

FEATURES

HEAVY DUTY SPINDLE: The headstock spindle is machined from forged alloy steel. It is hardened, ground and dynamically balanced. The spindle has three (3) point high grade precision bearings support.

ELECTRONIC VARIABLE SPEED HEADSTOCK: There are three (3) headstock gear ranges that supply a high torque in low range (30 to 125 RPM), medium range (125 to 450 RPM) and in high range (450 to 2200 RPM). The 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. The electronic infinitely variable speed is controlled by an AC motor inverter.

BED and BASE: The one (1) piece machine floor base is made of solid cast iron. The bed is made of meehanite casting that is vibration stress relieved. The bed ways are induction hardened and precision ground. The precision hand scraped bed has a removable gap. The 2V solid bed design provides rigidity that assures accuracy and maximum stability.

STANDARD EQUIPMENT

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| Main Drive Motor & Inverter: 7.5HP | Steady Rest w/Roller Jaws |
| Electrics: 230V/3PH/60HZ | Follow Rest w/Bronze Jaws |
| Coolant System w/110V/1PH/60HZ Pump | Telescopic Taper Attachment |
| Chuck Guard (Manual) | 4-Way Tool Post |
| Removable Front Chip Pan | Face Plate (12”) |
| Full Length Splash Guard | Brake Pedal |
| Lockable Main Disconnect Switch | Dead Centers (Qty 2) |
| Halogen Work Light | Spindle Center Sleeve (Qty 1) |
| Operation Manual & Parts List | Thread Indicator |
| Tool Box & Tools | Leveling Pads (Qty 6) |

SPECIFICATIONS

LATHE SPECIFICATIONS		RKL-1960V Inch
CAPACITY	Swing Over Bed	20.00"
	Distance Between Centers	60"
	Swing Over Cross-Slide	13.89"
	Swing in Gap	27.48"
	Gap Width in Front of Faceplate	7.67"
	Cross Slide Travel	10.62"
	Top Slide Travel	4.72"
HEADSTOCK	Spindle Nose	D1-6
	Spindle Bore	3.149"
	Variable Spindle Speed (RPM): Low	30 - 125
	Variable Spindle Speed (RPM): Medium	125 - 450
	Variable Spindle Speed (RPM): High	450 - 2200
THREADS	Inch Threads	(45) 2 to 72 TPI
	Metric Threads	(39) 0.2 to 14 MM
	Modular Threads	(18) 0.3 to 3.5
	Diametral Threads	(21) 8 to 44
FEEDS	Longitudinal Feed	0.0015 to 0.04 IPR
	Cross Feed	0.00075 to 0.02 IPR
TAILSTOCK	Quill Diameter	2.322"
	Quill Travel	5.0"
	Quill Inside Taper	MT 4
ELECTRICS	Spindle Motor & Inverter	7.5HP
	Voltage	Customer to Specify Requirement
	Coolant Motor	1/8 HP
WEIGHT & SIZE	Approximate Net Weight	4,850 lbs
	Floor Space Requirement	55" X 115"

PRICE: \$32,600.00