

European and American

Pallet Manufacturing Machines

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Transmission Towers • Machine Manufacturers & Green Field Project Exports • International Tenders

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Bank ALFalah

COMPANY PROFILE

Premium Pallet Manufacturing Machines

Mahabir Industries supplies high-performance **automated pallet production machines** engineered to meet **European and American pallet standards**. Our solutions are built for companies requiring durable, fast, and scalable pallet manufacturing systems.

Our Pallet Machine Solutions Deliver:

High-Speed Production

High-speed automated production for large-volume demand

Precision Engineering

Precision nailing, cutting & assembly

Standard Compliance

Output that meets **EUR-standard, CHEP-standard, and custom pallet sizes**

Energy Efficiency

Energy-efficient operation with modern safety systems

Low Maintenance

Low maintenance design with long operational life

Customization

Optional customization for raw material optimization and workflow efficiency

With strong global partnerships and quality-controlled manufacturing, Mahabir Industries ensures reliable machinery tailored for industrial and commercial pallet producers across Europe and the United States.

Additional Capabilities of Mahabir Industries

Beyond pallet machinery, Mahabir Industries is a multi-sector engineering organization offering:

- **Steel lattice towers & substation structures**
- **Heavy industrial fabrication & machining**
- **Turnkey factory setup & industrial project consulting**
- **Custom production machinery sourcing**
- **International trade, export & logistics solutions**

Our global presence across **India, UAE, South Africa, and East Africa** enables us to deliver consistent quality, competitive pricing, and dependable after-sales support.

European Wood Pallet Nailing Machine



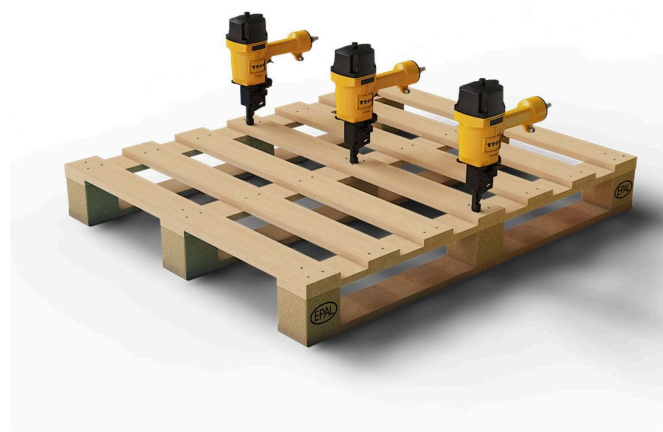
Technical Specifications

- **Working mode** :Automatic feeding and stacking
- **Operation mode:** PLC Touch screen
- **Air pressure:** 0.8MPA
- **Nail gun speed:**7 times /second
- **Apply a nail:** 65,70,75,80,85,90mm
- **Working voltage** : 220V,380V,415V,customised/ 2kw Servo motor
- **Application** : **Automatic wood pallet nailing machine** is mainly used in the production of American and European pallets.

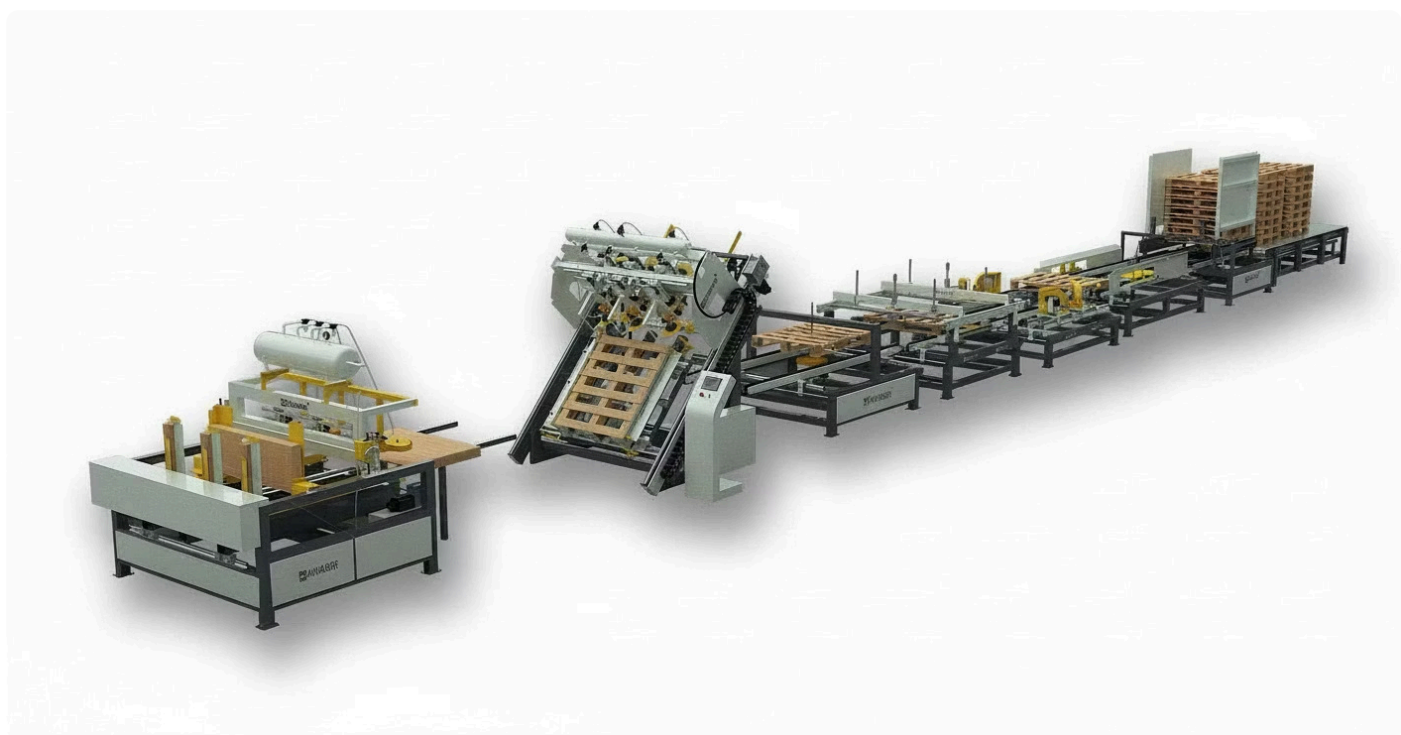
Product Description

Key Features

Automatic wooden pallet nailing machine mainly can apply for produce American stringer pallets and European block pallet. The automatic wood pallet nail machine equipment auto stacking platform, wood pallet lifting device and flip picking device. High Degree automation, smooth closely process, complete nailing and stacking in one time.



The whole machine adopts fully automatic program, the operating system adopts imported PLC control, the touch screen is simple to operate, the control is convenient, and the nailing position is standard; compared to the domestic conventional production technology, multiple processes are completed at one time, which greatly improves the work efficiency.



European Standard Pallets

The European pallet is made up of panels and wooden blocks. It is a common European standard pallet. The European standard pallet can be inserted on all sides and is convenient to use.

European standard pallets are commonly used in modern logistics. Its use can ensure the storage and transportation of goods, greatly increase the power of industrial transportation, and ensure the speed of logistics transportation.

Product Parameters

Product name	Automatic wooden pallet nailing machine
Model	MAH-M6000
Working mode	Automatic feeding and stacking
Operation mode	PLC Touch screen
Operational mode	Pneumatic operation
Voltage and power	220V,380V,415V,customised/ 2kw Servo motor
Air pressure	0.8MPA
Tank size	0.2 cubic
Nail gun speed	7 times /second
Production efficiency	1-2pcs /min
Apply a nail	65,70,75,80,85,90mm
Weight	2000kg
Size	Host machine 1660*1970*2217mm Stacking 2945*2054*1410
Overall dimensions(mm)	1660*1970*2217mm
Nail application size	<80mm
Working mode	Automatic feeding of automatic nail stacking
Function	Wood Pallet Processing Line

Features of Automatic Pallet Nailing Machine



Operation

The machine will auto clamping after the worker put the wood pallet bottom beam in machine, then put wood pallet plate, after automatic nailing. When complete it, the work need flip the other side, put the plate in, then nailing it.



Operation program

Touch screen control, advanced programming, Feeding mechanism and nailing machine multi-axis linkage at the same time when **working.it** achieve fast and efficient nailing **work.One** more thing, it could switch different program basis on different material plate to produce non-standard pallet.



Automatic stacking

It will form a line with nailing machine, after nailing, flip the wood pallet to stacking platform. It will be achieve the effect of automatic collect wood pallet and easy to transport. It save labor and operation time.



Option

basis on stacking platform, it could increase transport platform, achieve stacking 4-5 stack.

- *The equipments main parts all use international well-known brand, for example: BOSTITCH/ Max nail gun, Delta control, Airtac electrical appliances and so on, to ensure the stability of the machine operation.

Detailed Photos

Pallet Block Nailing Machine



Automatic Pallet Nailing Machine



Pallet Rotating Machine



Pallet Branding Machine



Pallet Corners Cutting Machine



Pallet Turnover Machine



Pallet Stacking Machine



Pallet Conveyor Machine



European Wood Pallet Production Line

Wood Pallet Production Line

Pallet block nailing machine + Automatic pallet nailing machine + Rotating machine + Branding machine + Corners cutting machine + Turnover machine + Stacking machine + Conveyor are connected into a production line.

01

Block Assembly

First of all, block connecting machine aims to assemble pallet blocks and bottom deckboard.

02

Pallet Nailing

Secondly, pallet nailing machine will assemble the pallets. Once upon the nailing process is done, the half-finished pallet will be taken to the rotation part.

03

Branding

Afterwards, the stamp will be imprinted on both sides of the pallet by the branding machine which is usually equipped with four soldering irons.

04

Corner Chamfering

In the following step, the four corners of the pallet will be chamfered.

05

Turnover

By stacking pallets with obverse and reverse stacking method, the turnover machine is helpful for storing more pallets on the stacking machine.

06

Stacking & Storage

In the next place, the final pallet will be carried to the stacking machine. Then all the pallets will be stored on the conveyor.

American Pallet Nailing Machine For Sale



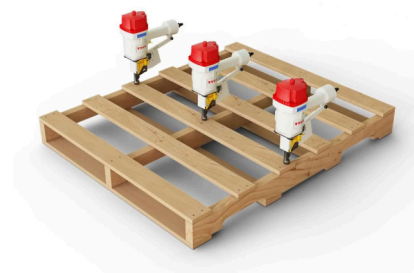
Technical Specifications

- **Working mode** : Automatic feeding and stacking
- **Operation mode:** PLC Touch screen
- **Air pressure:** 0.8MPA
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- **Apply a nail:** 65,70,75,80,85,90mm
- **Working voltage** : 220V,380V,415V,customised/ 2kw Servo motor
- **Application** : **Automatic wood pallet nailing machine** is mainly used in the production of American and European pallets.

Product Description

About US Pallet Machines

US pallet machine refers to a pallet manufacturing machine that is designed and manufactured in the United States. These machines are used in the production of wooden pallets, which are widely used for shipping and storing goods. US pallet machines are known for their quality, reliability, and advanced features that help streamline the pallet manufacturing process.



Automation & Optimisation

US pallet machines are designed to automate and optimise the pallet manufacturing process, reducing manual labour and increasing efficiency.

Precision Tasks

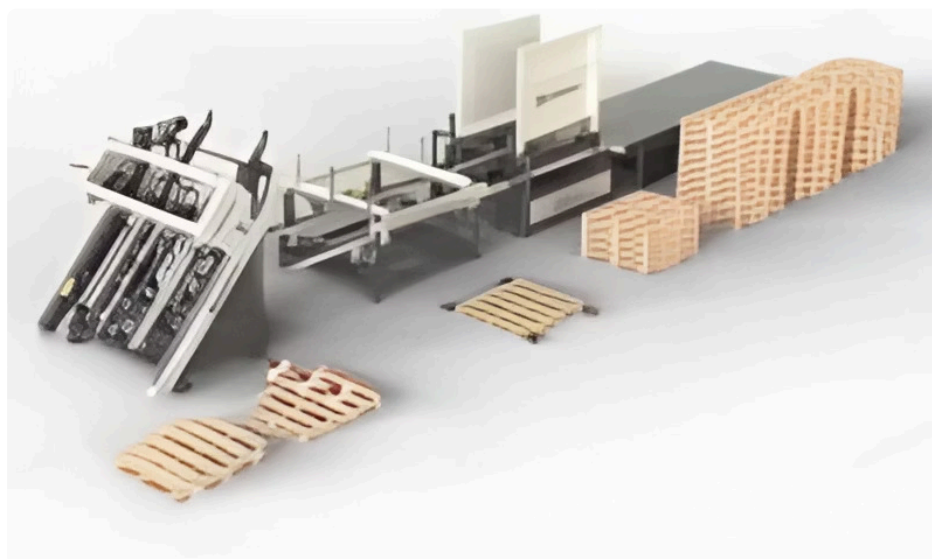
These machines can perform tasks such as nailing, stacking, and assembling pallets with precision and speed.

Enhanced Productivity

Automation helps to improve productivity, reduce production time, and minimise errors in pallet assembly.

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American Standard Pallet

American standard pallets are supported by several longitudinal beams, also known as stringer pallets, which are standard pallets commonly used in North America. The structure of American wooden pallets is very simple, and the production is very fast. The overall firmness is supported by the longitudinal beams, and the firmness is very good. If the customer needs to enter the fork on all sides, the longitudinal beam can be grooved.

However, this kind of wooden plate is generally a two-way fork, and only under certain circumstances can a four-way fork be realised.

Product Parameters

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Model	CRS-M6000
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Operational mode	Pneumatic operation
Voltage and power	220V,380V,415V,customised/ 2kw Servo motor
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Detailed Photos

Automatic Pallet Nailing



Pallet Branding Machine



Pallet Stacking Machine



Pallet Conveyor



American Wood Pallet Production Line



Pallet Nailing

First of all, pallet nailing machine will assemble the pallets.



Branding

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Stacking

In the next place, the final pallet will be carried to the stacking machine.



Storage

Then all the pallets will be stored on the conveyor.



Partner with Mahabir Industries

Whether you are expanding your pallet plant or starting a new production line, Mahabir Industries offers turnkey support from consultation to commissioning.

Reach out to us for a customised project proposal.



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