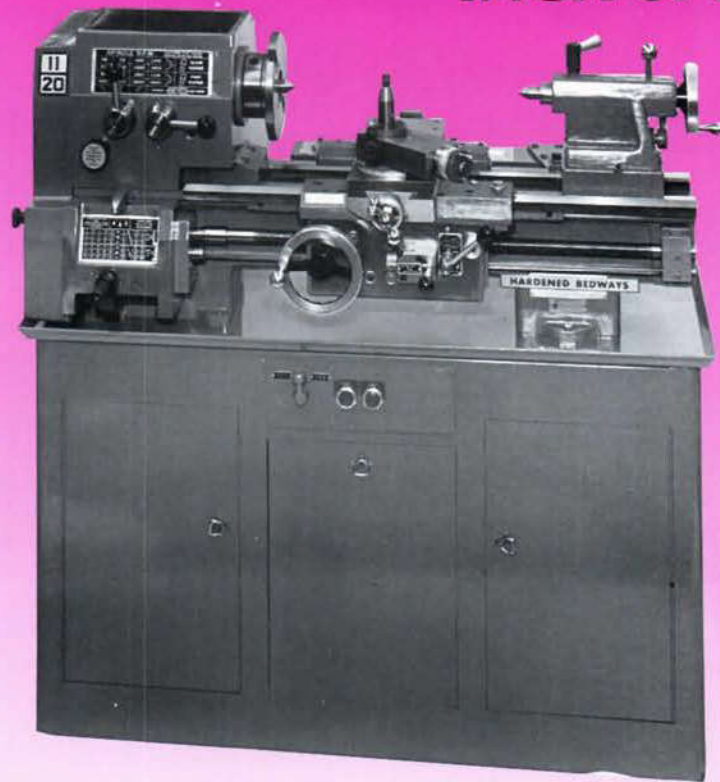




STANDARD-MODERN LATHES

PRODUCED BY KESTREL MACHINE TOOLS INC.

11" SWING INCH or METRIC



MADE IN NORTH AMERICA

1120

A DEPENDABLE LATHE

The Model 1120 has an established reputation throughout North America in toolrooms, workshops and schools across the continent.

Standard-Modern lathes stand for:

- ★ QUALITY
- ★ RELIABILITY
- ★ VERSATILITY

- ★ CAPACITY: 11" Dia. Swing – 20" between centers
- ★ 1 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

FEATURES AND SPECIFICATIONS

MACHINE

★ Designed for dependability	Swing over Bed and Saddle Wings	11 in. (279mm)
★ Built to rigid quality specifications	Swing over Cross-Slide	6 in. (152mm)
★ The superior machine for the skilled worker or trainee	Distance between Centers	20 in. (508mm)
★ Inch or metric capability versions	Driving motor	1 H.P. (.75 K.W.)

HEADSTOCK

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

FEEDBOX

		INCH	METRIC
★ 48 rates of power feed or 48 threading leads without transposing gears	Feed & thread selections	48	48
★ Separate leadscrew & feedshaft	Range of threads	4–224 TPI	.2–7.5mm
★ Leadscrew & feedshaft overload protected	Feed rates per spindle rev.	.001"–.056" long	.053–1.98mm
★ Leadscrew reversible – end for end		.0005"–.028" cross	.026–.099mm
	Leadscrew	1" dia. x 6 TPI	25.4 x 4mm
	Feedshaft	9/16" Hex.	14mm Hex.

APRON

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

SADDLE

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

TAILSTOCK

★ Rugged construction	Spindle dia. & length	1-9/16" dia. x 8" (40 x 203mm)
★ Graduated barrel (inch or metric)	Spindle travel	4" (100mm)
★ Fast acting lever clamp	Length of graduations	3" (76mm)
★ Non-jamb handwheel	Taper hole in spindle	#3 M.T.
	Set over each side of centre	3/4 (19mm)

BED

★ Double 'vee' ways – full length	Width at top	8-1/2" (216mm)
★ All ways hardened & ground	Depth	6" (178mm)
★ Sturdy cast construction	Width of front saddle guide vee	1" (25.4mm)

STANDARD EQUIPMENT

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

OPTIONAL ACCESSORIES

★ Inch or metric transposing gears, 4–64 TPI or .2–4mm	★ 115V controls	★ Telescopic taper attachment
★ Collet attachment	★ Rear chip guard	★ Coolant Equipment
★ Micrometer carriage stop	★ Steady rest and Follow rest	★ Plus more— Ask your dealer

SHIPPING DATA

★ Gross weight: 1000 lbs. (453.6 kg)
★ Crate: 34" W x 53" L x 56" H (.86m x 1.35m x 1.4m)

In our continuous quest for product improvement, we reserve the right to alter specifications.

PLANT:

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REPRESENTED BY: