



## **CASTALY INDUSTRIES CORP.**

14632 NELSON AVE CITY OF INDUSTRY, CA 91746  
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**M-408 4' x 8' CNC ROUTER \$35,900.00**

**M-510 5' x 10' CNC ROUTER \$39,900.00**

(Training and installation, tooling & rigging are optional.)

(Customer is responsible for local regulations and connecting utilities)

### Features:

- Automatic **8 linear station auto tool changer** for increased productivity.
- All “**SERVO MOTOR**” driving system: All axis are driven by brush-less type high torque AC servo motors
- PC base IC CNC controller is set up to accept standard G code programming formats along with on board conversational applications.
- User friendly IC powerful closed positioning loop software with Ethernet interface for data transfer from PC.
- Optional CAD/CAM system can create and edit part programs then send to machine for cutting easily. DXF files can be imported, modified and edited from here to create a G code.
- DNC is no longer required as the PC directly stores all part programs in a text editable file.
- 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 repeatability and accuracy.
- The HSD spindle uses CP4 DB bearings with a dust free design. The Heavy-duty fan cooling system forces air through the spindle to assist in trouble free operation.
- 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.
- Special design 6 zone vacuum table surface for powerful hold down
- Pneumatic slide dust hood and central lubrication to extend the life of the linear guide ways and highest accuracy.

MODEL NO.	P-408	M-408	M-510	I-408	I-510
TABLE SIZE	49" X 97"	49" X 98"	61" X 121"	49" X 98"	61" X 122"
MAX. WORKING SIZE					
X AXIS	48"	49"	61"	50"	62"
Y AXIS	97"	97"	121"	98"	122"
Z AXIS	4"	6"	6"	8-1/2"	8-1/2"
RAPID SPEED					
X AXIS	1200 IPM	1400 IPM		2000 IPM	
Y AXIS	1200 IPM	1400 IPM		2000 IPM	
Z AXIS	800 IPM	1000 IPM		1400 IPM	
SPINDLE (AIR COOLING)	ER-32 Collet	Quick Release		Quick Release	
SPINDLE POWER	5.5 KW	8.8 KW		8.8 KW	
SPINDLE (RPM)	MAX 18,000	MAX 24,000		MAX 24,000	
TOOL HOLDER	NA	ISO 30		ISO 30	
TOOL COLLET	ER-32	ER-32		ER-32	
TOOL CHANGE (ATC)	NA	8 Tools Linear		8 Tools Linear	
AXIS DRIVING MOTOR	AC SERVO	AC SERVO		AC SERVO	
PC CONTROLLER	IC	IC		IC	
VACUUM ZONE	4	4   6		6   6	
AUTO TOOL LENGTH	NA	OPT		YES	
POWER (NO PUMP) 3PH	220V 30 AMP	220V 30 AMP		220V 45 AMP	
AIR CONSUMPTION 90PSI	15 CFM	15 CFM		15 CFM	
DUST PORT	5" X 1	5" X 1		5" X 1	
MPG HAND WHEEL	OPTIONAL	OPTIONAL		OPTIONAL	
PNEUMATIC STOP	OPTIONAL	OPTIONAL		OPTIONAL	
VACUUM PUMP / BLOWER	OPTIONAL	OPTIONAL		OPTIONAL	
NESTING SOFTWARE	YES	YES		YES	
CAD/CAM SOFTWARE	OPTIONAL	OPTIONAL		OPTIONAL	

The price is F.O.B. Los Angeles Ca. USA. Tooling, rigging, freight & sales taxes are not include.  
If there are any questions please feel free to call us at 1-(626) 968-6330 or e-mail to us at [info@woodequipmentsupply.com](mailto:info@woodequipmentsupply.com)  
**(Price may vary, please check our website at [www.woodequipmentsupply.com](http://www.woodequipmentsupply.com) to see the current price list)**



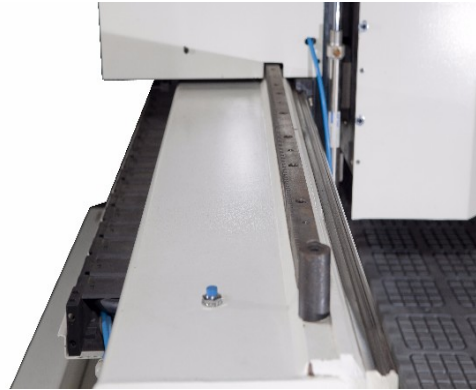
Rigid Metal Structure



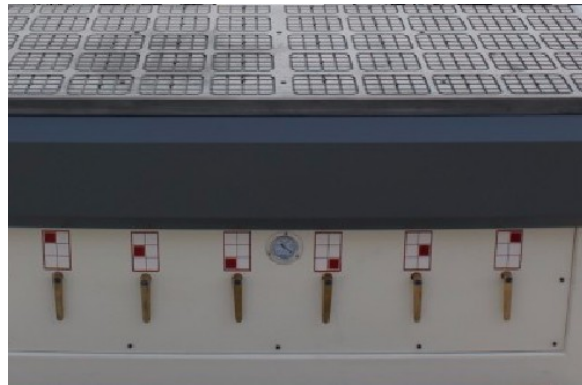
8.8 KW Quick Change Air Cooling Spindle



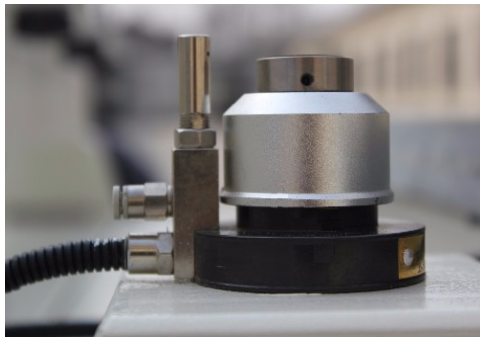
Z Axis 20 mm Bolt Screw, 20 mm Linear Rail, AC Servo Motor



X 25 mm Y Axis 25 mm Linear Rail, Rack-Pinion



Phenolic Table Top, Six Vacuum Zone



Auto Tool Length Calibration Device



(8 Tools) Auto Tool Change Rack