

KENT INDUSTRIAL (USA) INC.

KENT USA RML-1440VT FREQUENCY DRIVE ENGINE LATHE



OUTSTANDING FEATURES:

5 HP main spindle motor using frequency drive and capable of running using single phase power
Digital display 20-400-2500
infinitely variable spindle speeds
Hardened and ground gears and bedways
Cast iron machine bedways with full one piece cast base and front loading chip tray for easier cleaning
Foot brake and T-Slot compound
Inch/metric reading on dials
Inch/metric ruler on tailstock quill
ISO 9001 certified manufacturer

RML-1440VT Engine Lathe

SPECIAL ACCESSORIES PACKAGE PROMOTION

3-jaw chuck (9"), Chuck cover, Steady rest, Follow rest, 4-position tool post, Coolant system, Full-length splash guard, Halogen work light, Carriage stop, Thread chasing dial, Toolbox with standard tools

OPTIONS AND ACCESSORIES:

Acu-Rite 200S DRO (2-axis, $x=0.0001"/z=0.0002"$ res)*
DRO installation charge
Aloris CXA #3-Set (tool post plus 6 holders)
5C lever style collet closer*
Royal spindle type live center MT#4
BTC 3-jaw chuck w/back plate (Zero-set, 8" D1-6)
BTC 3-jaw chuck w/back plate (Zero-set, 10" D1-6)
4-jaw independent chuck (10" D1-6)
Taper turning attachment*
Face plate (12" D1-6)
Transformer for 440v power (5 KVA)
Micro carriage stop
Rustlick coolant (1 gal, mixes 1:30)

*Please note: Installed options may require a deposit; which is non-cancelable and non-refundable.

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GENERAL SPECIFICATIONS: RML-1440VT

Machine Capacity	Swing over bed	14-3/16" (360 mm)
	Swing over cross slide	8-3/8" (214 mm)
	Swing over gap	21" (533 mm)
	Width of bed	10-1/4" (260 mm)
	Distance between centers	40" (1000 mm)
	Cross slide travel	8-11/16" (220 mm)
	Top slide travel	5-1/2" (140 mm)
Main Spindle	Spindle speeds	Inf. Variable (2 ranges)
	Spindle speed range	20-400-2500 RPM
	Through hole diameter	2-1/16" (52.5 mm)
	Spindle nose	D1-6 camlock
	Spindle bore taper	MT #6
Threads	Standard (Whit-worth)	45 (2-72) TPI
	Metric pitch	39 (0.2-14) MM
	Module (mm)	18 (0.3-3.5)
	Diametrical	21 (8-44) DP
Feeds	Longitudinal feeds	0.002"-0.067" IN/REV
	Cross feeds	0.001"-0.034" IN/REV
Leadscrew	Leadscrew diameter	1-1/8" (29 mm)
	Thread pitch	4 TPI
Tailstock	Quill travel	6" (155 mm)
	Quill diameter	2" (52 mm)
	Quill bore taper	MT #4
Power	Main motor	5 HP (3-phase)
	Coolant pump motor	1/8 HP (3-phase)
Dimension	Overall dimension	81" x 36" x 60" (LxWxH)
	Packing dimension	87" x 42" x 66" (LxWxH)
Weight	Net weight	3190 LBS
	Gross weight	3630 LBS

POWER REQUIREMENTS: 220v, 60 Hz, 3-phase @ 20 Amp or 1-phase @ 30 Amp.