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## **CM-A19-CNC CNC Dovetail Machine (1 Model)**

## **CM-A19-CNC-5 CNC Dovetail Machine (5 Model)**

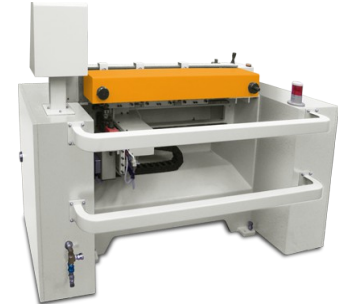
### **Features:**

- PC Control, high-tech automatic dovetail machine, mass production for various tenon sizes, shape and lengths.
- Heavy steel frame and cast iron table for long life of usage.
- Four large air clamps for making two sets of male and female dovetail at the same time.
- Auto program movements for complete cutting cycle.
- Servo router head travels at precision linear bearing providing smoothness and accuracy.
- Male and female dovetail is produced at the same time for maximum match.
- Variable cutting speeds for best finish of different materials.
- Easy operation and maintenance.
- CNC Dovetail Machine is designed into five models. Operators can choose or increase models according to demands. Four models are adjustable, able to change or design wood materials variously. Able to set the working speed, sizes of tenons & mortises, intervals by simple humanity operation interface. The files can be saved for repeated use.
- Nonstop Working Design: After operators input programs, T5 will separate the working tables into left & right areas. When one area is working, operators can change materials at the other area. In this motion T5 doesn't need to stop & increases work efficiency.
- Main Motor: Good-performance motor imported from Italy. Durable & stable. The rotation speed is up to 24000RPM.
- Processor: Quality PLC made by Japan Mitsubishi. All electric equipment conforms to CE standard.

- **Debug System:** The computer stops automatically under perfect protection upon wrong operation or setting for fear of over stroke. Detailed error messages will be shown for operators to understand & debug.
- **Circuit Design:** The machine stops automatically under power failure or insufficient air pressure for fear of danger led by clamping cylinder.



SPECIFICATIONS	CM-A19-CNC
Working Width	1" ~ 23.6"
Working Thickness	3/8" ~ 1"
Main Spindle Motor	3 HP
Max. Spindle Cutting Speed	18000 RPM
X, Y Axis Servo Motor	1000 kw x 2
CNC Controller	PC Base
Machine Size (L x W x H)	43" x 68" x 61"
Net Weight	1450 LBS



(Training and installation, tooling & rigging are optional)  
 (Customer is responsible for local regulations and connecting utilities)



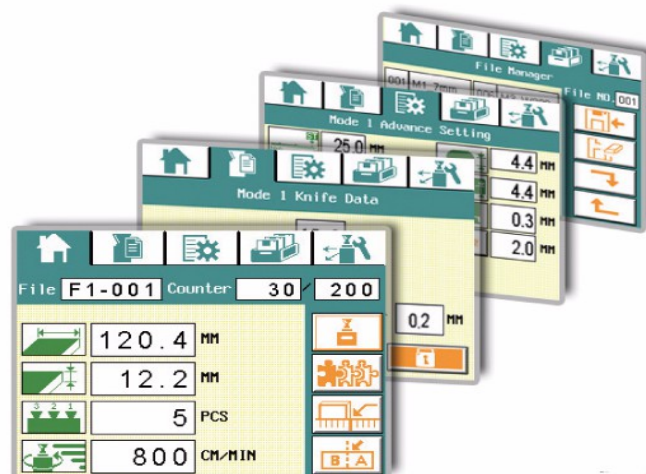
#### Ball Screw & Linear Guideway

Driven by a high speed servo motor in combination with the use of ball screw and linear guideway.



#### High Frequency Spindle Motor

The spindle is driven by a high-frequency motor with high speed up to 20,000 rpm. Spindle speed is adjustable to suit various wood conditions.



# CM-A19-CNC-5 CNC Dovetail 5 Cutting Model

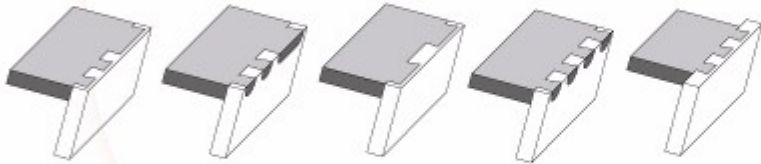
## MODEL 1

Dovetail joints on drawer with variable pitch.



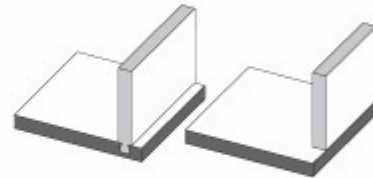
## MODEL 2

Alter dovetail joints on drawers.



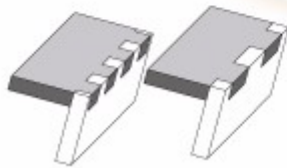
## MODEL 3

One side blind French dovetails.



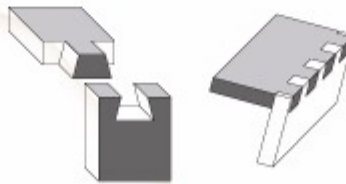
## MODEL 4

Parallel indents on drawers.



## MODEL 5

Threading dovetail joint on drawers with rectangular male indent.



# CM-A19-CNC CNC Dovetail Only 1 Cutting Model

**Only 25 mm Pitch or Jump Dovetail**

