PROPALLET 4W-1210

HEAVY-DUTY FOUR-WAY ENTRY INDUSTRIAL BLOCK PALLET

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Class: Industrial Logistics & Storage

STANDARD FOOTPRINT	DYNAMIC LOAD	STATIC LOAD	ENTRY ACCESSIBILITY
1200 × 1000 mm	1,500 kg	4,500 kg	4-Way (Fork & Jack)

PRODUCT OVERVIEW

The ProPallet 4W-1210 is a heavy-duty, standardized four-way entry wooden block pallet designed for optimal logistics efficiency, automated rack storage, and international freight transport. Constructed with solid hardwood deck boards and reinforced corner blocks, it allows seamless 4-way entry for both forklift trucks and pallet jacks from all sides, dramatically improving handling speed in high-density warehouse environments.

PALLET ARCHITECTURE & ENTRY DIMENSIONS

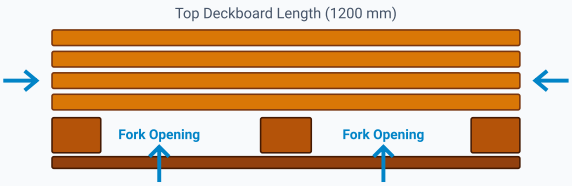


Figure 1: Block-Type Construction Enabling Full 4-Way Entry (Forklift & Pallet Jack)

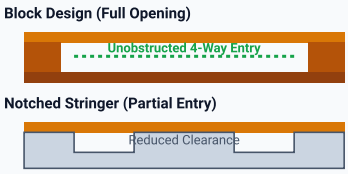


Figure 2: True Block Pallet Clearance vs. Standard Notched Stringer

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION LIMIT	STANDARD COMPLIANCE / NOTES
External Dimensions	1200 mm (L) × 1000 mm (W) × 144 mm (H)	ISO 6780 / EUR-2 Standard Footprint
Dynamic Load Capacity	1,500 kg (Uniformly Distributed Load)	Tested under continuous forklift transport
Static Load Capacity	4,500 kg (Floor Stacking UDL)	Bottom deck load distribution verified
Racking Load Capacity	1,000 kg (High-Bay Warehouse Beam Rack)	Without additional center support bars
Tare Weight	24.5 kg ± 5%	Kiln-dried hardwood construction
Phytosanitary Treatment	ISPM-15 Heat Treated (HT)	Stamped for global export compliance
Moisture Content	≤ 18% (Kiln Dried - KD)	Prevents mold growth & structural warp
Fastener Specification	Helical Threaded Nails (Flush Countersunk)	Resists nail pop-out under shear loads

DESIGN & ENGINEERING FEATURES

Universal 4-Way Entry Access

Solid block design allows unobstructed entry for both hand pallet jacks and powered forklifts from all 4 sides, maximizing warehouse handling efficiency.

ISPM-15 Export Certified

Heat-treated in accordance with international plant protection standards (ISPM-15), making it fully compliant for cross-border shipping without fumigation.

Chamfered Bottom Deckboards

Beveled edge lead-ins on bottom deckboards ensure smooth wheel entry and exit for manual pallet trucks without damaging pallet edges.

Automated Conveyor Compatible

Rigid perimeter bottom deck configuration provides consistent contact with roller and chain conveyors in automated storage and retrieval systems (ASRS).

COMPONENT DIMENSIONAL BREAKDOWN

COMPONENT ELEMENT	DIMENSIONS (L × W × H)	QUANTITY PER UNIT
Top Lead Deckboards	1000 mm × 145 mm × 22 mm	2 Boards (Front & Rear Edge)
Top Intermediate Boards	1000 mm × 100 mm × 22 mm	5 Boards (Evenly Spaced)
Solid Support Blocks	145 mm × 100 mm × 78 mm	9 Solid Blocks
Bottom Base Skids	1200 mm × 145 mm × 22 mm	3 Perimeter Bottom Boards