3 Morse taper
- Headstock center #3 Morse taper
- Reduction sleeve #5 to #3 Morse taper
- Tool post assembly #1 size light duty
- Operators manual (instructions & spare parts)
- Standard open drip proof motor & electric CSA approved
- Camlock wrench
- Toolpost wrench 3/8" sq. opening
- Swivel base wrench 3/4" opening
- Spare shear pins and shear keys
- 2 year warranty on Standard-Modern parts

## OPTIONAL ACCESSORIES
- Unthreading reverse (for inch/metric version only)
- Collet attachment
- 115V control
- Follow rest
- Micrometer carriage stop
- Telescopic taper attachment
- Coolant Equipment
- Plus more — Ask your dealer

## SHIPPING DATA
- Gross weight: 1450 lbs. (658 kg)
- Crate: 34" W x 6" H x 56" L (.86m x 1.7m x 1.4m)
- In our continuous quest for product improvement, we reserve the right to alter specifications.

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REPRESENTED BY:

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