



Artisan RT CNC 510



Castaly's Woodworking CNC Machine are perfect for:

- ❖ Three-dimensional wood processing
- ❖ Cupboard doors
- ❖ Wooden doors
- ❖ Window processing
- ❖ Video game cabinets
- ❖ Furniture processing
- ❖ Plastic processing
- ❖ Wood and plastic engraving
- ❖ Door processing



CASTALY INDUSTRIES CORP.

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General Information

FOB L.A, CA. USA	\$72,500.00 USD
Payment Terms	Tooling, rigging, freight & sales taxes are not included
Warranty	50% deposit, 50% balance before ship
Delivery time	One year
General specs	To confirm with sales
	1. Machine Gantry X Axis square rails Parallel vertical accuracy 0.001" (0.03mm)
	2. Y Axis square rails Parallel vertical accuracy 0.001" (0.03mm)
	3. Z Axis ball screw Parallel vertical accuracy 0.001" (0.03mm)
	4. Machine Re-position accuracy 0.001" (0.02mm)
	5. Machine working accuracy 0.004" (0.10mm)
	6. Grating ruler travel accuracy 0.002" (0.05mm)

Features

- ❖ Syntec CNC controller is setup to accept standard G-code programming formats along with on board conversational applications.
- ❖ Optional CAD/CAM system can create and edit part programs then send to machine for easy cutting. DXF files can be imported, modified and edited from here to create a G-code.
- ❖ Horizontal and vertical spindle for top and side stock processing
- ❖ Machine designed ready for 3-D cutting usage and superior performance.
- ❖ Moving gantry construction for space saving.
- ❖ The rigid steel frame construction has been stress relieved prior to finish machining to provide repeat-ability and accuracy.
- ❖ Automatic frequency brake for the spindle allows rapid deceleration resulting in faster tool changes.
- ❖ Linear guides and sliding blocks are prismatic pre-loaded with recirculation bearings to ensure maximum rapid traverse and precision.
- ❖ The X & Y axis are equipped with a precision rack & pinion driving system. The Z axis utilizes a ball screw assembly complete with the pre-loaded and ground screw for long life and optimum accuracy.

Technical data

1-	Control system	Syntec FC 60-WA
2-	Vertical Spindle	9.0kW (12.8 Hp) air cooled spindle ISO 30, ER32
3-	Horizontal Spindle	3.5kW (4.7 Hp) double milling head
4-	Bed frame	Heavy duty steel welding
5-	Table	Vacuum table with 4 SCHMALZ German vacuum pods
6-	Driving system	Yaskawa driver and servo-motor 850W
7-	Y axis driving system	Helical rack & pinion
8-	X & Z axis driving system	TBI ballscrew (Taiwan)
9-	Axis square rail	CSK linear square rail (Taiwan)
10-	ATC	Rotary 12 tools ISO30, ER32
11-	Inverter	3.7kW + 11kW
12-	Electric parts	Schneider (France)
13-	Limit switch	Omron (Japan)
14-	Electrical wiring	Siemens (Germany)
15-	Control Switch	Moeller (Germany)
16-	Lubrication	automatic control with aluminum oil pipe
17-	Machine working size	51" (X) x 99" (Y) x 12" (Z)
18-	Machine Size (L x W x H)	90" (X) x 134" (Y) x 101" (Z)
19-	Max Travel speed	1950 IPM
20-	Max working speed	790 IPM
21-	Machine Power	3phase, 220V, 62A
22-	Machine net Weight	6400 lbs
23-	Tool length device	Manual
24-	Vacuum pump	Option with German pods
25-	CAD/CAM software	Option

Feel Free to contact us if you have any technical question or OEM/ODM project, we have solutions for all your needs!



LOBO
WOODWORKING MACHINERY

Castaly



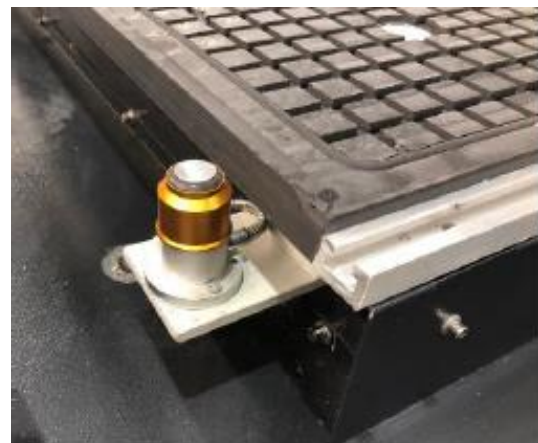
Horizontal & vertical spindles



Syntec 6MB control



12 tools rotary ATC



Tool length measuring system



Pod vacuum table



Retracted pods



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