

RAIS SYSTEM
T250-2S

TECHNICAL PARAMETERS		UNIT	T250-2S
CAPACITY			
Max swing over bed	mm	510	
Swing over carriage cover	mm	310	
Max turning diameter	mm	310 / 250***	
X axis travel	mm	155 + 30	
Z axis travel	mm	600	
X / Z axis rapid traverse	m/mm	12 / 20	
Ball screw (X / Z): diameter x pitch	mm	32x10 / 40x10	
Guideways		Prismatic	
Carriage inclination	deg	45	
Spindle center height (from floor)	mm	1120	
SPINDLE		MAIN SPINDLE	SUB SPINDLE
Spindle nose		A2-6 / A2-8*	A2-5
Spindle bore	mm	61 / 87*	52
Power chuck diameter	mm	205 / 250*	169
Spindle motor 100% ED / 30 min.**	kW	9 / 11	11 / 15
Max spindle speed	rpm	4200 / 3500*	6000
Bar capacity	mm	51 / 74*	41
Power chucking system		Hydraulic	Hydraulic
TURRET			
Number of tool posts		10 / 12*	
Number of rotating tools		12*	
Tool holder		VDI 40 / 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	120	
Quill diameter	mm	80	
SIZE			
Machine weight	kg	5200 / 5350*	
Machine dimensions (approx.): L x B x H	mm	3910 x 1700 x 1950	
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

OPTIONAL ACCESSORIES

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|--|---|--|
| ✓ 12 station tool turret head (VDI 40) | ✓ Bar feeder 1.5 / 3.2 m | ✓ Non through-hole power chuck |
| ✓ C-axis of the spindle | ✓ Bar feeder interface | ✓ Auto tools presetter |
| ✓ Part catcher | ✓ Heat exchanger for electrical cabinet | ✓ Coolant system (high pressure: 20 Bar) |

RAIS SYSTEM
T350-2S/T400-2S

TECHNICAL PARAMETERS	UNIT	T350-2S	T400-2S		
CAPACITY					
Max swing over bed	mm	600	700		
Swing over carriage cover	mm	400	450		
Max turning diameter	mm	400	450		
X axis travel	mm	210 + 40	235 + 30		
Z axis travel	mm	600	600 / 1200*		
X / Z axis rapid traverse	m/min	20	20		
Ball screw (X / Z): diameter x pitch	mm	32x10 / 40x10	40x10 / 50x10		
Guideways		Prismatic	Prismatic		
Carriage inclination	deg	45	45		
SPINDLE		MAIN SPINDLE	SUB SPINDLE	MAIN SPINDLE	SUB SPINDLE
Spindle nose		A2-8	A2-5	A2-6 / A2-8*	A2-5
Spindle bore	mm	92	52	61 / 87*	52
Power chuck diameter	mm	250 / 315*	169	205 / 250*	169
Spindle motor 100% ED / 30 min.**	kW	18,5 / 22	11 / 15	18,5 / 22	11 / 15
Max spindle speed	rpm	3000	6000	4200 / 3500*	6000
Bar capacity	mm	76	41	51 / 74*	41
Power chucking system		Hydraulic	Hydraulic	Hydraulic	Hydraulic
TURRET					
Number of tool posts		12		12	
Number of rotating tools		12*		12*	
Tool holder		VDI 40 / BMT*		VDI 40 / BMT*	
Torque of rotating tools 100% / 40% / max.**	Nm	12*		12*	
TAILSTOCK					
Tailstock quill taper		MK5		MK5	
Quill travel	mm	100		100	
Quill diameter	mm	80		80	
SIZE					
Machine weight	kg	5600		5800 / 6200*	
Machine dimensions (approx.): L x B x H	mm	4100 x 2200 x 2000		4400 x 2200 x 2000	
CNC CONTROL					
Fanuc 0i Fanuc 32i*** / Siemens 828D*** / Siemens 840D***					
ACCURACY OF THE MACHINE		DIN8605-8607		DIN8605-8607	

(*) option
 (**) technical data for Fanuc equipment
 (***) on customer request

OPTIONAL ACCESSORIES

- | | | |
|--|--------------------------|--|
| ✓ 12 station tool turret (VDI 40) with 12 rotating tools | ✓ Part catcher | ✓ Auto tools presetter |
| ✓ C-axis of the spindle | ✓ Bar feeder 1.5 / 3.2 m | ✓ Coolant system (high pressure: 20 Bar) |
| ✓ Non through-hole power chuck | ✓ Bar feeder interface | ✓ Heat exchanger for electrical cabinet |