

We not only Sell Machines We Provide Solutions For Your Products

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HIGH FREQUENCY WOOD LAMINATING MACHINE - FRAME ASSEMBLY MACHINE

YOUR SOLUTION
MADE IN VIETNAM

SEMAG
Experts In High-Frequency Technology





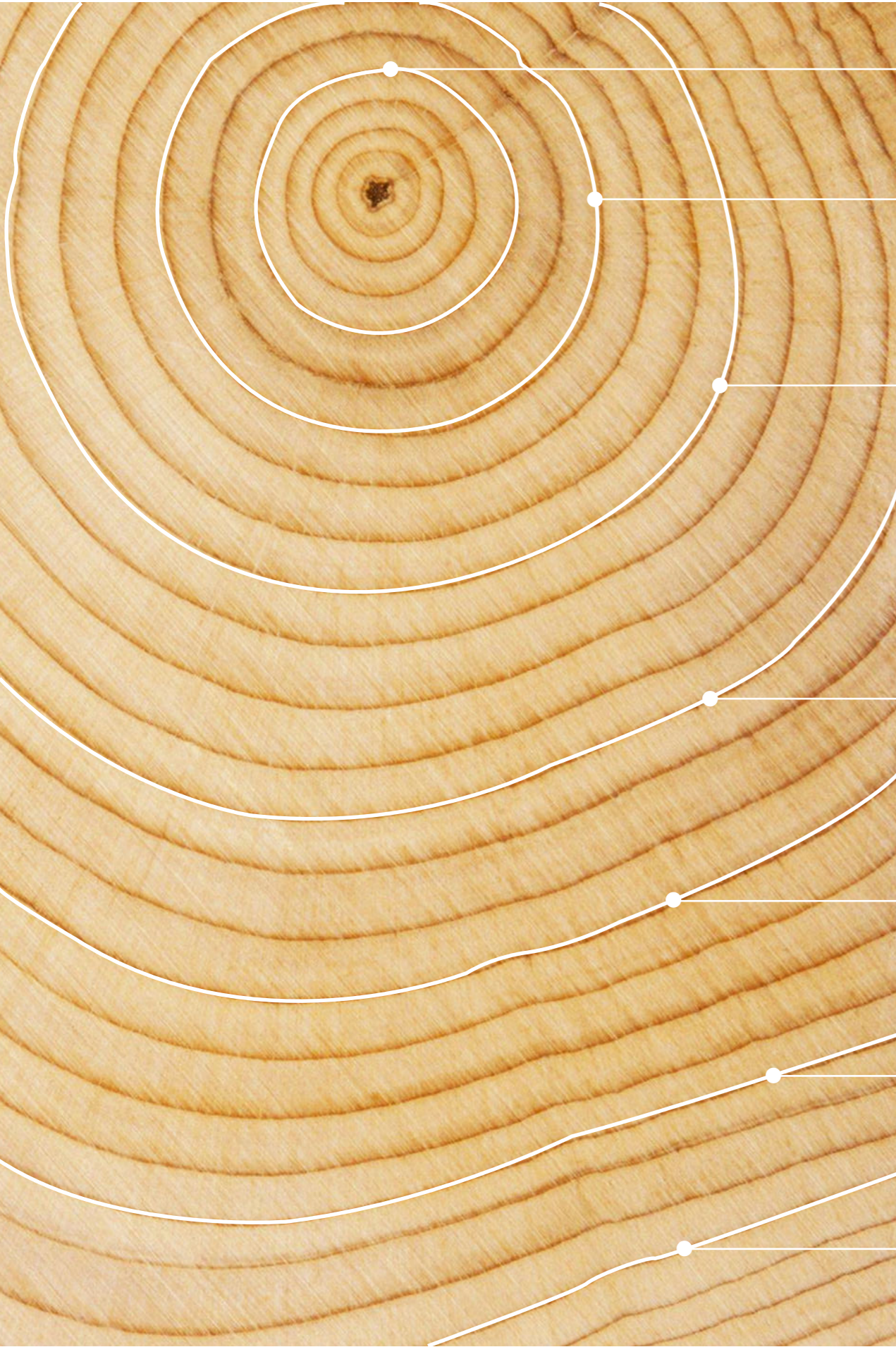
At SEMAC, we not only sell machines; we create solutions that transform the mindset of global woodworking production. Originating from the name Senior Machine, our brand is positioned as a premium industrial line—a perfect fusion of Experience, Technology, Intelligence, and Performance.

With over 20 years of dedication to manufacturing, SEMAC has carved its own path by mastering the most challenging field: High Frequency (HF) Technology. The lightning bolt in our logo is more than just an identity; it is our commitment to the speed, capacity, and absolute precision that we practice in every high-frequency press and frame assembly machine.

Every SEMAC design is born from a profound understanding of wood characteristics and the practical needs of factories across Southeast Asia and Europe. We take pride in being a Vietnamese brand that stands confidently alongside international competitors, delivering superior efficiency, energy savings, and durability that lasts for decades.

SEMAG - SINCE 2003





2003

Establishment of the SEMAC brand

2008

Researching the application of high frequency technology. Manufacturing high frequency wood laminating machine, frame assembly machines, and more.

2010

Building a professional working environment and R&D team for product innovation. Commencing machinery exports to international markets such as Thailand, Cambodia, Malaysia, Panama, India,...

SEMAC, 23 YEAR OF PROVIDING SOLUTIONS FOR YOUR PRODUCTS

2015

Positioning SEMAC as a reliable manufacturing solution supplier while expanding our brand in both domestic and international markets. Participating in many domestic exhibitions

2024

Participating in international trade fairs in Malaysia, the Philippines, Germany,...

2026

Leading the global market with high-tech and sustainable woodworking solutions.

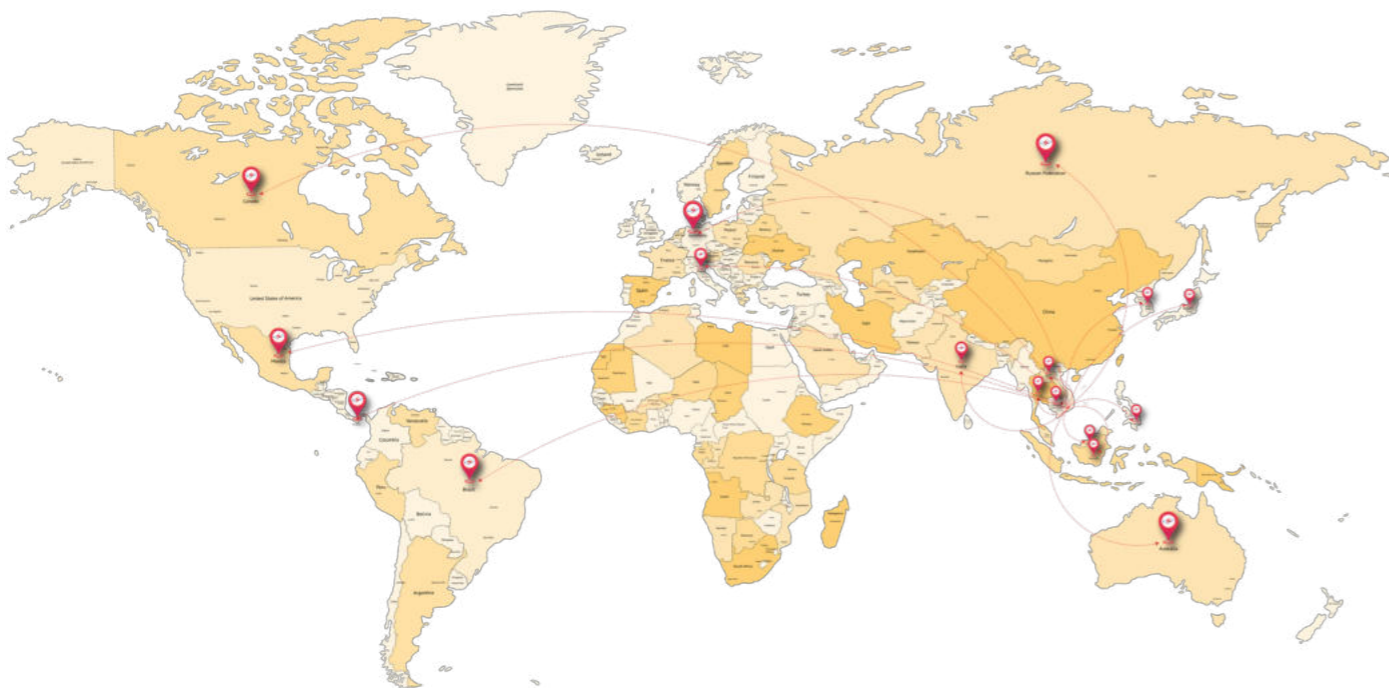
Beyond Innovation

FACILITY

A professional working environment and R&D team for product innovation.



1000+
DOMESTIC & INTERNATIONAL PROJECTS



Marketing Department



Sales Department



Worldwide Trade Department



Technical Department

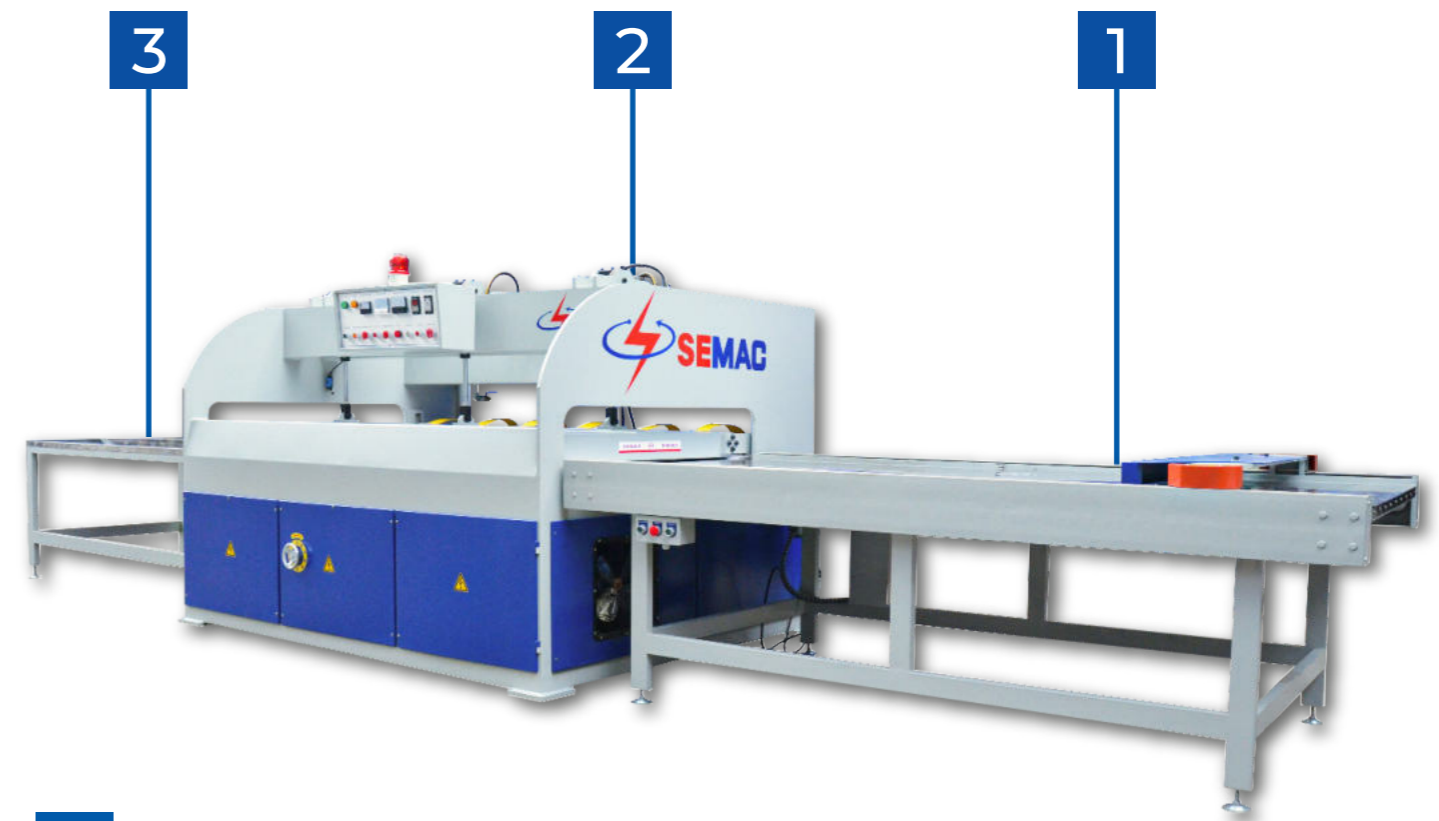




HIGH FREQUENCY WOOD LAMINATING MACHINE

We specialize in researching, manufacturing, and supplying high frequency wood laminating machine. By applying high frequency (HF) heating technology, our machines provide rapid and uniform heating, ensuring exceptionally strong and durable joints. In addition, the use of HF waves helps eliminate potential harmful factors such as termites, moisture, and mold.

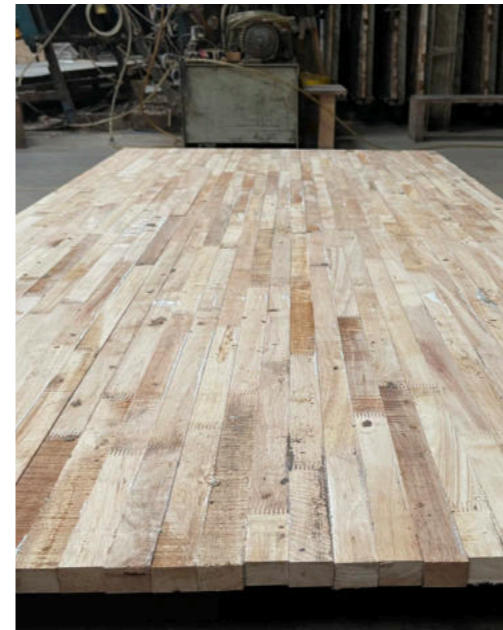
High frequency wood laminating machine



- 1** Automatic feeding table
- 2** High frequency wood laminating machine
- 3** Outfeed table



STANDARD HIGH FREQUENCY WOOD LAMINATING MACHINE



SM 44H25

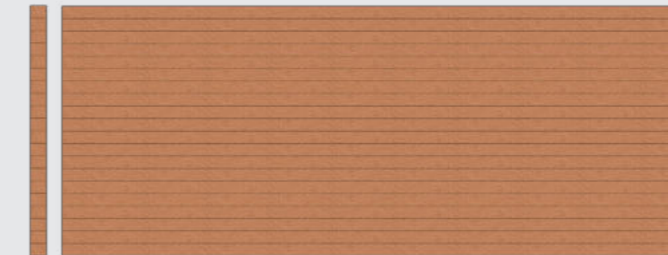
Working Size	1220 × 1220 × 80 mm
Output Power	30 kVA
Hydraulic Motor	3 HP
Number of cylinders	Horizontal 6 pcs, Vertical 2 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	6450 × 2180 × 2150 mm
Gross Weight	2000 kg



1220 × 1220 × 80 mm

SM 104H35

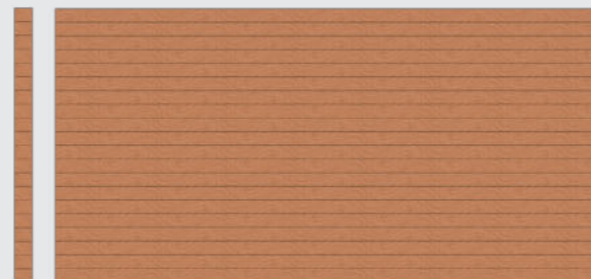
Working Size	3000 × 1200 × 80 mm
Output Power	50 kVA
Hydraulic Motor	7.5 HP
Number of cylinders	Horizontal 14 pcs, Vertical 4 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	10100 × 2180 × 2150 mm
Gross Weight	5100 kg



3000 × 1200 × 80 mm

SM 84H35

Working Size	2440 × 1220 × 80 mm
Output Power	50 kVA
Hydraulic Motor	5 HP
Number of cylinders	Horizontal 12 pcs, Vertical 3 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	7650 × 2180 × 2150 mm
Gross Weight	5000 kg



2440 × 1220 × 80 mm

SM 124H35

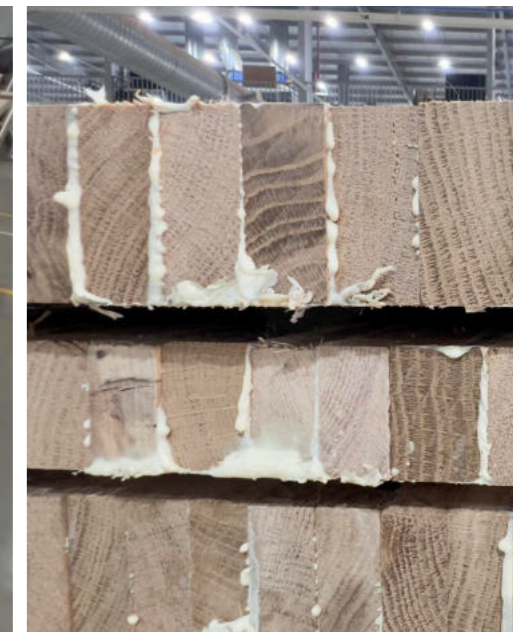
Working Size	3660 × 1220 × 80 mm
Output Power	50 kVA
Hydraulic Motor	7.5 HP
Number of cylinders	Horizontal 16 pcs, Vertical 5 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	12200 × 2180 × 2150 mm
Gross Weight	7000 kg



3660 × 1220 × 80 mm



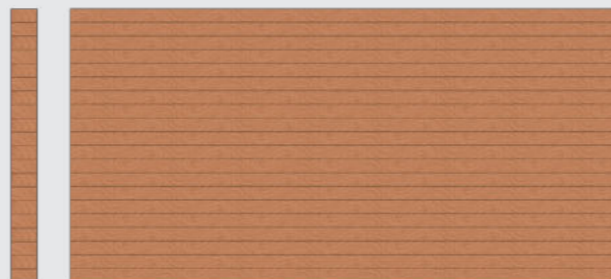
HEAVY DUTY HIGH FREQUENCY WOOD LAMINATING MACHINE



SM 84H35G



Working Size	2440 × 1220 × 120 mm
Output Power	50 kVA
Hydraulic Motor	7.5 HP
Number of cylinders	Horizontal 12 pcs, Vertical 5 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	8320 × 2180 × 2150 mm
Gross Weight	6500 kg

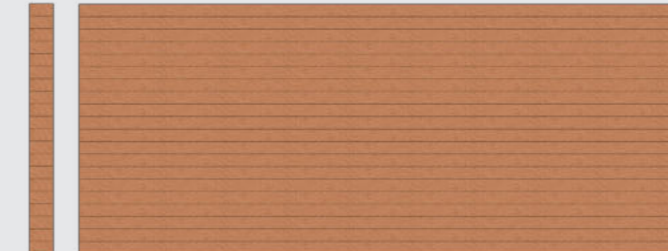


2440 × 1220 × 120 mm

SM 185H60G



Working Size	5000 × 1550 × 120 mm
Output Power	75 kVA
Hydraulic Motor	15 HP
Number of cylinders	Horizontal 23 pcs, Vertical 8 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	16100 × 2450 × 2150 mm
Gross Weight	7500 kg



5000 × 1550 × 120 mm

SM 134H60G



Working Size	4000 × 1200 × 100 mm
Output Power	60 kVA
Hydraulic Motor	10 HP
Number of cylinders	Horizontal 18 pcs, Vertical 6 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	13100 × 2180 × 2150 mm
Gross Weight	7000 kg



4000 × 1200 × 100 mm

SM 204H60G



Working Size	6200 × 1250 × 150 mm
Output Power	75 kVA
Hydraulic Motor	15 HP
Number of cylinders	Horizontal 27 pcs, Vertical 8 pcs
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	19000 × 2180 × 2150 mm
Gross Weight	11000 kg



6200 × 1250 × 150 mm



SOLUTIONS FOR FRAME ASSEMBLY

We specialize in researching, manufacturing, and supplying frame assembly machines and high-frequency frame joining machines, providing solutions that enhance productivity and quality in the assembly stage of woodworking factories. With fast and precise pressing capability, our machines accelerate the assembly process, reduce errors, and ensure durability and superior aesthetics for every finished product.

SOLUTIONS FOR FRAME ASSEMBLY - HIGH FREQUENCY



SOLUTIONS FOR DRAWER ASSEMBLY - HIGH FREQUENCY



SOLUTIONS FOR FRAME ASSEMBLY

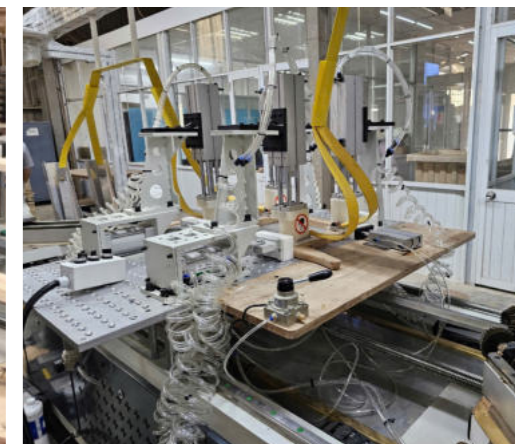
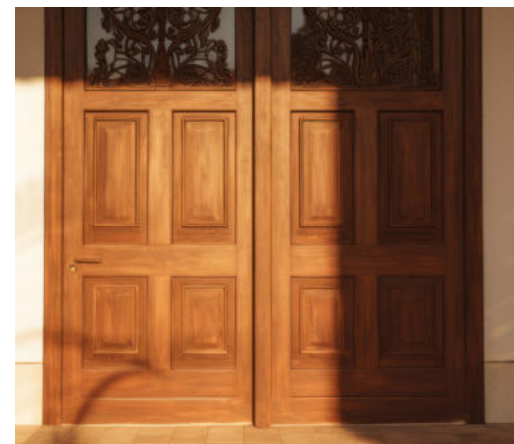




HIGH FREQUENCY FRAME ASSEMBLY MACHINE

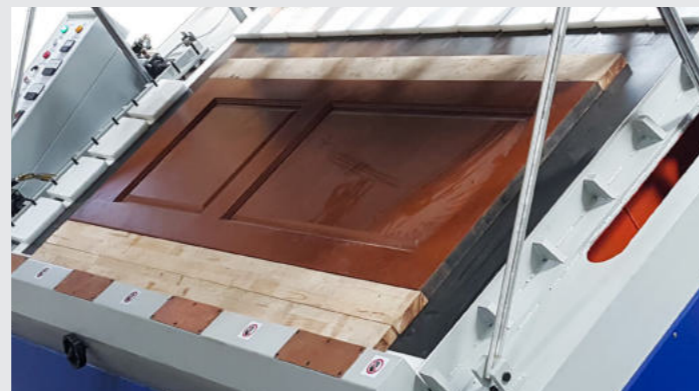


HIGH FREQUENCY FRAME ASSEMBLY MACHINE



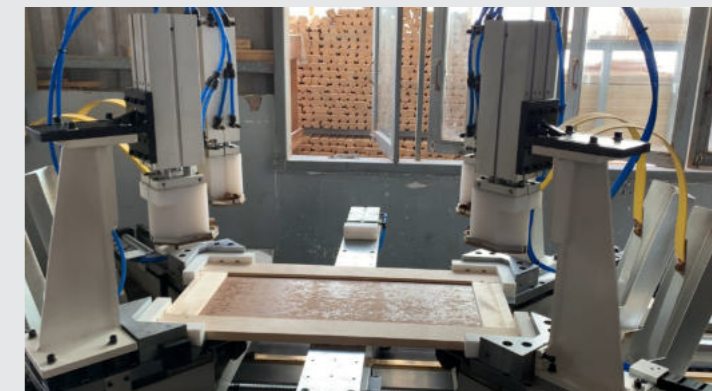
SM 84H35A

Working Table	1220 x 2500 mm
Working Thickness	10 - 50 mm
Out Power	50 kVA
Horizontal Hydraulic Cylinders	12 pcs
Vertical Hydraulic Cylinders	2 pcs
Hydraulic System	5 HP
Power Supply	3 phase 200 - 600 V (50- 60 Hz)
Dimension	3600 x 1700 x 2100 mm
Gross Weight	4000 kg



SM 868A

Working Table	2800 x 850 mm
Working Thickness	13-80 mm
X Axis Servo Motor	0.75 kW
Y Axis Servo Motor	1.3 kW
Air Pressure	0.6 - 0.8 Mpa
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	3800 x 1340 x 2400 mm
Gross Weight	1800 kg

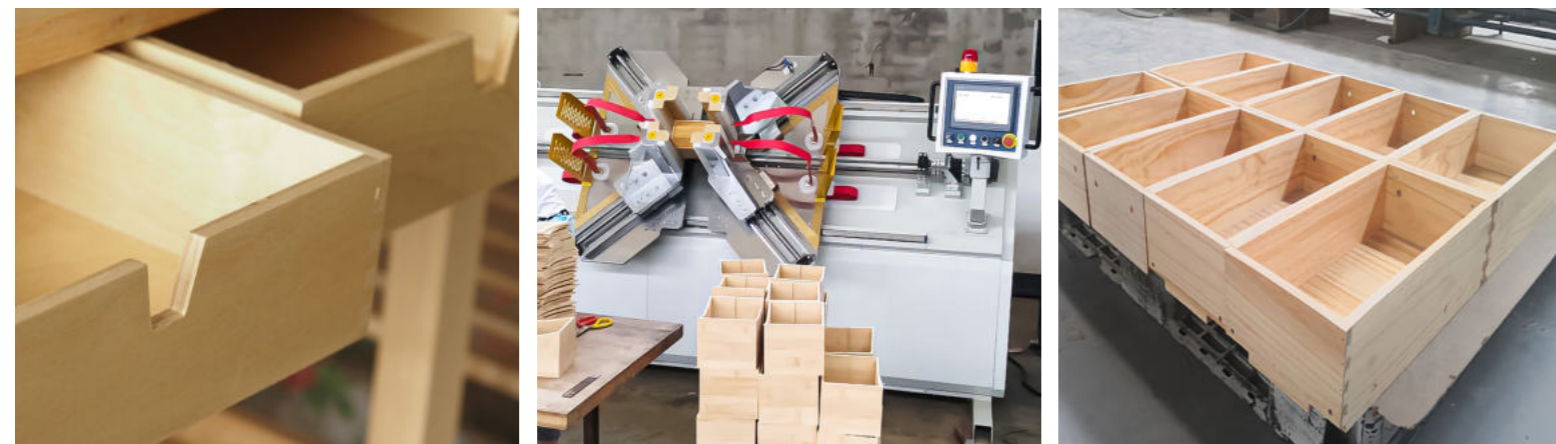




HIGH FREQUENCY DRAWER ASSEMBLY MACHINE

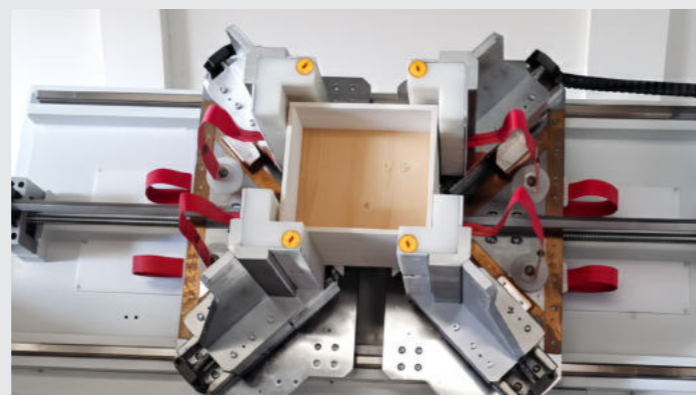


CABINET FRAME ASSEMBLY MACHINE



SM 1205H300

Max. Working size	1200 x 500 mm
Min. Working size	100 x 100 mm
Max. Processing Thickness	300 mm
HF Power	5 kW
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	2300 x 1300 x 1600 mm



SM 3613S

Max. Assembly Height	1450 mm
Max. Assembly Length	3450 mm
Max. Assembly Width	800 mm
Min. Assembly Length	400 mm
Min. Assembly Height	400 mm
Power Capacity	1.5 kW x 2
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	4800 x 900 x 2370 mm



TAK1 2500 1300

Max. Assembly Height	1300 mm
Max. Assembly Length	2500 mm
Max. Assembly Width	700 mm
Min. Assembly Length	380 mm
Min. Assembly Height	380 mm
Power Capacity	1.5 kW x 2
Power Supply	3-phase 380 V (±5%) (50 Hz)
Dimension	3800 x 900 x 2200 mm

