

# CNC router TR408TK oscillating knife



## Datasheet of TR408TK series

Technical data	TR408TK with oscillating knife	TR510TK with oscillating knife	TR710TK with oscillating knife
Working field	1300X2500X200mm	1500X3000X200mm	2000X3000X200mm
Max consume power	10.5Kw	10.5Kw	10.5Kw
Operating system	TigerTec/Syntec	TigerTec/Syntec	TigerTec/Syntec
Machine structure	Stressless welded steel tubes	Stressless welded steel tubes	Stressless welded steel tubes
Structure X Y Z	Rack pinion and linear rails	Rack pinion and linear rails	Rack pinion and linear rails
Spindle power	3Kw/4.5Kw/6.0Kw/7.0Kw/9.0Kw Italy HSD spindle	3Kw/4.5Kw/6.0Kw/7.0Kw/9.0Kw Italy HSD spindle	3Kw/4.5Kw/6.0Kw/7.0Kw/9.0Kw Italy HSD spindle
Working mode	Stepper driving system/ Servo driving system	Stepper driving system/ Servo driving system	Stepper driving system/ Servo driving system
Inverter	3.7Kw/5.5Kw/7.5Kw/11Kw	3.7Kw/5.5Kw/7.5Kw/11Kw	3.7Kw/5.5Kw/7.5Kw/11Kw
Spindle speed	0-24000rpm	0-24000rpm	0-24000rpm
Command mode	G Code	G Code	G Code
Interface	Internet or USB	Internet or USB	Internet or USB
Machine accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m
Software	Type3, Vectric, Aspie	Type3, Vectric, Aspie	Type3, Vectric, Aspie
Net weight	2700Kgs	3200Kgs	3500Kgs
Floor space (LXDXH)	2200X3600X2200mm	2500x4000x2250mm	2650X4000X2250mm
Shipping dimensions (LXDXH)	2100X4000X1800mm	2250x4600x1900mm	2250X4600X1950mm

Distributed by  
**Signtrade**  
www.signtrade.com

TOLL FREE - 800 SIGNTRADE | DUBAI - U.A.E. TEL : +971 4 2681828 | Fax: +971 4 2694328 | E-mail : info@signtrade.com  
UAE \* KSA \* QATAR \* OMAN \* BAHRAIN \* KUWAIT \* PAKISTAN \* KENYA

# CNC router TR408/TR510/ TR710 Robot



TigerTec TR408 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.

## Datasheet of TR408/TR510/TR710 Robot

Technical data	TR408 Robot	TR510 Robot	TR710 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	11Kw	11Kw	11Kw
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, Aspie	Type3, Vectric, Aspie	Type3, Vectric, Aspie
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

# CNC router TR710 with floating head



The floating head accurately follows the contours of your stock. It automatically compensates for surface irregularities up to 10mm to ensure constant cutting depth. Compressed air provides saw dust evacuation. It's supplied with a teflon contact ring for a soft-touch. An optional chip guide directs dust into the machines' dust collector for a cleaner work environment.

## Datasheet of TR408/TR510/TR710 with floating head

Technical data	TR408 with floating head	TR510 with floating head	TR710 with floating head
Working field	1300X2500X200mm	1500X3000X200mm	2000X3000X200mm
Max consume power	10.5Kw	10.5Kw	10.5Kw
Operating system	TigerTec/Syntec	TigerTec/Syntec	TigerTec/Syntec
Machine structure	Stressless welded steel tubes	Stressless welded steel tubes	Stressless welded steel tubes
Structure X Y Z	Rack pinion and linear rails	Rack pinion and linear rails	Rack pinion and linear rails
Spindle power	3Kw/4.5Kw/6.0Kw/7.0Kw/9.0Kw Italy HSD spindle	3Kw/4.5Kw/6.0Kw/7.0Kw/9.0Kw Italy HSD spindle	3Kw/4.5Kw/6.0Kw/7.0Kw/9.0Kw Italy HSD spindle
Working mode	Stepper driving system/ Servo driving system	Stepper driving system/ Servo driving system	Stepper driving system/ Servo driving system
Inverter	3.7Kw/5.5Kw/7.5Kw/11Kw	3.7Kw/5.5Kw/7.5Kw/11Kw	3.7Kw/5.5Kw/7.5Kw/11Kw
Spindle speed	0-24000rpm	0-24000rpm	0-24000rpm
Command mode	G Code	G Code	G Code
Interface	Internet or USB	Internet or USB	Internet or USB
Machine accuracy	±0.05mm/m	±0.05mm/m	±0.05mm/m
Software	Type3, Vectric, Aspie	Type3, Vectric, Aspie	Type3, Vectric, Aspie
Net weight	2700Kgs	3200Kgs	3500Kgs
Floor space (LXDXH)	2200X3600X2200mm	2500x4000x2250mm	2650X4000X2250mm
Shipping dimensions (LXDXH)	2100X4000X1800mm	2250x4600x1900mm	2250X4600X1950mm

# CNC router TR203-1



TigerTec CNC router TR203-1 is the tabletop model. We use ballscrew and stepper system for 3 axes. It is an excellent choice for small shops. It can work on many applications at a low price. We can offer some options for these models, as: larger power spindle or ATC spindle, servo system, vacuum table, Mach3 controller. You can update it as you need.

CNC routers are also used in advertising industry to cut or engrave the materials: PVC, APL, Acrylic, Brass, Aluminum, Al-Plastic board, even paper can be processed by the machine.

## Datasheet of TR101-1/TR203-1

Technical data	TR101-1	TR203-1
Working field	400X400X150mm	600X900X150mm
Travelling speed	20m/min	20m/min
Spindle speed	0-24000rpm	0-24000rpm
Spindle power	1.5Kw self-coolant spindle, ER16	1.5Kw self-coolant spindle, ER16
Power input	220v, 1ph, 50/60Hz	220v, 1ph, 50/60Hz
Inverter	1.5Kw	1.5Kw
Machine structure	Cast steel, table type	Cast steel, table type
Structure X Y Z	Ball screw and linear rails	Ball screw and linear rails
Working mode	Stepper driving system/Servo driving system	Stepper driving system/Servo driving system
Operating system	NK105 G2 or Mach3	NK105 G2 or Mach3
Command mode	G Code	G Code
Interface	Internet or USB	Internet or USB
Machine accuracy	±0.05mm/m	±0.05mm/m
Software	Type3, Vectric, Aspie	Type3, Vectric, Aspie
Net weight	350kgs	450kgs
Floor space (LXDXH)	1000X1300X1000mm	1200X1500X1050mm
Shipping dimensions (LXDXH)	1250X1450X1200mm	1350X1600X1300mm