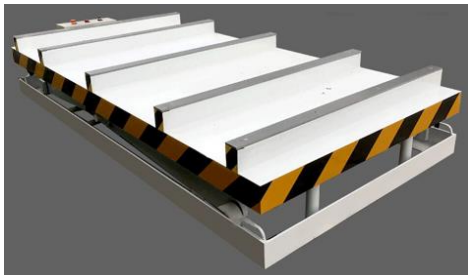




ARES CNC Door Processing Machine Center

\$79,990.00

Optional



Outfeed Off Load Conveyor \$5,990.00

Infeed Loading Scissor Lift Station \$8,990.00



Distinctive design for Door Processing

- All the 5-side Project Processing
- Automatic Feed Through (Options with Auto Loading and Out-Feeding)
- Hinge Face Milling, Screw Hole Drilling
- Lock Bore Drilling
- Latch Face Milling, Latch Bore Drilling

General Spec

1. Machine Gantry X Axis square rails Parallel vertical accuracy 0.001" (0.02mm)
2. Y Axis square rails Parallel vertical accuracy 0.001" (0.02mm)
3. Z Axis ball screw Parallel vertical accuracy 0.001" (0.02m)
4. Machine Re-position accuracy 0.001" (0.02mm)
5. Machine working accuracy 0.002" (0.5mm)
6. Grating ruler travel accuracy 0.002" (0.05mm)

Castaly's Woodworking CNC Machine are perfect for:

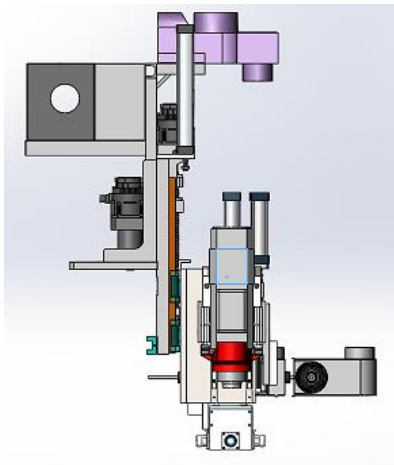
- ❖ Three-dimensional wood processing
- ❖ Cupboard doors
- ❖ Wooden doors
- ❖ Window processing
- ❖ Video game cabinets
- ❖ Door Lite Cutting
- ❖ Steel Door processing

Features

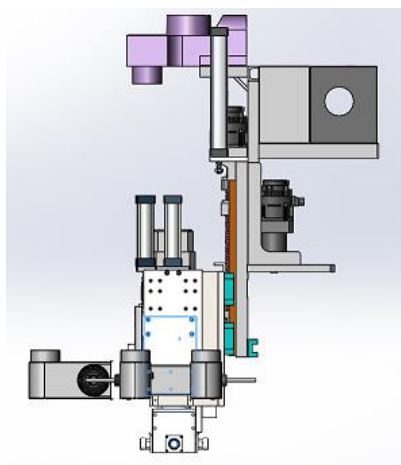
- ❖ DSP CNC controller is setup to accept standard G-code programming formats along with on board conversational applications.
- ❖ Optional CAD/CAM system can create and edit part programs then send to machine for easy cutting. DXF files can imported, modified, and edited from here to create a G-code.
- ❖ 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 stressed relieved prior to finish machining to provide repeatability 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 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.

Specification

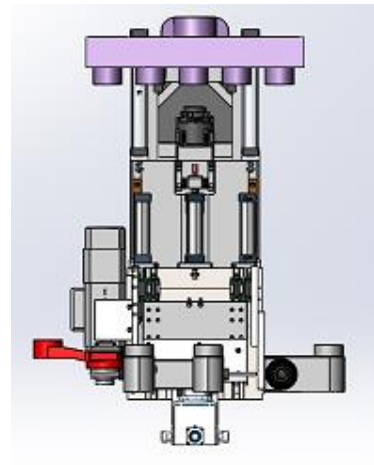
- ※ Working size 51" Width x 98" Length x 7-7/8" Height (**Door Lock Maximum Depth 4-3/4"**)
- ※ Custom made door vacuum table (**Optional Vacuum Pump**)
- ※ Syntec 60WA control with **All in one PC Controller**
- ※ 9.0kw air cooling Spindle with 4 pcs ISO30 tools linear ATC for Top Side Milling, Drilling, Lock Bore.. Processing
- ※ 6.0kw double Side milling Spindle at X direction for X Axis Two Side, Milling, Drilling, Ball Catch, Split Line. Processing
- ※ 6.0kw double milling spindle at Y direction, Two Side, Milling, Drilling, Hinge, Latch Hole, Face, Dead Ball, Processing
- ※ 2.2kw 4 Side Milling Spindle for All the 4 Side, Small Holes, or Screw Hole Drilling process
- ※ 1500w servo
- ※ Max travel speed 200 fpm (60m/min), Max working speed 50 fpm (15m/min) (According different processing material)
- ※ Professional PTP table with German SCHMALZ Vacuum pads 6pcs
- ※ 2M helical rack, 30 square rails & Ball screw
- ※ Automatic control with Aluminum oil pipe Oil lubrication



9 kw Main spindle

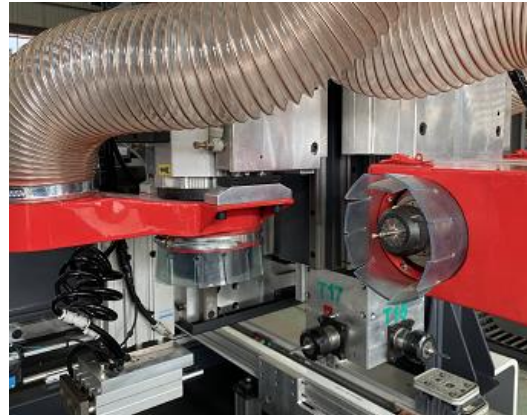
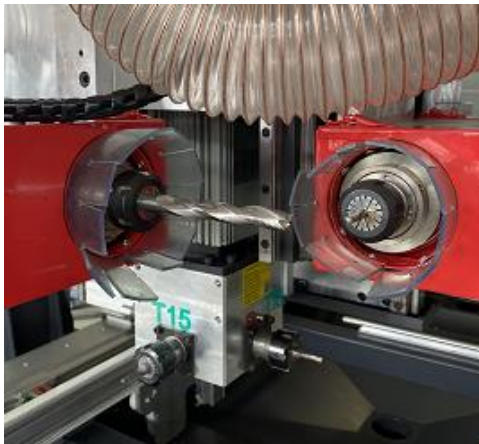
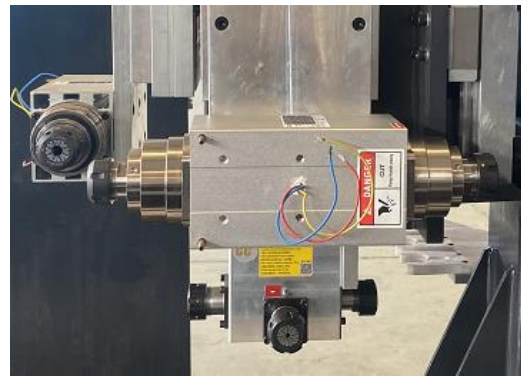
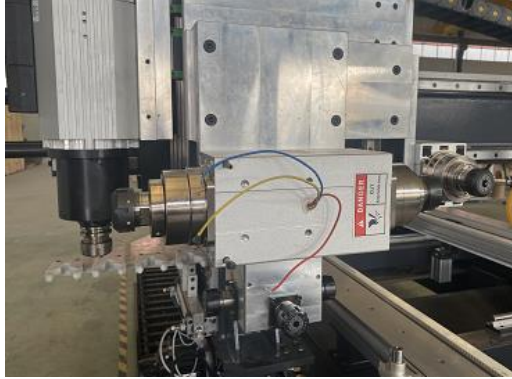


6 kw Two Side Spindle

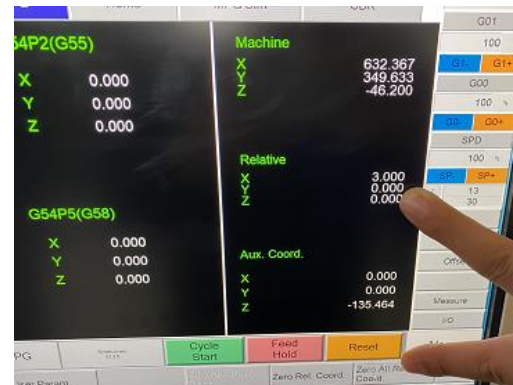
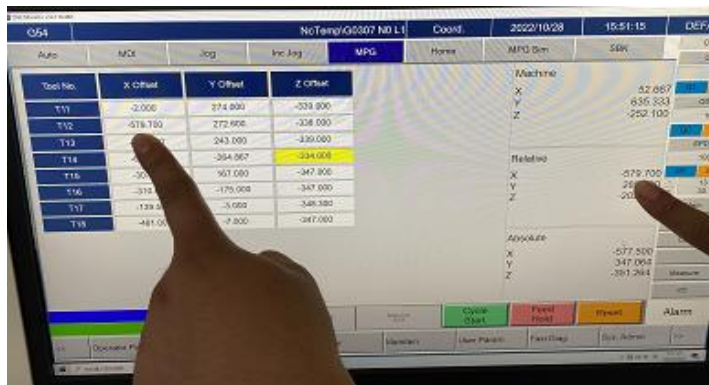


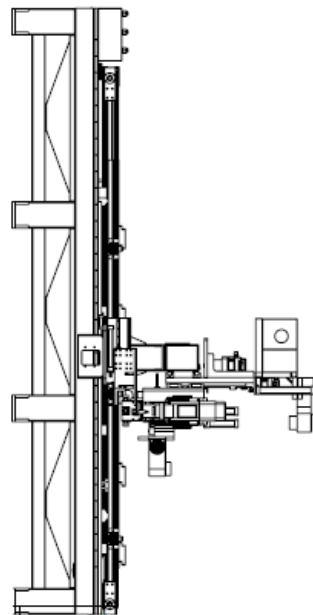
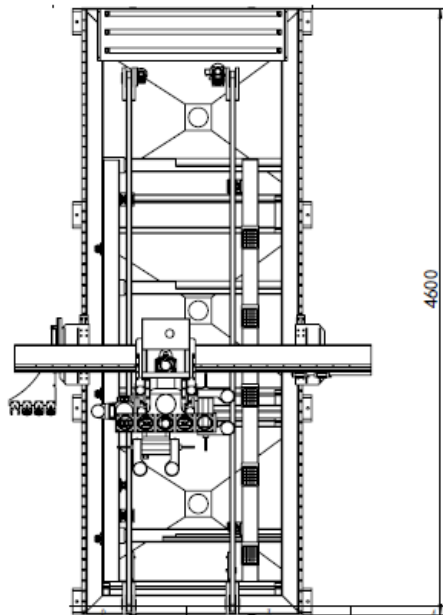
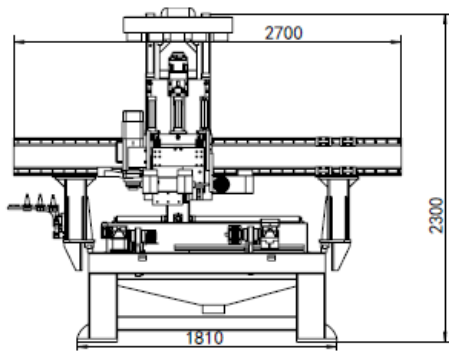
2.2 kw 4 Side Spindle











Optional Loading Unloading System

