



Precision Surface Grinder



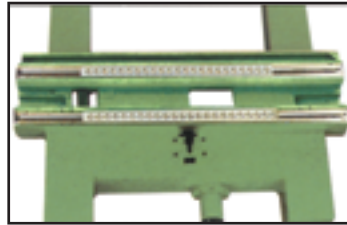
ORDER NO. SG-1A618 /1A820
SG-2A618 /2A820



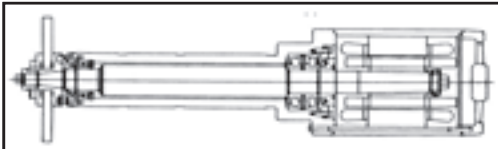
ORDER NO. SG-614
SG-618/618B
SG-818B



Adjustable lead screw's Nut



Steel Ballways



Precision grinding spindle



Double V slideways



ORDER NO. SG-3A618
SG-3A820

Machine Features

- The main parts of the machine such as base, column & saddle are made of "MEEHANITE" castings which are stress released by annealing to ensure stable rigidity & high accuracy and to extend machine life.
- **Cross slideways adopts "double Vees"** to ensure the best accuracy.
- Both longitudinal & cross slideways are precisely handcrafted and coated with Turcite -B for smooth movement and ever low wearing .
- The automatic lubrication system is furnished as standard to provide ample lubrication on all slideways and leadscrews enabling a smooth movement so as to minimize wearing possibility.
- The spindle is directly coupled with V-3 motor which ensures high spindle run out accuracy of 0.002mm.
- Longitudinal/ cross slideways are made by full-support design to offer the high precision during movement.
- Elevating movement is driven on V-type slideways, the backlash can be adjusted to match the precise movement between lead screw & worm gear . The drive shaft is strongly supported by two bearings for smooth running and noise free.
- The precision cartridge spindle, greased & free of maintenance, is incorporated with 4 pieces of preloaded class 7 (P4) super precision angular contact ball bearing for heavy grinding.