



PRECISION SURFACE GRINDER KGS-618

Manual Hand Feed



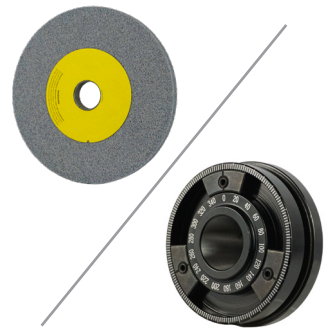
KGS-618 Precision Surface Grinder

Why Kent KGS-618 Grinder?

- Accepts 1/2" - 8" wide grinding wheels
- H-Frame Column Design for rigidity
- High Column with 21" spindle to table clearance
- Roller balls on linear slide ways for smooth and easy table movements
- Flange mounted spindle design for better side grinding
- Solid chrome plated metal handwheels for all axes
- Zero setting dial in 0.0002" graduation
- Machine weight 2400 lbs- twice the weight of others
- 24v control circuits power

Standard Accessories

- > Grinding Wheel
- > Wheel Flange
- > Balancing Base
- > Balancing Arbor
- > Diamond Table Dresser
- > Leveling Bolts and Pads
- > Toolbox with Standard Tools



Optional Accessories

- | | |
|-------------------------------------|-----------------------------|
| > Overhead Parallel Dresser | > Electric Wheel Flange |
| > Flood Coolant System | > Digital Readouts System |
| > Dust-Suction Coolant System | > Auto Lubrication System |
| > Permanent Magnetic Chuck | > Angle Forming Attachment |
| > Electric Magnetic Chuck & Control | > Radius Forming Attachment |



Elevated Column Design

Elevated H-Frame column design allows extra grinding capacity, with 21" spindle to table clearance for that extra height under the grinding wheel.

Table Drive Mechanism

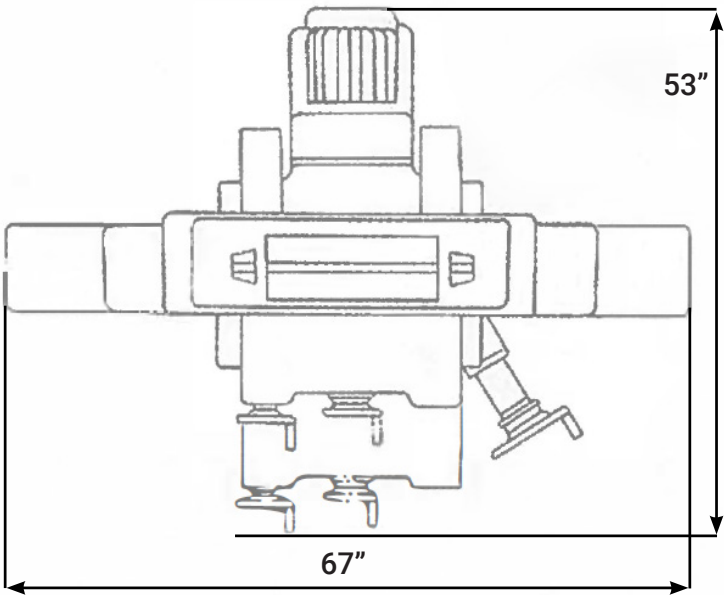
Cable drive mechanism for simple yet positive table control. Roller steel balls on hardened steel linear slide ways for smooth and easy table movements.

Lubrication System

A centralized one-shot lubrication system provides non-circulating, clean and proper lubrication to all necessary mechanism.

Machine Base

Enhanced ribbed full cast iron base provides the best anti-vibration foundation with greater stability and rigidity over the competition.



Spindle

High precision flange-mount cartridge spindle design with ABEC-7 class bearings assure high accuracy and greater side grinding rigidity and precision.

Model	KGS-618
Working Capacity	6" x 18"
Max. Table Travel	19.5"
Max. Saddle Travel	6.75"
Spindle Center to Table Top	21"
T-Slot (Number x Size)	1 x 9/16"
Spindle Motor	2 hp, 3470 rpm, 60hz
Grinding Wheel	8" x 1" x 1 1/4"
Downfeed Dial Graduation	0.0002"
Downfeed Dial Revolution	0.050"
Crossfeed Dial Graduation	0.0005'
Crossfeed Dial Revolution	0.100"
Net Weight	2,400 lbs
Gross Weight	2,600 lbs
Packing Dimension	44" x 55" x 80"