

**Description**

Mono-block, welded steel frame with high rigidity  
 Modular table in cast iron with four T18 slots  
 8,4" colour touch screen control  
 The movement of the machine is given by linear guide-ways along all axes and driven by servo-motors (programmable).  
 Spindle turning driven by servo-motor (programmable)  
 Spindle BT40 with automatic clamping  
 Electrical panel with cooling system; meets CE standards  
 External coolant system: pump and tank  
 Self-lubricated moving parts along all axes  
 Automatic tool calibrator  
 RJ45 fast connection mounted on frame

**Control**

OMRON colour touch screen control  
 Memory up to 999 programs  
 Programming of coordinates through 3 different menus:
 

- Single hole (random pattern)
- Grid of holes (single or multiple lines)
- Flange

 50 programmable zero-points  
 3 axes controlled (X,Y,Z)  
 Depth (Z): Is possible to program different speed  
 Programming sequences of work:
 

- Plates drilling cycle
- Profiles drilling cycle
- Thermal drilling cycle
- Tapping cycle
- Small milling cycle (linear and interpolated X/Y)
- Countersink cycle

 Programming sequences of work with auto run, up to 50 programmable lines  
 Programming ISO standard



DATASHEET	TRD25 CN / TRD32 CN / TRD38 CN / TRD42 CN						TRD40 CNR						
	1500	3000	4500	6000	7500	9000	1500	3000	4500	6000	7500	9000	
Capacity steel ST60	Ø 25mm / Ø 32mm / Ø 38mm / Ø 42mm						Ø 40 mm						
Capacity Cast iron	Ø 25mm / Ø 32mm / Ø 38mm / Ø 42mm						Ø 40 mm						
Tapping steel ST60	M16 / M20 / M24 / M27						M24						
Tapping Cast iron	M16 / M20 / M24 / M27						M24						
Spindle servomotor	8,9 Kw						4,4 Kw						
Relation motor/axle spindle	6:5 / 2 : 1 / 2,5 : 1 / 3 : 1						Gear box with two speed ranges 4 : 1 / 1 : 1						
Speeds	50 - 5000 rpm / 50 - 3000 rpm / 50 -2400rpm / 50 - 2000rpm						50 - 750 rpm / 750 - 3000 rpm						
Feeds							Adjustable mm/r						
Spindle taper							BT40						
Distance spindle / table (A)							260 / 660						
Column travel (Z)							400						
Lateral movement travel (X)	1500	3000	4500	6000	7500	9000	1500	3000	4500	6000	7500	9000	
Frontal movement travel (Y)	650												
Table size standard (A+B)	1500x520	3000x520	4500x520	6000x520	7500x520	9000x520	1500x520	3000x520	4500x520	6000x520	7500x520	9000x520	
Table height (D)	920 (720 mm Special beams)												
Max. Speed movement X	22 m/min												
Max. Speed movement Y	12 m/min												
Max. Speed movement Z	4,2 m/min												
Weight	Kg	3000	3750	4500	5250	6300	6750	3050	3800	4550	5300	6380	6800
Dimension (E+F+G)	cm	240x220x220	420x220x220	570x220x220	750x220x220	950x220x220	1000x220x220	240x220x220	420x220x220	570x220x220	750x220x220	950x220x220	1000x220x220

