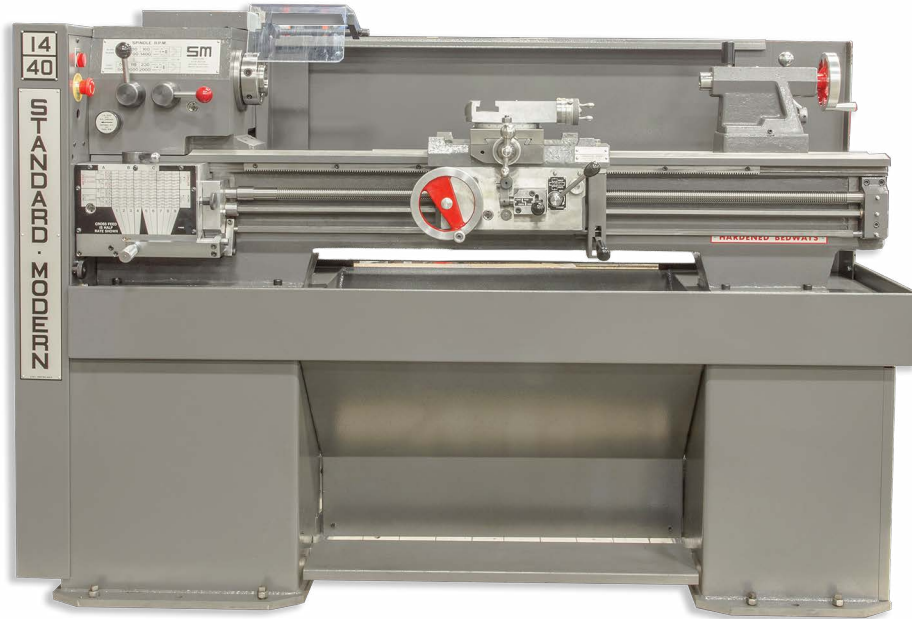




www.standardmodernlathes.com
Manufactured by Racer Machinery International Inc.

14" SWING INCH-METRIC 1440 AN EXCEPTIONAL LATHE



*Model shown includes optional accessories

The model 1440 has an established reputation throughout North America in toolrooms, workshops and schools across the continent.

Standard Modern lathes stand for:

- » Quality
- » Reliability
- » Versatility



FEATURES

2 YEAR LIMITED WARRANTY

- » CAPACITY: 14" DIA. SWING—40" BETWEEN CENTERS
- » 3 H.P CONTINUOUS DUTY
- » 50: 1 SPEED RANGE 40 - 2000 RPM
- » D1-4" CAMLOCK - 3 BEARING SPINDLE
- » HARDENED AND GROUND BEDWAYS
- » POWER METER
- » FULL RANGE OF ACCESSORIES



MACHINE

Swing over bed and saddle wings	14 in. (356 mm)
Swing over bed up to 8" ahead faceplate	14" (355 mm)
Swing over cross-slide	7-3/4 in. (196 mm)
Distance between centers	40 in. (1016 mm)
Driving motor	3 H.P. (2.2 K.W.)

HEADSTOCK

Spindle speeds	12
Geometric speed range	40-2000 RPM
Spindle nose - camlock	D1-4"
Through hole in spindle	1-3/8" dia. (35 mm)
Taper hole in spindle nose	# 5 M.T.
Spindle center	# 3 M.T.

FEEDBOX

Feed & thread selections	54
Range of threads	4-224 TPI (.125-7 mm)
Feed rates per spindle rev.	.001"- .062" long (.031-1.74 mm) .0005"- .031" cross (.016-.87 mm)
Leadscrew	1" dia. x 6 TPI Acme
Feedshaft	9/16" Hex.

BED

Width at top	8-1/2" (216 mm)
Depth	8" (203 mm)
Width of front saddle guide vee	1" (25.4 mm)

TAILSTOCK

Spindle dia. & length	1-9/16" dia. x 8" (40 x 203mm)
Spindle travel	4 in. (100 mm)
length of graduations	3 in. (76 mm)
Taper hole in spindle	# 3 M.T.
Set over each side of center	3/4" (19 mm)

SADDLE

Length of ways	15 in. (381 mm)
Width of bridge	6 in. (152 mm)
Cross-slide travel	7 in. (177 mm)
Compound slide travel	3-1/4 in. (82 mm)
Tool holder - shank size	1/2" x 1-1/8" (12 x 28 mm)

APRON

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

SHIPPING DATA

1440 - Gross weight (approx.)	1750 lbs. (794 kg)
Crate size (approx.)	34"W x 77"L x 56"H



SPECIFICATIONS

- » Camlock dog plate assembly
- » Tailstock center #3 Morse taper
- » Headstock center #3 Morse taper
- » Reduction sleeve #5 to #3 Morse taper
- » Inch-metric dials (inch machine only)
- » Electric brake
- » Spare shear pins and shear keys
- » Standard open drip proof motor
- » CSA approved electrical
- » Camlock wrench
- » Toolost wrench 1/2" sq. opening/swivel base wrench 3/4" opening
- » Operators manual (instructions and spare parts)
- » 2 year limited warranty on Standard Modern™ parts



OPTIONAL ACCESSORIES

- » Collet attachment
- » 115 V controls
- » Telescopic taper attachment
- » Leadscrew reverse
- » Follow rest: 1/4" - 2-1/2" ø (6-63 mm)
- » Micrometer carriage stop
- » Coolant equipment
- » 5 H.P. (3.73 K.W.)
- » Rear chip guard
- » Steady rest: 1/4" - 3" ø (6-76 mm)
- » Please inquire about any other options