

MS Porta Cabin — Technical Specifications & Price List

Canonical URL: <https://www.samanportable.com/product/porta-cabins/ms-porta-cabin>

Newly fabricated at our own works from MS sheet, MS pipe framing and aluminium sections — not a converted shipping container.

Sizes & Prices

SIZE	AREA	RATE / SQ FT	EX-GST	INCL. 18% GST
10x10×8.5 ft	100 sq ft	₹1,980	₹1,98,000	₹2,33,640
20x8×8.5 ft	160 sq ft	₹1,980	₹3,16,800	₹3,73,824
20x10×8.5 ft	200 sq ft	₹1,800	₹3,60,000	₹4,24,800
20x12×8.5 ft	240 sq ft	₹1,728	₹4,14,720	₹4,89,370
30x10×8.5 ft	300 sq ft	₹1,728	₹5,18,400	₹6,11,712
40x8×8.5 ft	320 sq ft	₹1,692	₹5,41,440	₹6,38,899
20x20×8.5 ft	400 sq ft	₹1,692	₹6,76,800	₹7,98,624
40x10×8.5 ft	400 sq ft	₹1,692	₹6,76,800	₹7,98,624
40x12×8.5 ft	480 sq ft	₹1,656	₹7,94,880	₹9,37,958

Base specification price — customisations quoted separately. Prices are supply-only and ex-factory; freight and installation are confirmed at quotation.

30-row Technical Specification

Rows marked “DIFFERS” are different from the Porta Cabins reference specification.

Steel Structure

Bottom frame	100×50×3 mm MS C-channel primary base frame, ISI-standard or approved equivalent, fabricated as the load-bearing chassis.	
Bottom stiffeners	100×50 mm C-channels, 50×50 mm MS angles, 75×40 mm channels and approved square-pipe supports, typically coordinated at about 4 ft intervals to the final floor load and lifting design.	
Floor frame	MS base and cross-member grid supporting an 18 mm Bison/cement-fibre floor board fixed with approved self-tapping fasteners; spacing follows the final drawing and design load.	
Top frame	50×50×1.6 mm MS square-pipe top perimeter frame of approved make or equivalent.	
Roof stiffeners	50×50×1.2 mm MS square-pipe roof stiffeners with 50×40, 40×40, 50×25 or 25×25 mm secondary members where required by span, ceiling support and drainage slope.	
Corner posts / walls	50×50×2 mm MS square-pipe corner and wall posts or approved 60×60 mm MS-angle alternative, with reinforced door and window openings and an approximately 60 mm wall cavity.	
Lifting / handling	Designed MS lifting hooks or lugs matched to the completed unit weight; handle only by the approved lifting and support-point drawing.	
Welding & fabrication	Welded MS fabrication with cleaned joints, safe edges, dimensional inspection and coating touch-up before panel closure and dispatch.	

Walls, Roof, Floor & Insulation

Exterior walls	1.6 mm corrugated MS sheet	DIFFERS
Roof	1.6 mm corrugated MS sheet	DIFFERS
Interior walls	8–10 mm fibre-cement board	DIFFERS
Ceiling	8 mm fibre-cement ceiling	DIFFERS
Floor base	24 mm cement board	DIFFERS
Floor finish	2–3 mm commercial PVC or epoxy	DIFFERS
Wall insulation	50–75 mm mineral wool	DIFFERS

Roof insulation	75–100 mm mineral wool	DIFFERS
Decorative / external finish	Standard anti-rust enamel exterior finish in an approved colour combination.	
Fasteners & sealing	Security grill, insect mesh, guard, louver or protection selected only where the approved use and opening schedule requires it.	

Doors, Windows, Electrical & Services

Main door / service door	Heavy single-leaf MS door with industrial lockset	DIFFERS
Windows / service opening	Reduced-size aluminium windows or louvered ventilators with 5 mm glass where used	DIFFERS
Grills / mosquito mesh	Security grill, insect mesh, guard, louver or protection selected only where the approved use and opening schedule requires it.	
Electrical wiring	Concealed PVC-insulated copper wiring, typically 1.5 sq.mm lighting, 2.5 sq.mm sockets and 4 sq.mm higher-load or AC circuits, subject to the final load schedule.	
Electrical protection	Distribution board with MCB/RCCB protection, earthing and segregation of lighting, socket, wet-area and AC circuits according to the approved electrical drawing.	
Electrical fittings	LED lights, modular switches, 6A/16A sockets, fan points and AC provision according to the approved layout.	
Ventilation / AC	Natural cross ventilation with fan, exhaust and AC provision as required.	
Plumbing / sanitary	Not included unless shown in the approved scope.	
Layout / configuration	Open single-room layout with furniture and partitions finalized by approved drawing.	
Painting / coating	One red-oxide primer coat followed by two compatible anti-rust enamel coats on prepared MS surfaces; project exposure may require an upgraded coating system.	
Quality checks	Pre-dispatch checks cover dimensions, member and sheet identification, welds, coating, roof drainage, weather sealing, doors, windows, electrical continuity and functional operation.	
Warranty	Warranty period and exclusions are confirmed only in the final quotation; relocation damage, misuse, site services and unapproved alterations remain outside the agreed scope unless stated otherwise.	

Commercial & Company Facts

Warranty: 5-year structural warranty and 1-year finishing warranty as standard; finishing warranty extendable to 2 years on request, confirmed at quotation.

Turnaround: Delivery in 7–21 working days; fixed-price quotation in 48 hours.

Certifications: ISO 9001:2015 · ISO 14001:2015 · ISO 45001:2018 · NSIC SPRS · Udyam UDYAM-KR-03-0172770 · ZED Bronze · DPIIT Startup India · GST registered.

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