

# CNC router TR408/TR510/ TR710 ATC Robot

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TigerTec TR408 ATC Robot is a totally new designed product which is mainly used for wood processing. Heavy welded table and gantry are applied in this type for better stability and accuracy. The machine is driven by servo driving system for high travelling speed. A 9 kw HSD aircooling spindle is used for this machine. There are 6/8/12 pieces tool holders for changing the tools easily.

## Options

- ✓ Z stroke 200-300mm
- ✓ Carrousel or Linear tool changer
- ✓ Aggregate head
- ✓ Boring unit
- ✓ Automatic lubricating system

## Applications

- ✓ Widely used in wood processing industry. This machine can be used for processing wood, fiber sheet, density fiber board, etc.
- ✓ Engraving on the wood for embossment or in 3D
- ✓ Processing the wood door and drill the holes for handwares.
- ✓ Processing the cabinet panels with engraving and drilling the holes.

## Datasheet of TR408/TR510/TR710 ATC Robot

Technical data	TR408 ATC Robot	TR510 ATC Robot	TR710 ATC Robot
Working field	1300X2500X200mm	1500X3000X200mm	2000X3000X200mm
Travelling speed	75m/min	75m/min	75m/min
Spindle speed	0-24000rpm	0-24000rpm	0-24000rpm
Power input	380V, 3Ph, 50/60Hz	380V, 3Ph, 50/60Hz	380V, 3Ph, 50/60Hz
Spindle power	9.5Kw ES929	9.5Kw ES929	9.5Kw ES929
Tool chuck	ISO30	ISO30	ISO30
Linear tool magazine	6Pcs or 8Pcs	6Pcs or 8Pcs	6Pcs or 8Pcs
Carousel tool magazine	8Pcs or 12Pcs	8Pcs or 12Pcs	8Pcs or 12Pcs
Inverter	11.0Kw	11.0Kw	11.0Kw
Vacuum pump capacity	140cbm/h	140cbm/h	250cbm/h
Operating system	Siemens	Siemens	Siemens
Machine accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m
Machine structure	Stressless welded steel tubes	Stressless welded steel tubes	Stressless welded steel tubes
Structure X Y	Rack and pinion, linear rails	Rack and pinion, linear rails	Rack and pinion, linear rails
Structure Z	Ball screw and linear rails	Ball screw and linear rails	Ball screw and linear rails
Command code	G Code	G Code	G Code
Software	Type3, Vectric, Aspire	Type3, Vectric, Aspire	Type3, Vectric, Aspire
Interface	Internet or USB	Internet or USB	Internet or USB
Net weight	3500Kgs	4500Kgs	5000Kgs
Floor space (LXDXH)	2500X4200X2200mm	2800X4800X2200mm	3300X4800X2200mm
Shipping dimensions (LXDXH)	2240X5000X2000mm	2240X5600X2140mm	2240X5600X2140mm



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