

RAIS SYSTEM T200

The precise T200 RAIS CNC lathe is designed to perform a wide range of turning operations on medium-sized parts and components on a serial production basis.



STANDARD ACCESSORIES

- ✓ 3-jaw through-hole power chuck
- ✓ Tailstock
- ✓ 8 station tool turret VDI 30
- ✓ Chip conveyor and cart
- ✓ Coolant system
- ✓ Working lamp
- ✓ Automatic lubrication system for axis ways and ball screws
- ✓ Foot switch for chuck operation

High production capacity, stability and speed of all turning operations on various types of material.

Precise spindle assembly mounted in a temperature-stabilized and ribbed casing by means of class P4 spindle bearings featuring minimum radial runout and minimum axial clearance. Guaranteed high cutting speed with no vibration.

Linear (integrated) guideways: precise SP/P-class along X and Z axes. Precise ball screws (class P3) with a pre-loaded double nut and minimum backlash.

High precision of part positioning and long life. Minimized temperature and vibration deviations.

OPTIONAL ACCESSORIES

- ✓ 12 st. tool turret (VDI 30) and C-axis of the spindle
- ✓ Part catcher
- ✓ Bar feeder 1.5 / 3.2 m
- ✓ Bar feeder interface
- ✓ Non through-hole power chuck
- ✓ Auto tools presetter
- ✓ Collet chuck
- ✓ Heat exchanger for electrical cabinet



TECHNICAL PARAMETERS	UNIT	T200
CAPACITY		
Max swing over bed	mm	420
Swing over carriage cover	mm	330
Max turning diameter	mm	200 / 250***
X axis travel	mm	165 + 10
Z axis travel	mm	460 / 370*
X / Z axis rapid traverse	m/min	12 / 20
Ball screw (X / Z): diameter x pitch	mm	32x5 / 40x10
Guideways		Integrated, size 30(X); 35(Z)
Carriage inclination	deg	45
Spindle center height (from floor)	mm	1020
SPINDLE		
Spindle nose		A2-5 / A2-6*
Spindle bore	mm	52 / 62*
Power chuck diameter	mm	170 / 205*
Spindle motor 100% ED / 30 min.**	kW	11 / 15
Max spindle speed	rpm	6 000 / 4 200*
Bar capacity	mm	41 / 51*
Power chucking system		Hydraulic
TURRET		
Number of tool posts		8 / 12*
Number of rotating tools		12*
Tool holder		VDI 30 / BMT*
Torque of rotating tools 100% / 40% / max.**	Nm	12*
Y axis on turret 1		Option
TAILSTOCK		
Tailstock quill taper		MK4
Quill travel	mm	90
Quill diameter	mm	50
SIZE		
Machine weight	kg	3 750
Machine dimensions (approx.): L x B x H	mm	3316 x 1622 x 1911
CNC CONTROL		Fanuc 0i Fanuc 32i **** / Siemens 828D**** / Siemens 840D****
ACCURACY OF THE MACHINE		DIN8605-8607

(*) option
 (**) technical data for Fanuc equipment
 (***) with 12 station turret
 (****) on customer request