

Porta Cabin — Technical Specifications & Price List

The standard SAMAN build sheet — the same specification we submit for tenders and client approvals.

Every SAMAN porta cabin is factory-fabricated on a welded mild-steel frame at our Bengaluru and Greater Noida units. The structure uses a 100×50×3 mm MS C-channel chassis, 1.2 mm specially corrugated MS sheet walls and a 1.4 mm corrugated MS sloped roof. Interiors are finished in 8 mm pre-laminated MDF with aluminium joint sections, insulated with glass wool / heatlon in the walls and 50 mm glass wool (42 kg/m³) under the roof, over an 18 mm Bison panel floor with 1.3 mm vinyl finish. The same material specification applies to all nine standard sizes — only quantities, fit-out and transport change with size. Anything not listed below is confirmed at quotation.

GST Registered	5-Year Structural Warranty	Pan-India Delivery	Factory-Tested Before Dispatch
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Sizes & Prices — base specification, ex-GST

SIZE	DIMENSIONS	AREA (SQ FT)	COMFORTABLY FITS	PRICE (RS, EX-GST)
10×10 ft	10×10×8.5 ft	100	2–3 people	1,37,500
20×8 ft	20×8×8.5 ft	160	3–4 people	2,20,000
20×10 ft	20×10×8.5 ft	200	4–6 people	2,50,000
20×12 ft	20×12×8.5 ft	240	5–7 people	2,88,000
30×10 ft	30×10×8.5 ft	300	6–8 people	3,60,000
40×8 ft	40×8×8.5 ft	320	7–9 people	3,76,000
20×20 ft	20×20×8.5 ft	400	8–10 people	4,70,000
40×10 ft	40×10×8.5 ft	400	8–10 people	4,70,000
40×12 ft	40×12×8.5 ft	480	10–12 people	5,52,000

Prices are complete-cabin, base-specification prices — roughly Rs 1,150–1,375 per sq ft ex-GST across the nine sizes. GST 18% extra · HSN 9406 (prefabricated buildings). Customisations, interior fit-out, transport and installation are quoted separately. Delivery across South & North India, typically 7–21 working days. Free delivery: Bengaluru city (South) and Delhi NCR — Ghaziabad, Gurugram, Faridabad, Noida, Greater Noida (North).

Warranty: 5-year structural warranty · 1–2 years on finishing and fitments · bought-out electrical, sanitary and hardware items carry their manufacturers’ warranty. Full terms confirmed at quotation.

Steel Structure

COMPONENT	SPECIFICATION	DETAIL
Bottom frame	100×50×3 mm MS C-channel	Primary load-bearing chassis (20×10 costing reference module).
Bottom stiffeners	100×50 mm C-channels, 50×50 mm MS angles, 75×40 mm channels and MS square pipes	Reinforces the floor and distributes occupancy, furniture and equipment loads.
Floor frame	100×50, 80×40 and 50×50 mm MS square pipes as required	Supports the floor board and finished floor.
Top frame	50×50×1.6 mm MS square-pipe top frame	Main upper perimeter and wall-head support.

COMPONENT	SPECIFICATION	DETAIL
Roof stiffeners	50×50×1.2 mm plus 50×40, 40×40, 50×25 and 25×25 mm MS members	Roof slope, stiffness, ceiling support and service openings.
Corner posts / walls	50×50×2 mm MS square-pipe posts or 60×60 mm MS angles	Frames corners, wall panels, doors, windows, openings and partitions.
Lifting hooks	As per approved cabin weight and lifting design	Welded lifting points for crane handling, loading and relocation.
Welding & fabrication	As per approved fabrication drawing	Structural joints welded, cleaned and protected before wall and roof linings close.

Walls, Roof, Floor & Insulation

COMPONENT	SPECIFICATION	DETAIL
Exterior walls	1.2 mm specially corrugated MS sheet	Mandatory factory-fabricated external shell.
Roof	1.4 mm corrugated MS sheet	Sloped, sealed and flashed for water drainage.
Interior walls	8 mm pre-laminated MDF board with aluminium joint sections	Finish selected for office, shop, sanitary, industrial or hospitality use.
Ceiling	8 mm pre-laminated MDF ceiling	Supports lighting; completes the internal finish.
Floor base	18 mm Bison panel	Fixed over the welded MS floor frame.
Floor finish	1.3 mm vinyl flooring	Selected for traffic, moisture, hygiene and equipment load.
Wall insulation	25 mm glass wool or 12 mm heatlon	Installed within the wall cavity.
Roof insulation	50 mm glass wool, nominal density 42 kg/m ³	Installed below the corrugated MS roof sheet.
External finish	Anti-rust enamel in an approved colour combination	Optional decorative façade cladding fitted above the corrugated shell where specified.
Fasteners & sealing	Self-tapping fasteners, welding, sealant, rubber gaskets and flashing	Weather sealing at roof, corners, doors, windows and service penetrations.

Doors, Windows, Electrical & Services

COMPONENT	SPECIFICATION	DETAIL
Main door	7×3 ft externally opening MS-framed door, 30×30 mm MS tubular sections	Opens outward; quantity and position per approved layout.
Windows	Two-track powder-coated aluminium sliding windows, 4 mm glass	Quantity, size and position per approved layout.
Grills / mesh	MS safety grill and mosquito mesh, per site requirements	Selected for security, visibility and ventilation needs.
Electrical wiring	PVC-insulated copper: 1.5 sq mm lighting · 2.5 sq mm sockets · 4 sq mm AC/high-load	Concealed wiring for 240 V, 50 Hz single-phase supply.
Electrical protection	Mini DB with MCB protection, rated per final load schedule	Separate protection for lighting, socket, AC and equipment circuits.
Electrical fittings	LED lights, modular switches, 6A/16A sockets, fan points, AC provision	Point quantity and rating per the approved layout.

COMPONENT	SPECIFICATION	DETAIL
Ventilation / AC	Natural cross ventilation; fan, exhaust and AC provision as required	Final equipment based on occupancy and use.
Plumbing / sanitary	CPVC / UPVC sanitary and kitchen services	Included only where listed in the approved scope.
Layout	Open single-room layout	Furniture and partitions finalised by approved drawing.
Painting	Red-oxide/epoxy primer + anti-rust enamel — 1 primer coat + 2 enamel coats	Applied after cleaning; touch-up after handling and dispatch.
Quality checks	Pre-dispatch inspection, checklist basis	Dimensions, welding, paint, leakage, openings, electrical operation and finish.

One specification, nine sizes. The material and technical specification above is the approved product specification for all nine standard sizes — materials, thicknesses, finishes, insulation and the door/window package do not change when you change size. Any engineering strengthening required for a confirmed order is issued as a separately approved technical deviation.

Get a fixed-price quote in 48 hours

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