

**Steel and Wood Pallets**

**Strength You Can  
Rely On. Quality You  
Can Trust.**



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# About Us

Mahabir Industries was established with a clear vision—to meet the growing demand for reliable, durable, and export-ready pallet solutions across Chemical, Petrochemical, Pharmaceutical, Logistics, Warehousing, and Manufacturing industries.

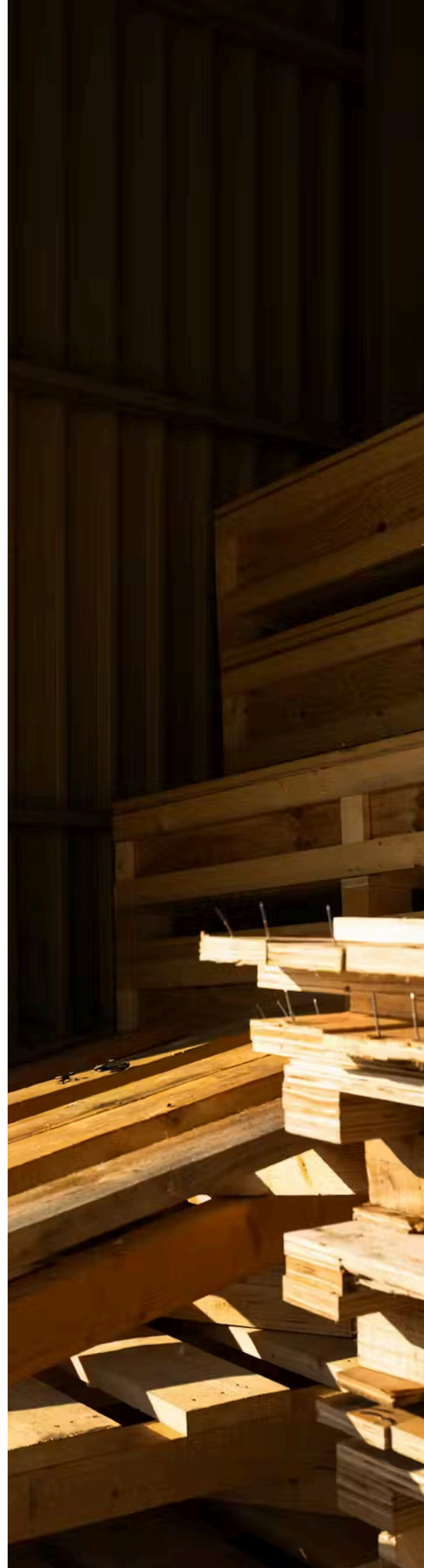
With extensive expertise in the pallet industry, we are committed to continuously enhancing our capabilities, optimizing our production processes, and delivering high-quality pallets at the most competitive cost. Our focus has always been on exceeding customer expectations through dependable performance and consistent service.

We are a trusted manufacturer and supplier of a wide range of **Wooden Pallets, Steel Pallets and Customized Packaging Solutions**. Our wooden pallets are crafted using premium **Babul Wood, Neem Wood, and Pine Wood**, ensuring strength, durability, and long-term load stability. Our steel pallets are engineered for heavy-duty industrial applications where precision and safety are uncompromised.

We spare no effort in developing products that reflect superior workmanship, structural integrity, and reliability. Our quality-focused approach, backed by national and international standards, ensures that every pallet delivered is built to perform and built to last.

Mahabir Industries also offers **in-house Heat Treatment (HT) facilities compliant with ISPM-15 standards**, enabling safe and certified export packaging for global shipments.

With a commitment to excellence and a customer-first mindset, Mahabir Industries continues to be a trusted partner for businesses seeking efficient, high-quality pallet solutions.



# Our Values – Excellence Is Our Responsibility



## Team-Driven Culture

We believe great products come from great people. Our work environment is built on collaboration, shared motivation, and collective success.



## Uncompromising Quality

Every pallet we manufacture reflects our commitment to precision, durability, and delivering maximum value to our customers.



## Technology-Enabled Efficiency

Our infrastructure integrates modern machinery and smart processes to enhance production quality while ensuring minimal wastage.



## Sustainable Sourcing

We procure wood responsibly from certified global suppliers, ensuring sustainability, environmental protection, and long-term resource balance.



## Safety & Well-Being First

We prioritize the safety, training, and well-being of every member of our skilled and unskilled workforce involved in the production process.

## Why us:

- An iso 9001-2015 Certified company
- Supreme Quality, Competitive Price, Delivery on time
- Heat and chemically Treated Pallets
- Well Trained Cargo Packers
- Manufacturing various size of Pallets, Boxes, Crates as per customer requirement
- Supplying various location globally





# Our Product Range



# Heavy duty Steel and Customizable pallets Stainless steel Pallets EU / GB / USA / AUS

The Mahabir Steel and Stainless Pallets are a 4-way pallet designed to be a durable and robust choice for special material handling needs. Its surface treatment is hot-dip galvanizing. 4 - road steel pallet made in standard dimensions for the EU, GB, USA, AUS market.

## The biggest advantages include:

### Resistant to contamination

Easily sterilized hygienic, without pests

### Great stability and stackability

Corner stops, mechanical resistance and robustness extra long life

### Resistant to corrosion and weathering

Fire resistant

### 100% recyclable

**These advantages make galvanized steel pallets extremely useful for a wide range of industries:**

- Chemical and pharmaceutical industry
- Transport and handling of food
- Long-term outdoor storage
- Structures





# Our Steel Pallet Specifications:

## Dynamic load:

2500 kg / 5 511 lb

## Static load:

6000 kg / 13 227 lb

## Empty weight:

36-45 kg / 79-99 lb

## Material:

galvanized steel  
S235 / Stainless  
steel

## Working temperature:

-40 + 80° C / -40 to  
176 °F

## Maximum static load:

36 kg / 79 lb

**100% recyclable, automated cleaning is possible**

## Length:

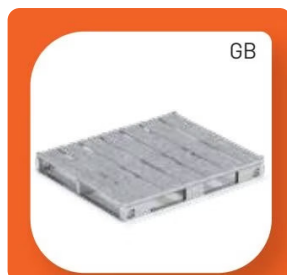
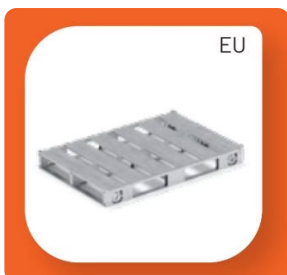
- EU 794 mm / 31,25 inch
- GB 1000 mm / 39.37 inch
- USA 1010 mm / 39,76 inch
- AUS 1152 mm / 45,35 inch

## Width.

- EU 1193 mm / 46,97 inch
- GB 1200 mm / 47,24 inch
- USA 1212 mm / 47,72 inch
- AUS 1154 mm / 45,43 inch

## Height:

132 mm / 5,19 inch



# Wood Pallet

1

## Heavy Duty Manufacturing

Manufacturing heavy duty wooden pallets of both softwood and Hardwood Chemically treated & mechanically seasoned, capacity to accept huge load, long lasting and suitable to load heavy components.

2

## Finest Pine Wooden Pallets

Mahabir is excelling in the domain by making available finest Pine Wooden Pallets which are one of the most used packaging materials in industries, major reasons being Sustainability, Availability.

3

## International Quality Standards

The products are manufactured in accordance with the international quality standards for exports for which we have in house facilities for.





# No discoloration of colour after long duration attack.

1. Seasoning chambers for wood planks.
2. Heat treatment facility as per ISPM-15.
3. Methyle Bromide Fumigation (By outer agency).

## Features

- Light in weight
- Bio Degradable
- High strength
- More Sustainable
- Durable
- High Thermal Resistance.
- Long Lasting

## Properties

- High load bearing Capacity.
- Superior Workability
- Resistance to Microbial attack.



# Our Wood Pallet Specification

- Two Way Pallets
- Four Way Pallets

## CP PALLETS

Size (mm)	
CP1	1000 x 1200 mm
CP2	800 x 1200 mm
CP3	1140 x 1140 mm
CP4	1100 x 1300 mm
CP5	760 x 1140 mm
CP6	1200 x 1000 mm
CP7	1300 x 1100 mm
CP8	1140 x 1140 mm
CP9	1140 x 1140 mm

## EURO PALLETS

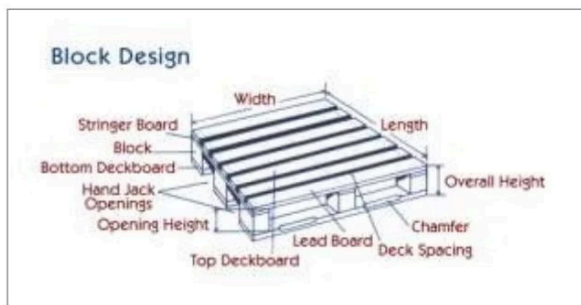
Pallets	Size (mm)
EURO 1	800 x 1200 mm
EURO 2	1200 x 1000 mm
EURO 3	1000 x 1200 mm



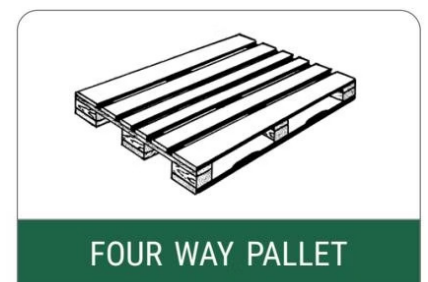


# Design of Wooden Pallets

There are two different pallet designs; the block design and stringer design. The block design utilises cylindrical posts, which separate the top deck from the bottom deck. Block pallets utilise both parallel and perpendicular stringers to better facilitate efficient handling. The stringer design utilises runners – wood components that run the full length of the pallet. The top deck is fastened to the top edge of the stringers.



## Types of Pallet



# Wood vs Plastic Pallets

BASIS	WOOD	PLASTIC
Weight	Standard 48x40 wood pallets can handle loads +/- 1500 to 3000 lbs.	Standard 48x40 plastic pallets are best for loads <1500 lbs.
Ascetics	Gives a natural warm feel	Very cosmetic and unpleasing to eyes
Durability	ISPM 15 Certification required	ISPM 15 Certification not required
Moisture	Pallets made from Kiln Dried planks have no issues	x
Bugs/Fungus	Pallets treated with heat treatment as per ISPM 15 have no issues	x
Prevalence	80-85% of Pallets used are wood	Plastic makes up less than 10%
Cost	Overall up to 3x lower per unit	Overall up to 3x higher per unit
Recyclable	99% Recyclable; both as pallets and other wood products	Highly Unlikely
Repairable	Very Repairable	x
Environmental Impact	Sustainable resource, easily repaired and recycled, biodegradable	Not biodegradable
Availability	Procured from sustainable forest produce	Available at a high cost
Design Flexibility	Highly flexible	x



# Considerations For Pallet Selection

## Industry and Products

Preferable to follow industry norms on selection of pallets. 80-85% wood pallets are used.

## Product Weight

Wood Pallets should be used for anything above 680 kilos.(approx.)

## Sensitivity

Depending on the product the Pallet should be considered.

## Export Oriented

Exporting, Wooden Pallets are the way to go even after meeting export compliance rules it will be cheaper than plastic

## Wood vs Plastic Pallets Considerations For Pallet Selection

### Economics - Cost

If cost of Pallet is most urgent consideration then Wooden Pallets is the right choice

### Customized Pallets

It is difficult and cost prohibitive to get Plastic Pallets in custom sizes and extra features, Wood makes customization simple and cost effective.

### Supply Chain Carbon footprint

Not only does wood offer a smaller, or even negative carbon footprint, but wood is also eco-friendly and sustainable option. Plastics are made from high density polyethylene which is petroleum or natural gas.

# Industrial use of Pallets

In most every type of industry that ships and receives goods has a use for pallets. Common A examples include:





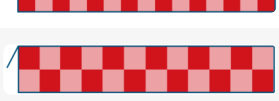






- Manufacturing industries (for car parts, aircraft parts, furniture, etc)
- Assembling industries (assembling the car, aircraft, etc)
- Pharmaceutical industries
- Food and beverage industries
- Construction industries

## Why do these industries use Wooden Pallets?

The wooden pallets usage are cost-effective, recyclable, and perfect for transporting heavier items. Products that are transported on these also slide around less, due to the rougher surface of the wood. Wooden pallets can be used to transport both heavy or fragile items, such as machinery parts or wine bottles.



# HOW MANY PALLETS CAN FIT IN A CONTAINER?

Container Type	Pallets	
20' Standard	10 Standard Pallets 1,20x1,00 m	
20' Hard Top	11 Euro Pallets 1,20x0,80 m	
20' Pallet Wide	10 Standard Pallets 1,20x1,00 m	
20' Pallet Wide	14 Euro Pallets 1,20x0,80 m	
20' Reefer	9 Standard Pallets 1,20x1,00 m	
20' Reefer	10 Euro Pallets 1,20x0,80 m	
40' Standard	21 Standard Pallets 1,20x1,00 m	
40' High-Cube	25 Euro Pallets 1,20x0,80 m	
40' Pallet Wide	24 Standard Pallets 1,20x1,00 m	
40' Pallet Wide	30 Euro Pallets 1,20x0,80 m	
40' High Cube Reefer	20 Standard Pallets 1,20x1,00 m	
40' High Cube Reefer	23 Euro Pallets 1,20x0,80 m	
45' Standard High Cube	24 Standard Pallets 1,20x1,00 m	
45' Standard High Cube	27 Euro Pallets 1,20x0,80 m	
45' High Cube Pallet Wide	26 Standard Pallets 1,20x1,00 m	
45' High Cube Pallet Wide	33 Euro Pallets 1,20x0,80 m	
45' Pallet Wide High Cube	26 Standard Pallets 1,20x1,00 m	
45' Pallet Wide High Cube	32 Euro Pallets 1,20x0,80 m	



# Let's Build Stronger Supply Chains Together

Whether you need reliable wooden pallets, heavy-duty steel pallets, or custom packaging solutions, Mahabir Industries is here to support your growth with quality, consistency, and trusted service.

## Get in Touch

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