

# Manual/Automatic Surface Grinders with Servo Drives

SD714, SD914, SD918, SD1020, Sd1224

**Brand Available:** Guru Arjan Machine Tools (GAMT).



| Specifications                              | Unit   | SD714         | SD914          | SD918          | SD1020        | Sd1224        |
|---|--------|---------------|----------------|----------------|---------------|---------------|
| Working Surface of the table                | mm     | 175x350       | 225x350        | 225x450        | 250x500       | 300x600       |
| Maximum height from table to Grinding Wheel | mm     | 175           | 275            | 275            | 275           | 275           |
| Vertical Feed Graduation                    | mm     | 0.01          | 0.01           | 0.01x0.002     | 0.002         | 0.002         |
| Cross Feed Graduation                       | mm     | 0.05          | 0.05           | 0.05           | 0.05          | 0.05          |
| Spindle Speed                               | R.P.M. | 2800          | 2800           | 2800           | 2800          | 2800          |
| Size of Grinding Wheel                      | mm     | 175x13x31.75  | 200x13x31.75   | 200x13x31.75   | 200x20x31.75  | 200x20x31.75  |
| Magnetic Chuck                              | mm     | 150 x 300     | 200 x 300      | 200 x 450      | 200 x 500     | 250 x 500     |
| Electric Motor                              | K.W.   | 0.5 / 3 Phase | 0.75 / 3 Phase | 0.75 / 3 Phase | 1.5 / 3 Phase | 1.5 / 3 Phase |
|   | RPM    | 3/4HP 2800    | 1HP 2800       | 1/1.5 2800     | 2HP 2800      | 2HP 2800      |
| Diamond Dresser                             | Cr.    | 0.5           | 0.5            | 0.5            | 0.5           | 0.5           |
| Wheel Balancing Stand                       |        | One           | One            | One            | One           | One           |
| Net Weight (Approx.)                        | Kgs.   | 650 ~ 700     | 700 ~ 750      | 800 ~ 900      | 900 ~ 1000    | 1200 ~ 1250   |

## Features :

Manufactured to exact tolerance :

### PARALLELISM

Longitudinal axis : 0.010/300mm  
Cross axis : 0.010/300mm  
Vertical axis : 0.01/300

### SQUARENESS

X-Y-Z axis  
0.010/300mm

### FLATNESS

0.010/300mm

### SPINDLE RUN OUT

0.010