



### TC35 Technical Specification

Swing over bed	mm	528
Swing over cross slide	mm	370
Distance between centers	mm	875
Size of hydraulic Chuck	mm	254 (10")
Spindle nose		A2-8
Spindle bore diameter	mm	92
Feed Bar capacity	mm	75
Spindle speed range	rpm	20-3000
Spindle motor (Mo)	Kw	13.5
Inner diameter of spindle bearing in front	mm	130
Type of Turret	Hydraulic	Angle
NO. of tool Holder		12
Dimension of tool shank	mm	25x25
Cross travel (X-axis)	mm	290
Cross travel (Z-axis)	M/min	1050
Rapid traverse	M/min	X: 20 Z: 24
Type of Tailstock	Hydraulic	Angl.
Tailstock traverse	mm	530
Tailstock quill stroke	mm	100
Tailstock quill diameter	mm	85
Tailstock quill taper	(STD)	MT # 5
SIEMENS SINUMERIK 828D		
Spindle motor (SIMOTIC M)	Kw /Nm / rpm	15 / 95 / 1500
Servo motor(X-axis) (Mo)	Kw /Nm / rpm	3.3 / 16 / 3000
Servo motor(Z-axis) (Mo)	Kw /Nm / rpm	3.8 / 18 / 3000
EL motor	HP	1.7
EL motor	HP	2
Weight	Kgs	6200
Dimension (L.W.H)	Cm	418x203x236

### Features

Meehanite cast iron.  
 Slant bed for X axis  
 Box Ways for X and Z axis  
 Hardening guide ways  
 Turcite-B are coated on 2 axes  
 Belt type spindle.  
 Ball screws type Hiwin / PMI grade3  
 Up to  $\phi$  32.40 for X, Z Axes Ball Screw Diameter  
 Rigid Tapping  
 Automatic Lubricating  
 Cutting Fluid  
 Hydraulic turret type Goldensun, ...  
 Tailstock travel with Hydro-motor system

### Standard Accessories

Siemens System Controller. 10.4" LCD Color screen.  
 Working Lamp  
 Three Step Warning Lamps  
 12 Tools Station (Angular Turret)  
 Foot Switch  
 Leveling Pads & Bolts  
 Tool Box & Hand Tools  
 Transformer  
 External Hand Wheel  
 Heat exchanger for electrical cabinet  
 Chain Type Chip Conveyor  
 Fully- enclosed Splash Guard  
 1 year mechanism warranty  
 5 years technical support  
 Instruction handbook

### Options

Bar feeder interface  
 2 Step Chuck pressure Device  
 High Pressure Coolant (6 Bar)  
 Coolant flush gun or air gun  
 Chip Box

