
MONOGRAM

MHV

HOME

VIETNAM INC.



About Monogram Home

- Factory site located in Binh Duong Province Vietnam
- The total area is 100,000 m²
- + 60 000 m² : American style- frame cabinets factory.
- + 40 000 m² : European style- frameless cabinets factory.
- Staffing is approximately 1300 people.
- Estimated output value is 150 million dollars/ year



PLYWOOD & FRAMELESS CABINET FACTORY

Our Machinery

DRY KILN



We are one of the few manufacturers in Vietnam to have our own drying kilns. Our four automated kilns have a capacity of 80 cubic meters each, ensuring a regulated moisture content.

TIMBER PROCESSING



We are currently the only manufacturer in Southeast Asia that processes our own timber. Using German WEINIG equipment we can process a variety of materials including oak, hickory, black walnut, birch and havea. This stabilizes our supply channel.

FOUR-SIDE MOULDER MACHINE



We utilize WEINIG's equipment to process the door and frame panels, ensuring that the finished product accurately meets the customer's requirements.

DOUBLE END DRILLING MACHINE



The double-end drilling machine from the Italian company, FRIULMAC processes door and frame parts, ensuring accuracy. FRIULMAC is internationally known as the technological leader in the woodworking sector.

PRODUCTS MADE BY DOUBLE END DRILLING MACHINE:



Our Machinery

DOUBLE SANDING MILLING MACHINE



Our Double Sanding Milling Machine comes from the Taiwanese company HPOINT, and allows us to produce door panel parts within a tolerance of 0.1 mm.

FLAT PAINTING MACHINE



Our 4 Flat Painting Machines come from the Italian company CEFLA. These oscillating spray machines provide the highest quality finishes. They provide for complex applications to meet high-volume production needs.

CNC MACHINE



Our KIKUDA CNC Machine cuts wood into the required sizes and maintains the required standard.

ASSEMBLY MACHINE



We utilize CNHF assembly machines to assemble doors and front frames. This machine dries the glue quickly, ensuring a strong and stable base structure.

Our Machinery

SANDING MACHINE



Our Taiwanese CHIA LUNG Sanding Machines feature the most modern and advanced technology.

BASE & TOP PAINTING LINES



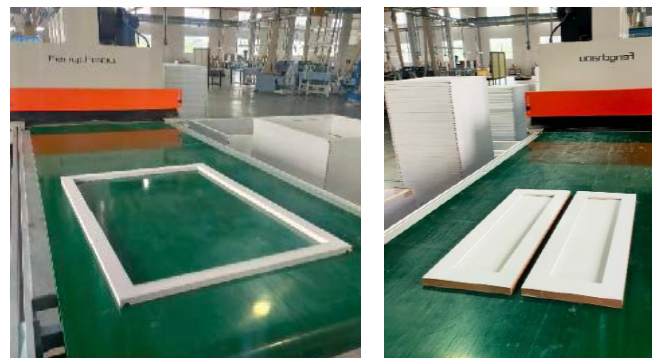
Our state of the art base and top painting lines utilize the most advanced production processes.

CABINET BOX PROCESSING MACHINE



Our Cabinet Box Processing machine is from the Italian company, SCM.

UV ROLLER COATING LINE

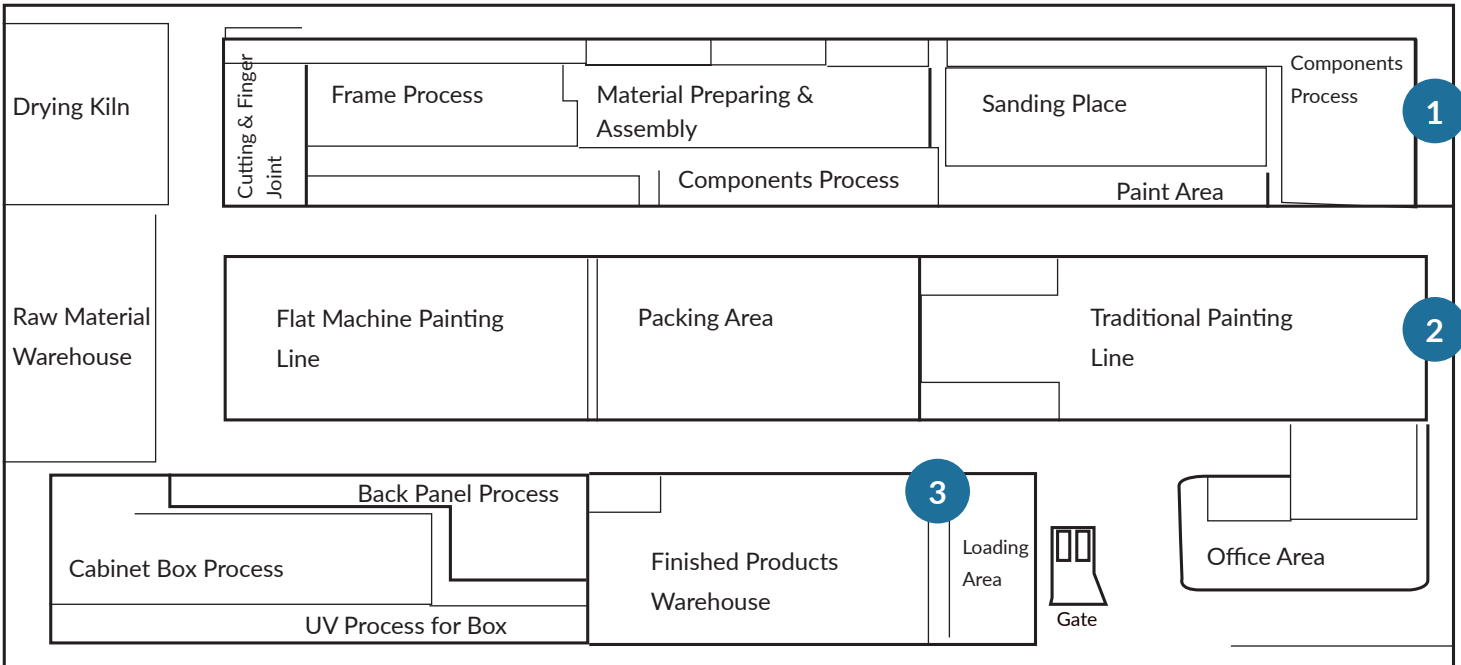


We also utilize UV roller coating lines from the Taiwanese company Feng Chaou. We currently have 6 machines on-line and will continue to expand as production demands.

Technological Process



FACTORY DIAGRAM: 3 WORKSHOPS



Introduction of Raw Materials

SOLID WOOD



- Solid woods include: Oak, Hickory, Black Walnut, Birch and Havea.
- Materials are purchased from the US, Europe and other countries including Lithuania and Latvia.
- Raw materials are brought to the dry kiln for approximately 4-5 days.

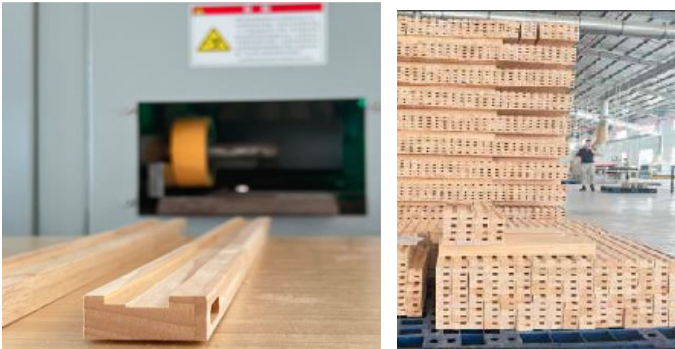
PLYWOOD



- Plywood has several surface effects. The main raw materials include: birch veneer, roller paper and UV roller voating.

Door Frame Processing

FOUR-SIDE MOULDER PROCESSING



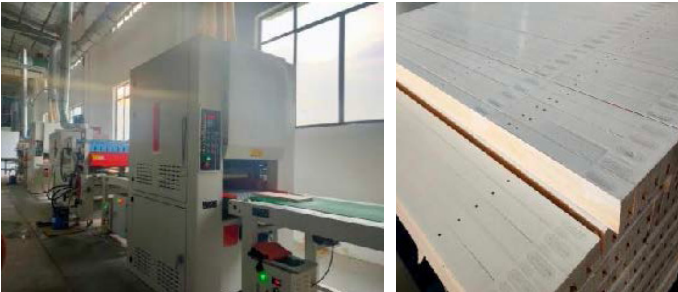
The raw material needs to be processed by a four-sided moulder machine to complete the frame parts as shown.

FINISH MACHINE PROCESSING



The final processing stages include milling, drilling, and tenoning.

UV COMPONENT ROLLER UV



Parts are UV roller coated on both sides and then assembled.

DOOR FRAME ASSEMBLING



Door frame gluing process.

Door Frame Processing

CONSTANT TEMPERATURE & HUMIDITY ROOM



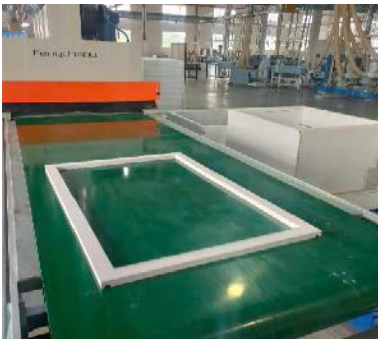
We let the frames dry for up to 48 hours. Frames are then sanded, drilled, and further prepped for assembly.

SANDING PROCESSING



The final sanding process ensures that each dimension accurately meets our standard. And finally, the precise sanding of all 4 sides.

UV ROLLER COATING LINE



White UV-primer is applied by rollers, with automated color concentration. The white UV primer cures into a film.

BASE & TOP COATING LINE



Paint coating line includes the primer and topcoat hanging line. After the paint is applied, the frames are sent to packaging.

Door Panel Processing

PAINT FOR BASE COATING



We apply a base coat of paint before the components go through the molder/shaper.

DOOR PANEL ASSEMBLING PROCESSING



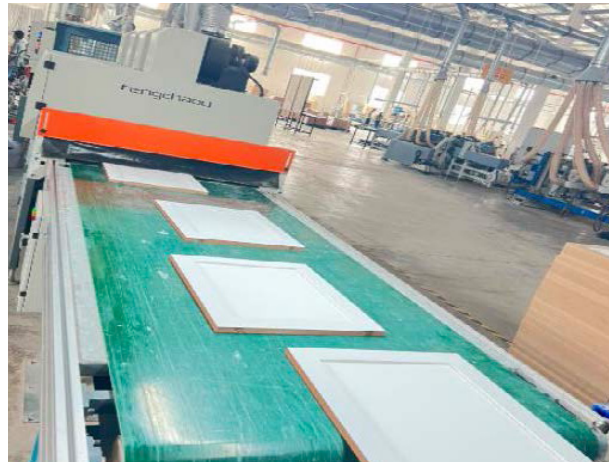
Drying time is approximately 24- 48 hours.

Door Panel Processing

DOOR PANEL SANDING



UV ROLLER BASE COATING LINE



BASE COATING & FLAT COATING



This is the final finishing stage. After the top and base coat is applied, our product is sent for packaging.

Door Core Panel Processing

DOOR PANEL UV PROCESSING



The panel is automatically roller coated. The white UV primer is perfected through automated color concentration.

CABINET CUTTING PROCESSING



After UV processing, the cabinet will go through cutting process with each piece cut according to specification.

MOULDING FOR RAISED PANEL



Production of Cabinet Box

CABINET BOX PROCESSING



The cabinet boxes are cut according to the specification.

EDGE BANDING



Edge banding includes 2 types: PVC edge banding & veneer

GROOVING PROCESS



Grooving includes 2 types: flat tenon and dovetail tenon grooving.

DRILLING HOLES



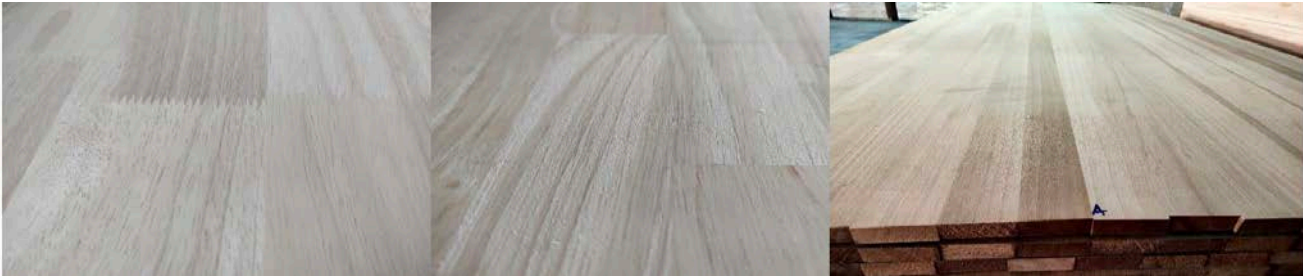
BACK PANEL PROCESSING



This stage includes cutting, gluing, cold pressing, edge banding, and drilling.

Drawer Box Processing

INTRO OF JOINTED BOARDS



SOLID WOOD PANEL

Spliced construction is divided into 3 types:
Finger Joint (1), Butt Joint (2), Flush Joint (3).

Cut according to design size.

DRAWER BOX MACHINE



DRAWER BOX OF FOUR-SIDE MOULDER



DRAWER BOX GROOVING AND DOVETAIL JOINT PROCESSING



DRAWER BOX UV ROLLER COATING LINE



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Product Packaging

PACKAGING PROCESS

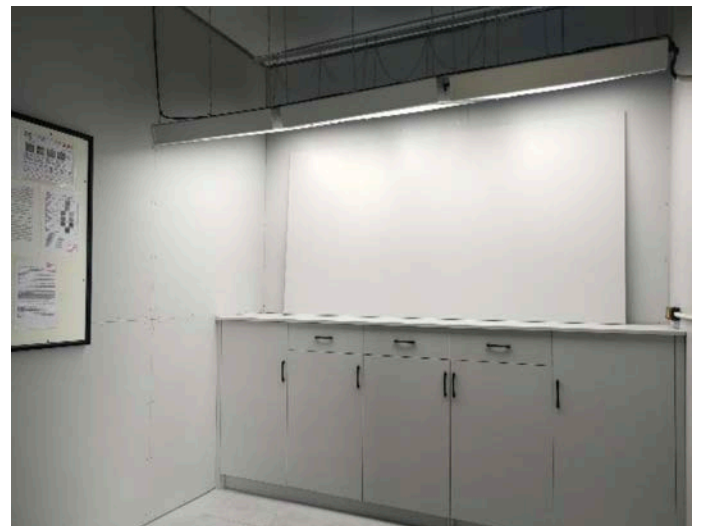


Inspection Room

PAINT SUPPLIER: SHERWIN-WILLIAMS



COLOR COMPARISON ROOM



Testing Center

TESTING EQUIPMENT



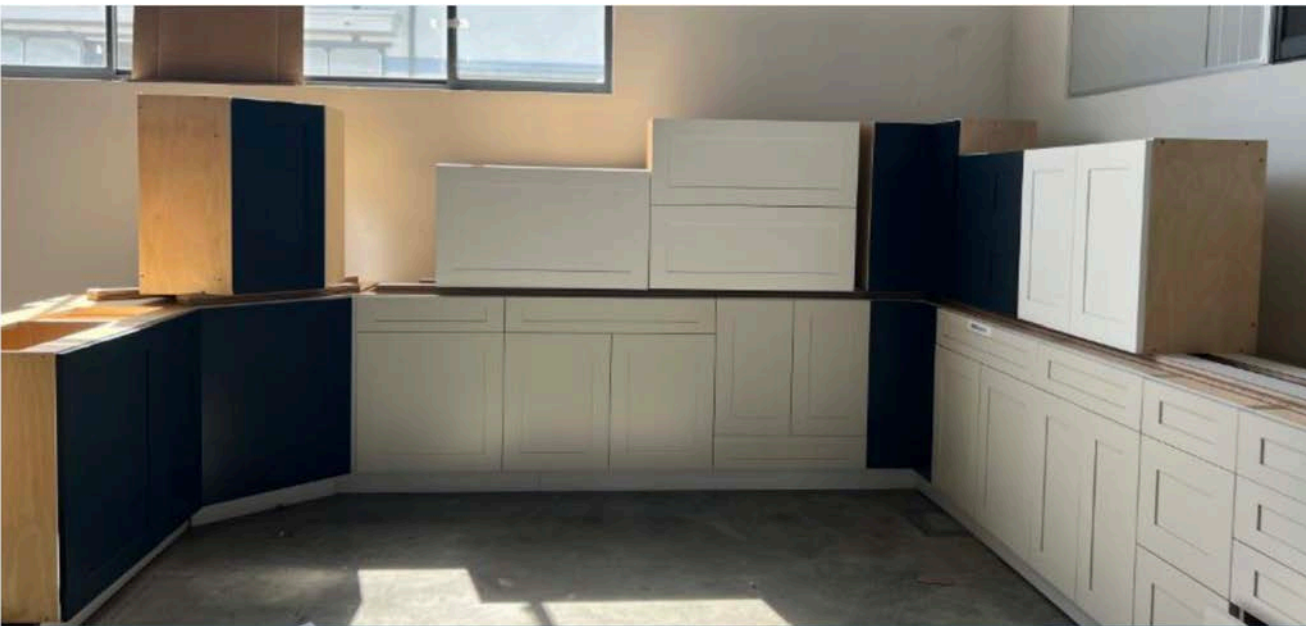
Assembled Products

CABINERY ASSEMBLY



Assembled Products

FRAMELESS ASSEMBLY



FRAMELESS



HALLMARK HARDWOODS®

HOUSTON, TX, USA



The company's goal to improve domestic logistics led to the development of a 170,000 sq.ft. manufacturing warehouse and service facility near the Port of Houston; strategically located to better serve its customers east of the Rockies. An additional 65,000 sq.ft. facility is currently under development on an adjacent parcel. West Coast customers are served by our Ontario, CA location.