

RAIS SYSTEM T202-2S

The double spindle T202-2S RAIS CNC lathe is designed to perform a wide range of complex turning operations on medium-sized parts and components on a serial production basis.



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

STANDARD ACCESSORIES

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



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.

Precise ballscrews (class P3) with a pre-loaded double nut and minimum backlash. High precision of part positioning and long life.

Linear guideways along the two axes - zero clearance. Minimum friction when in motion. High precision and high speed with no need for adjustment during operational life. Minimized temperature and vibration deviations.

Fully enclosed protection of the operational area. Telescopic guards for the guides.



TECHNICAL PARAMETERS	UNIT	T202-2S
CAPACITY		
Max swing over bed	mm	250
Swing over carriage cover	mm	250
Max. turning diameter	mm	200
X axis travel	mm	165 + 10
Z axis travel (Z1 / Z2)	mm	380 / 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		
	MAIN SPINDLE	SUB SPINDLE
Spindle nose	A2-6 / A2-5*	A2-4
Spindle bore	mm 62 / 52*	36
Power chuck diameter	mm 205 / 170*	135
Spindle motor 100% ED / 30 min.**	kW 11 / 15	3.7 / 5.5
Max spindle speed	rpm 4200 / 6000*	4500
Bar capacity	mm 51 / 41*	26
Power chucking system	Hydraulic	Hydraulic
TURRET		
Number of tool posts		12
Number of rotating tools		12*
Tool holder		VDI 30 / BMT*
Tools torque	Nm	12*
Y axis on turret 1		Option
SIZE		
Machine weight	kg	3750
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
 (***) on customer request

OPTIONAL ACCESSORIES

- ✓ 12 station BMT turret and C-axes of the spindles
- ✓ Auto tools presetter
- ✓ Bar feeder 1.5 / 3.2 m
- ✓ Bar feeder interface
- ✓ Y axis
- ✓ Part catcher
- ✓ Collet chuck
- ✓ Heat exchanger for electrical cabinet