

Product Name :
Astra Scientific Surface Grinding Machine

Product Code :
CNCWORK0008



Description :

Astra Scientific Surface Grinding Machine

Technical Specification :

- Machine s bed has unique design in which the Table and the Upright are aligned exactly at right angles.
- Saddle is guided on ground V-ways resting for high precision and smooth operations.
- Wheel Head is mounted on a constructed vertically column supported by Preloaded precision bearings. Driving pulleys are dynamically balanced.

Max. Table Size (mm) 200 x 450 300 x 450 200 x 600 300 x 600

Max. Longitudinal Travel (mm) 525 525 675 675

Max. Cross Travel (mm) 240 350 240 350

Max. Spindle Center Height above Table (mm) 400 400 400 750

SPEED AND FEEDS

Max. Table Speed (m/min) 15 1.5 to 15 1.5 to 18 1.5 to 18

Power Cross Traverse (m/min) 1000 1000 1000 1000

Auto Cross Feed at each Table reversal

(infinitely variable) (mm) 0.5 to 10 0.5 to 10 0.5 to 10 0.5 to 10

Least Count of vertical feed head wheel (mm) 0.002 0.002 0.002 0.002

GRINDING HEAD

Size of Grinding wheel (mm) 200 x 20 x 31.75 200 x 20 x 31.75 250 x 25 x 76.2 250 x 25 x 76.2

Power of spindle motor (HP) 2 2 3 3

Speed of grinding spindle (RPM) 2800 2800 2800 2800

HYDRAULIC SYSTEM

Working Pressure (Kg/cm) 20 20 20 20

Motor (HP) 2 2 2 2

Tank capacity (Ltrs) 75 75 75 75



Astra Scientific

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