



High Precision Surface Grinders

KOL-1020HS

KOL-1224HS

KOL-1632HS

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 7 bearings, and dynamically balanced motor starting at 2HP. Increased HP packages available.

Standard Features

- Grinding Wheel
- Wheel Flange
- Flange Extractor
- Wheel Balancing Arbor
- Wheel Balancing Base
- Wheel Dresser with Diamond
- Leveling screw and plates
- Toolbox and Tools
- Working Lamp
- Manual



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Optional Equipment*

- Permanent Magnetic Chuck 250 x 500mm
- Electro Magnetic Chuck 250 x 500mm
- Auto Down Feed
- Micro Feed for Vertical
- Micro Feed for Cross Feed
- Magnetic Separator with coolant system
- Auto Paper Strip Filter w/Coolant system
- Auto Paper Strip Filter w/Mag. Separator + Coolant
- Parallel Dresser (manual)
- NC Auto dressing & compensation
- Auto crossing stroke adjustment



***Contact Factory For More Available Features**





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Specifications

Model

Description	Unit	KOL-1020HS	KOL-1224HS	KOL-1632HS
Working Surface Of Table	in	10 X 20	12 X 24	16 X 32
	mm	250 X 500	300 X 600	400 x 800
Max.Table Travel	in	11 X 22	13 X 26	18 X 22
	mm	270 X 550	340 X 650	450 X 860
Max. Surface Ground	in	10 X 20	12 X 24	16 X 32
	mm	250 X 500	300 X 600	400 x 800
Max. Distance Center Of Spindle To Table	in	24	24	25
	mm	600	600	650
Table Speed/Per Min.	ft/min	16' - 82'	16' - 82'	16' - 82'
	mm	5 - 25	5 - 25	5 - 25
Auto. Cross Feed Increment	in	0.004 - 0.8	0.004 - 0.8	0.004 - 0.8
	mm	0.1 - 20	0.1 - 20	0.1 - 20
Cross Feed On Hand Wheel Rev./Gra.	in	0.2/0.0001	0.2/0.0001	0.2/0.0001
	mm	5/ 0.02	5/ 0.02	5/ 0.02
Vertical Feed On Hand Wheel Rev./Gra.	in	0.05/0.0002	0.05/0.0002	0.05/0.0002
	mm	2/ 0.01	2/ 0.01	2/ 0.01
Grinding Wheel Speed (Approx.)	r/min	3500	1750	1750
Grinding Wheel Dimension	in	8 x 1/2 x 1-1/4	14 x1-1/2 x 5	16 x 2 x 5
	in		Optional 8 x 1/2 x 1-1/4	
	mm		350 X 40 X 127	
Spindle Motor	HP	2 Std. /3 Opt.	2 Std. / 5 Opt.	5 Std. / 7.5 Opt.
	kW	2.25	3.75	5.63
Hydraulic Pump Motor	HP	1	1	2
Auto Cross Feed Motor	HP	1	1	1
Table Load	lb.	550	660	880
	kg.	250	300	400
Machine Weight (Net)	lb.	3300	4290	7300
	kg.	1500	1950	3320
Shipping Dimensions (L x W x H)	in	84 x 59 x 85	90 x 71 x 88	109 x 90 x 88
	mm	2120 x 1500 x 2159	2286 x 1790 x 2235	2770 x 2286 x2235

Customer Service

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

