

K.O. Lee High Precision Surface Grinder

Model: KOL-820/2A

FEATURES

PRECISION GRINDING SPINDLE: The precision cartridge spindle is greased and free of maintenance. It is comprised with four (4) preloaded class 9 super precision angular contact ball bearings suitable for heavy grinding. The spindle is directly coupled with a V-3 motor. This ensures spindle run out accuracy of less than 0.002mm (.00008”).

MACHINE CONSTRUCTION: The main components of the machine, including the base, column and saddle, are made of High Quality Meehanite cast iron which is stress relieved to insure rigid stability.

SLIDEWAYS: Both longitudinal and cross slide ways are precisely hand-scraped and laminated with Turcite-B. This provides a smooth travel and even low wear.

TABLE CONSTRUCTION: The unique design of the longitudinal and cross slideway's Full Support System maintains accuracy during table reversing and full length of travel.

TABLE FEEDS: The longitudinal feed is hydraulic powered and the cross feed is electric motor powered. Both movements have adjustable reversing capability and interlocks to prevent manual operation while in a power feed mode.

AUTOMATIC LUBRICATION SYSTEM: The auto lubrication system, which is standard, provides lubrication on all slideways and leadscrew. This insures a smooth travel and minimizes wear.

CONTROL PANEL: All push buttons and switches are conveniently located on the control panel for easy operation.

STANDARD ACCESSORIES

- Tool Box with Adjusting Tools
- Grinding Wheel with Flange
- Wheel Extractor
- Wheel Wrench
- Balancing Arbor
- Auto Lubrication System
- Leveling Screws with Blocks
- Touch-up Paint
- Machine Lifting Hooks
- Operation Manual with Parts List

SPECIFICATIONS

K.O. Lee Surface Grinder Model KOL-820/2A		Specifications
	Table Size	8" X 20"
General	Maximum Grinding Length	20"
Capacity	Maximum Grinding Width	8.6"
	Distance from Table Surface to Spindle Center	19.3"
Longitudinal	Manual Travel	20"
Movement	Hydraulic Travel	20"
	Table Size (Infinite Variable)	1-25m/min
	Manual Travel	9"
	Electric Motor Travel	8.26"
Cross	Rapid Traverse	1200mm/min
Movement	Handwheel/Revolution	0.2"
	Handwheel/Graduation	0.001"
	Intermitted Cross Feed	0.15-7.5mm
Vertical	Handwheel/Revolution	0.05"
Downfeed	Handwheel/Graduation	0.0002"
Grinding	Wheel Size	8" X 1/2" X 1-1/4"
Wheel	Spindle Speed	3600 RPM
	Spindle Motor	2HP; 230V/460V
Motors	Cross Feed Motor	1/6HP
	Hydraulic Tank Motor	1HP
Weight		2134 lbs
Dimensions	Packaging (L X W X H)	67" X 49" X 79"

PRICE: \$19,500.00