

PRECISION ENGINE LATHE

Model: KLS-1340/1440

SPINDLE

1 -1/2" bored spindle is made from medium carbon steel, and is induction hardened & ground. It also has a two-point support with both bearings being taper roller.

APRON

Automatic feeding and threading in apron are fully interlocked to prevent simultaneous engagement of both functions

HEADSTOCK

All gears are made with chromium molybdenum steel, and hardened & ground to its accuracy.

OIL LEVEL INDICATOR

BOXED BED WEB FOR EXTRA RIGIDITY

INCH METRIC DIALS

TAILSTOCK

Keyed 1-25/32" diameters quill is hardened ground

SAFETY OVERLOAD DEVICE

GEAR BOX

Universal gear box offers a wide range of cutting capacity. All ranges can be reached by moving one lever and two rotary dial.

MODEL: KLS-1440

Fully tooled with 3 jaw chuck, 4 jaw chuck, steady rest, follow rest, etc. Machine weigh in at 1650 lbs.

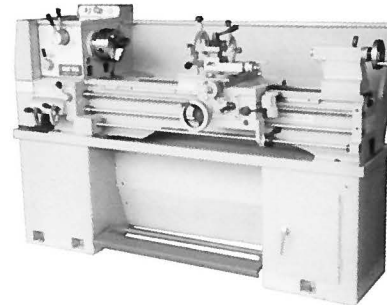
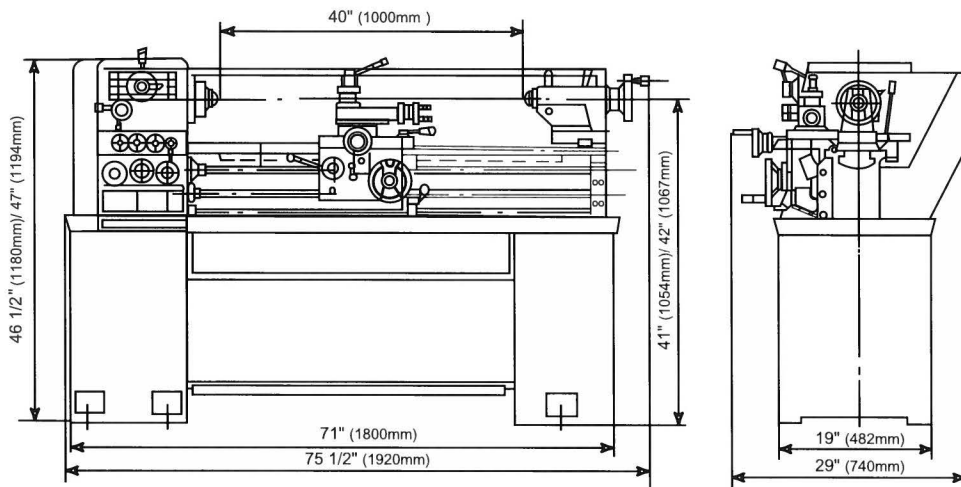
EMERGENCY FOOTBRAKE

REMOVEABLE CHIP PAN

8" wide hardened ground bed ways removeable.

SOLID CAST IRON BASE

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MODEL: KLS 1340

OPTIONAL ACCESSORIES

Taper turning attachment
5C collet closer
Quick change tool post
DRO System

	KLS-1340	KLS-1440
Swing over bed	13"	14"
Swing over cross slide	7-1/4"	8-5/8"
Swing over gap	18-3/4"	20"
Width of bed	7-3/8"	8-1/8"
Distance between centers	40"	40"
Cross slide travel	6-1/2"	7"
Top slide travel	3"	4"
Spindle speeds	8	16
Spindle speed range	70-2000 RPM	45-1800 RPM
Through hole diameter	1-1/2"	1-1/2"
Spindle nose	D1-4 Camlock	D1-4 Camlock
Spindle bore taper	MT#5	MT#5
Standard (whit-worth)	32 (4-56) TPI	40 (4-112) TPI
Metric pitch	32 (0.4-7) mm	22 (0.4-7.5) mm
Longitudinal feeds	0.0032-0.1067 in/rev	0.0012-0.0294 in/rev
Cross feeds	0.00086-0.0367 in/rev	0.0004/0.0108 in/rev
Leadscrew diameter	7/8"	7/8"
Thread pitch	8 TPI	8 TPI
Quill travel	3-5/8"	4-3/4"
Quill diameter	1-1/2"	1-25/32"
Quill bore taper	MT#3	MT#3
Main motor	2 HP (110V or 220V, 1-phase)	3 HP (2 Speed, 3-phase)
Coolant pump motor	N/A	1/8 HP
Overall dimension	76" x 29" x 47"	76" x 29" x 47"
Packing dimension	80" x 35" x 61"	80" x 35" x 61"
Net weight	1100 lbs	1650 lbs
Gross weight	1310 lbs	1950 lbs



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