



FREJOTH

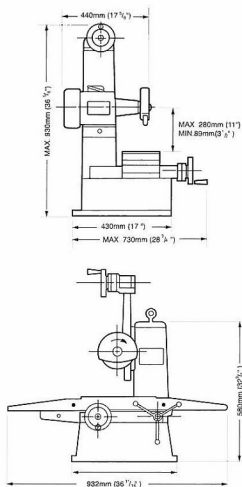
BENCH TYPE PRECISION SURFACE GRINDER

FEATURES:

- Table slide on 36 precision steel balls.
- Meehanite casting on major parts.
- Precision constructed wheel head producing extremely smooth grinding finish.
- Down feed is driven with spiral bevel gear.
- A high performance, precision surface grinder is ideally suitable for tool room production.
- Metric/Imperial dual reading dial hand wheel for vertical slid movement.
- Grinding wheel spindle supported with angular contact bearings, ball bearing supported vertical and cross feed screws.
- Longitudinal movement by means of rack and pinion.



F-612SG



Optional accessories:

- Permanent magnetic chuck
- Diamond wheel dresser
- Grinding wheel balancing stand
- Manual lubricating pump
- Steel floor stand
- Working lamp
- Coolant system
- Splash guard
- Sine vise

Standard accessories:

- Single or three phase motor
- On-Off Safety Switch
- Grinding wheel (sample only)
- Wheel guard
- Adjustable pin spanner
- Tools and tool box
- CE norm

SPECIFICATIONS

| GRINDING CAPACITY | F-612SG | F-812SG | F-818SG |
|-------------------------------------|----------------------------------|--------------------|------------------------|
| Ground working length | 320mm(12") | 320mm(12") | 470mm(18") |
| Ground workingwidth | 170mm(6") | 200mm(8") | 200mm(8") |
| TABLE Size | 305x152mm(12x6") | 305x152mm(12x6") | 418x152mm(16x6") |
| Longitudinal travel | 320mm(12") | 320mm(12") | 470mm(18") |
| Cross feed movement | 170mm(6") | 200mm(8") | 200mm(8") |
| Vertical Movement Head | | | |
| Max. table surface to wheel cen | 280mm(11") | 320mm(12.6") | 320mm(12.6") |
| Min. table surface to wheel cen | 89mm(3.5") | 89mm(3.5") | 89mm(3.5") |
| Grinding wheel size | 178x31.7x12.7mm(7x1-1/4" x 1/2") | | |
| Grinding wheel spindle speed | 50 Hz-2860 rpm | | 60Hz-3600rpm |
| Vertical feed hand-wheel graduation | | 0.012mm (0.0005") | |
| Cross feed hand-wheel graduation | | 0.0025mm (0.0001") | |
| Spindel motor | | 0.563 Kw (0.75HP) | |
| Floor space | 440x430mm(17"x17") | | 600x550mm(23.6"x21.6") |
| Net weight | 205 Kgs(452 Lbs) | 230 Kgs(507 Lbs) | 230 Kgs(507 Lbs) |
| Gross weight | 260 Kgs(573 Lbs) | 290 Kgs(640 Lbs) | 290 Kgs(640 Lbs) |
| Packing dimension | 1040x730x950mm (41"x29"x38") | | |

*We reserve the right to modify and improve above spcification without notice.