

legendary since 1887



RKLI300-1500
high speed



RKLI900
high speed



RKL2100-2500-2900
heavy duty

HEAVY DUTY SPINDLE:

Headstock spindle is machined from forged alloy steel then is hardened, ground and dynamically balanced. The spindle has three point high grade precision bearing support.

ELECTRONIC VARIABLE SPEED HEADSTOCK

Multiple gear ranges that supply a high torque all ranges. Electronic control panel that is mounted above the headstock provides a RPM LED display, ON-OFF power indicator light, speed control knob, emergency stop push button and spindle jogging push button. Electronic infinitely variable speed is controlled by an AC motor inverter. A 1/4HP electric pump provides the headstock with forced pressure lubrication.

BED and BASE

One piece machine floor base is made of solid cast iron. The bed is made of meehanite casting that is vibration stress relieved. Bed ways are induction hardened with precision ground ways. Front mounted chip pan for easy removal of metal chips and debris. Proven 2V and flat solid bed design provides rigidity that assures accuracy and maximum stability.

standard features

- ◆ 4-WAY TOOL POST
- ◆ STEADY REST-- ROLLER JAWS
- ◆ FOLLOW REST -- ROLLER JAWS
- ◆ TWO DEAD CENTERS
- ◆ SPINDLE CENTER SLEEVE
- ◆ TOOLS AND TOOL BOX
- ◆ OPERATION MANUAL
- ◆ LEVELING BLOCKS
- ◆ TOUCH UP PAINT
- ◆ THREAD INDICATOR
- ◆ FACE PLATE
- ◆ SPLASH GUARD
- ◆ HALOGEN WORK LAMP
- ◆ SLIDE OUT CHIP PAN
- ◆ COOLANT SYSTEM & PUMP
- ◆ 2V BED
- ◆ BRAKE PADEL
- ◆ TAPER ATTACHMENT
- ◆ CHUCK SAFETY GUARD
- ◆ SAFETY DISCONNECT SWITCH

optional accessories*

- ◆ DIGITAL READOUT
- ◆ CHUCKS
- ◆ COLLET CLOSER ATTACHMENT
- ◆ COLLETS SETS
- ◆ QUICK CHANGE TOOLPOSTS
- ◆ MICRO BED CARRIAGE STOP
- ◆ TURRET TYPE CARRIAGE STOP
- ◆ DRIVING PLATE WITH DOG
- ◆ STANDARD AND CUSTOM CENTERS
- ◆ DRILL CHUCK KEYLESS AND ARBOR
- ◆ TOOL POST GRINDER
- ◆ PNEUMATIC TAILSTOCK

high speed

heavy duty

	RKLI300	RKLI500	RKLI900	RKL2100	RKL2500	RKL2900
capacity	SWING OVER BED 14.16" DISTANCE BETWEEN CENTERS 40" / 60" SWING OVER CROSS-SLIDE 8.4" SWING IN GAP 21" SPINDLE NOSE TO GAP (MAX) 6.5" CROSS SLIDE TRAVEL 8.6" COMPOUND/TOP SLIDE TRAVEL 5.5" BED WIDTH 10"	16.14" 40" / 60" 10.4" 23" 6.5" 8.6" 5.5" 10"	20" 40" / 60" 13.9" 27.5" 9.0" 10.7" 6.3" 12"	22" 13.4" 31.4" 10.6"	26" 58"-87"-106"-117"-157" 17.5" 35.1" 10.6" 15.74" 9.53" 16"	30" 21.5" 40.0" 10.6"
headstock	SPINDLE NOSE D1-6 SPINDLE BORE 2.1" TAPER INSIDE SPINDLE MT 6 MAX SPINDLE SPEED (RPM): 2500	D1-6 2.1" MT 6 2500	D1-6 3.2" MT6 2200	D1-11 4.1" MT 7 1200	D1-11 4.1" MT 7 1200	
threads	INCH THREADS METRIC THREADS MODULAR THREADS DIAMETRAL THREADS	(45) 2 to 72 TPI (39) 0.2 to 14 MM (18) 0.3 to 3.5 (21) 8 to 44	(44) 2 to 72 TPI (39) 0.2 to 14 MM (24) 0.2 to 3.5 (24) 8 to 48			
feeds	LONGITUDINAL FEED CROSS FEED NUMBER OF FEED SELECTIONS LEAD SCREW	0.002 to 0.067 IPR 0.001 to 0.034 IPR 45 1.13"	0.0014 to 0.0408 IPR 0.0007 to 0.0204 IPR 44 1.75"			
tailstock	QUILL DIAMETER QUILL TRAVEL QUILL INSIDE TAPER	2.1" 6.0" MT 4	2.1" 6.0" MT 4	2.3" 5.0" MT 4	3.1" 9.9" MT 5	
electrics	SPINDLE MOTOR/INVERTER VOLTAGE COOLANT MOTOR	5HP 230V/60hz/3PH* 1/8 HP	7.5HP 230V/60hz/3PH* 1/8 HP	7.5HP 480V/60hz/3PH* 1/8 HP	15HP 480V/60hz/3PH* 1/8 HP	480V/60hz/3PH* 1/8 HP
size	APPROXIMATE NET WEIGHT (LBS) FOOTPRINT	3200 38" X 85"	3,860 38" X 85"/106"	4,500 45" X 91"/112"	6500/7000/7200/7500/8300 6700/7200/7500/7700/8500 50" X 91"/114"/146"/177"/216"	7100/7500/7900/8200