



High Precision Surface Grinders Manual and Automatic

KOL-618

KOL-820

Reliable

Economical and easy to operate. Our manual and automatic surface grinders offer all of the accuracy of more expensive surface grinders, with the same quality features.

The **K.O.LEE High Precision Surface Grinder** longitudinal and cross slide ways are precision hand-ground then laminated with Turcite-B. This provides a smooth, even travel with low wear. A full support system maintains accuracy during table reversing and full length of travel. Main components including base, column and saddle, are made of High Quality Meehanite cast iron stress relieved to insure rigid stability.

The features also include slip-ring hand wheel dials, a removable cartridge-type spindle with a pair of duplex Class 9 bearings, and dynamically balanced V-3 motor starting at 1.5 HP. Increased HP packages available.

Standard Features

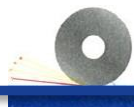
- Grinding Wheel
- Wheel Flange
- Wheel Extractor
- Wheel Balancing Arbor
- Wheel Balancing Base
- Auto Lube System
- Leveling Screws with Blocks and Eyebolts
- Toolbox and Tools
- Working Lamp
- Manual



KOL-820

Optional Equipment*

- Permanent Magnetic Chuck
- Electro Magnetic Chuck
- Dust Collector
- Coolant System with Splash Guard
- Coolant and Dust System with Splash Guard
- Diamond Dresser
- Balancing Stand
- Spare Wheel Flanges
- Parallel Dresser



*Contact Factory for More Available Features





High Precision Surface Grinders

Manual and Automatic

Specifications

Model

Description	Unit	KOL-618	KOL-820
Working Surface Of Table	in	6 X 18	8 X 20
	mm	150 X 457	200 X 500
Max. Table Travel	in	7 X 19	9 X 20
	mm	270 X 550	340 X 650
Max. Surface Ground	in	6.25 X 18.75	8.6 X 20
	mm	160 X 475	200 X 510
Max. Distance Center Of Spindle To Table	in	20.47	19.3
	mm	520	490
Table Speed/Per Min.	ft/min	16' - 82'	16' - 82'
	mm	5 - 25	5 - 25
Auto. Cross Feed Increment	in	0	
	mm	0.15-7.5	0.15-7.5
Cross Feed On Hand Wheel Rev./Gra.	in	0.2/0.0001	0.2/0.0001
	mm	5/ 0.02	5/ 0.02
Vertical Feed On Hand Wheel Rev./Gra.	in	0.05/0.0002	0.05/0.0002
	mm	1/ 0.005	1/ 0.005
Grinding Wheel Speed (Approx.)	r/min	3600	3600
Grinding Wheel Dimension	in	8 X 1/2 X 1-1/4	8 X 1/2 X 1-1/4
	mm	205 X 13 X 31.75	205 X 13 X 31.75
Spindle Motor	HP	1.5 Std. /2 Opt.	2 Std. / 3 Opt.
Hydraulic Pump Motor	HP	1	1
Auto Cross Feed Motor	HP	1	1
Table Load	lb.	550	660
	kg.	250	300
Machine Weight (Net)	lb.	2046	2134
	kg.	930	970
Shipping Dimensions (L x W x H)	in	67 X 45 X 79	67 X 71 X 88
	mm	1700 x 1150 x 2000	2286 x 1250 x 2000

Customer Service

A knowledgeable staff is always available for prompt parts and service assistance. For a personalized quote, contact our sales department. Or visit www.leblondusa.com.

