



**Zigma Cabin Pvt. Ltd.**



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Manufacturers & Suppliers of Portable Cabins

**Factory:**

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*Tried, Tested & Trusted*

Offering a wide range of Portable Cabins, Bunk Houses, Security Cabins, Mobile Toilets, Toll Booths, Factory Shed, Porta Cabins, Site Offices, Security Guard Cabins, Portable Building, etc. With a motto to exceed expectations of customers by providing them highest quality products and prompt services, we, Zigma cabin started functioning in 2009. We are dedicated towards developing long-term and mutually-enriching relationships with our customers by offering them exactly what they demand for. Our company is recognized worldwide as a leading manufacturer and exporter of different types of portable cabins including a durable range of Bunk House, Security Cabins, Toll Booths, Factory Shed, Porta Cabins, Site Offices, Security Guard Cabins, Portable Toilets & Bathrooms, Portable Building, etc We have expertise in manufacturing extremely functional, space-efficient and cost-effective portable cabins, buildings, and so on in all possible sizes and construction materials - a reason why customers always prefer us to our competitors for addressing their various portable housing needs. From formal office accommodation, comfortable eating & relaxation areas, compact toilet & shower facilities to site security units; we have a proven track record of offering tailor-made designs and styles that perfectly aligns with customers' specific construction requirement.



*About Us*

We are specialists in designing high quality cabins that are very economical and can be easily transported from one place to other. Our company manufactures such cabins and buildings in all possible sizes keeping customers comfort and specific requirements in mind. At present, we deal in the following types of cabins and containers in various sizes and specifications:

- **Bunk House**
- **Portable Toilets**
- **Mobile Toilets**
- **Mild Steel Containers**
- **Toll Booths**
- **Security Guard Cabins**
- **Factory Shed**
- **Porta Toilets**
- **M.S. Security Guard Cabin**
- **M.S. Labor Room**
- **Portable M.S. House**
- **Portable Office**
- **Portable Container**
- **Product Features**
- **Site Office Cabin**



*Our Products*

Our manufactured products enjoy high demand among a large number of customers owing to their advanced features. They are highly durable and long lasting in performance and call for negligible maintenance.

Following are some of the salient features that distinguish our products:

**Creative designs**

**Durability**

**Corrosion resistance**

**Sturdy construction**

**Quality Assurance**



Sprawling over a large area, our infrastructural set up comprises an ultra modern manufacturing facility installed with a high performing range of machines and equipment to support voluminous production output. They are easily operated without any hassle and are robust and efficient enough to design any number of products within the shortest period of time



We strongly believe in delivering the best quality products that stand high on various quality parameters to clients. For ensuring high quality in our entire product range, we make all possible efforts to procure only genuine grade of raw materials from well known vendors. Further, we employ a highly qualified team of quality experts in our organization who tests all our manufactured products to ensure they exhibit the following attributes:

**Durability**

**Longevity**

**Attractiveness**

**Compact size**

**Excellent finish**

**Low Maintenance**



### **Portable Cabins - Technical Specification**

#### **Portable Cabins Shell :**

The shell shall be fabricated from tested quality steel duly welded, comprising of base frame, peripheral structure, self draining roof, entry doors and of windows (as per requirement). The eight corners shall be sufficiently strengthened to facilitate transportation, lifting and placing.

#### **Portable Cabins Base Frame :**

The base frame shall be made of pressed mild steel channel section. The main structural element shall be of 100 mm x 50 mm 'C' channels and cross member shall be of 'C' channels section size 75 mm x 40mm.

#### **Portable Cabins Side and End Walls :**

The side and end frame shall be made out of pressed sections of suitable profiles/pillars of sufficient strength. Exterior wall shall be made up of 18 swg M.S specially corrugated sheet whereas 9 mm MDF board will be used for interior walls. The steel sheet shall be treated for corrosion resistant. Panels shall be vertically corrugated, sheet shall be continuously welded to top side and base structure so as to offer better strength to weight ratio. All gaps will be sealed at edges and at seams, bottom etc to prevent ingress of moisture.

#### **Portable Cabins Flooring Systems :**

On the bottom frame 18 mm thick plywood/bison panel/E board shall be fixed by means of self tapping screw. PVC vinyl flooring shall be fixed on the panel.

#### **Portable Cabins Roof :**

Self draining type roof shall be made out of 18 swg thick M.S. sheet, adequate roof bows are to be provided. Roof shall be adequately cambered for draining of rain water. Interior paneling shall be done in 9 mm MDF board with adequate insulation.

#### **Portable Cabins Paint :**

Epoxy Zinc Phosphate primer & synthetic Epoxy paint for final 2 coats. (Corrosion free and fire proof paints)

#### **Portable Cabins Insulation :**

25 mm thick Rock wool insulation shall be used for walls and 50 mm thick Rock wool insulation to be provided for roof.

**Portable Cabins Inner Paneling :** The interior shall be aesthetically finished so as to give custom built appearance with extremely high quality workmanship. All vertically and horizontal corners shall be neatly and smoothly finished with

Aluminum sections. The paneling of side walls and roof shall be of 9 mm thick decorative laminated board.

**Portable Cabins Main Entry Door :** The door shall be of external opening type made out of the same material as wall panels with door closing unit. The construction of the door shall be double skin steel construction with 25 mm thick Rock wool insulation. The peripheral edges of the door shall be sealed with double gaskets to make it waterproof & leak proof. The door interior shall be finished with same material matching with that of the bunk house interior. The door shall be provided with locking arrangement with separate handles of both sides of the door as required. Main door will be insulated and fitted with Godrej mortise lock and power bolt.

**Portable Cabins Aluminum Windows :** Aluminum powder coated windows, sliding type shall be provided, made of aluminum section, 4 mm thick tinted glasses are to be fitted to it.

**Portable Cabins Electrical System :** The bunk house will be provided with electrical wiring suitable for 250 volt, 50 HZ single phase AC power supply. All electrical wiring shall be concealed. Suitable copper cables shall be used for lighting circuits. The copper cables used will be of 3/19 cable for lighting circuits. ISI mark and concealed in PVC conduits insulated copper wire shall be used for wiring to be done in PVC conduit with small size distribution board with MCB protection and to separate with main supply.



