

Machine Name : Jig grinding machine

Brand : HAUSER

Machine Model : S35-400

Stock No. : 489726

Ex-factory Date : 2000



Main Technical Parameters:

Adjustment range of the X*Y axes: 500 × 300 mm

Vertical adjustment of the grinding head (W): 450 mm

Gap between the grinding motor and the worktable: 0-500 mm

Distance from spindle center to the column: 365 mm

Grindable diameter (with Ø100 mm grinding wheel):

Without extension plate: max. 230 mm

With extension plate: max. 360 mm

Taper grinding angle (divergent/convergent): max. 16°

Worktable:

Worktable surface: 600 × 380 mm

Maximum allowable load: 300 kg

Feed:

X and Y directions (worktable and saddle)

Machining speed: 0-2000 mm/min

Rapid traverse speed: 2000 mm/min

W direction (vertical)

Machining speed: 0-2000 mm/min

Rapid traverse speed: 4000 mm/min

Grinding Spindle

Spindle sleeve diameter: 100 mm

Spindle speeds:

Grinding motor (stepless adjustment, programmable): 4500-80,000 rpm

Grinding air turbine: up to 130,000 rpm

Slot-grinding attachment (stepless adjustment): 3900-18,300 rpm

C-axis Rotational Speed:

Planetary mode (stepless adjustment, programmable): 5-300 rpm

Follow-up mode (AC servo): up to 20 rpm

Z-axis Reciprocating Stroke:

Speed range: 0.500-14,000,000 mm/min

Maximum reciprocating frequency: 5 Hz

Maximum stroke (stepless adjustment): 110 mm

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