

Machine Name : CNC Profile Grinder

Brand : STUDER

Machine Model : STUDER S31

Stock No. : 67057

Ex-factory Date : 2004



Main Technical Parameters:

CNC System: FANUC SERIINes 21I-TB

Main Footage, main Footage of the shaft

Distance between centers is 650mm

Option: Distance between centers 1,000mm

The center height is 175 mm

Desktop longitudinal slide plate (Z-axis)

Distance between centers: 650mm - 800mm - 1000mm

Maximum travel: 1,150mm

The speed resolution is 0.00010.001-20.000mm/min

Transverse slide plate (X-axis)

The maximum travel is 280mm

Speed resolution: 0.0001mm, 0.001-10.000mm/min

grinding wheel headstock

Turret type grinding wheel headstock, universal type

RotaWorktable, suiWorktable for external grinding and/or internal grinding

The rotation Angle of the B-axis ranges from -15° to +195°

Option: Manual rotary shaft

external grinding grinding wheel 0 500 x 63 x 203 mm

Option: grinding wheel 0 400 x 40 x 127 mm

The driving power is 7.5 kilowatts

The maximum linear speed is 50m/s

internal grinding

Option: internal grinding tooling 0120m

Turret type grinding wheel frame, left/left grinding wheel

It can be rotated and is used for external grinding

The rotation Angle of the B-axis ranges from -15° to +195°

The maximum linear speed is 50m/s

