

QFM Racking Guidelines

Included below are the minimum and recommended specifications for racking. QFM rack positions see more turns and traffic than normal storage positions. Please follow the recommended specifications for system longevity.

	Minimum Requirements	Recommended Specifications
Overall Design		
	2,000 lb. Capacity	2,500 lb. Capacity
	2 deep with Structural Beams	Structural "Select Rack" (2 deep)
	1 High	1-7 High
Uprights		
Material	Steel	Structural Steel
Depth	Rear 36" / Front 42"	Both 42"
Width	N/A	4" (C4 Channel)
Reinforcement	N/A	Aisle Side Double Boxed Channel 96" from Floor
Floor Level Protection	N/A	Welded Bullnose Deflector at Floor Level
Height Adjustability	N/A	1" Vertical Adjustability
Upright to Upright Distance	9"	9"
Color	N/A	Color-Standard Blue (0000FF)
Beams		
Clear Bay (Distance between uprights)	96"	104"
Material	Use 3" structural beams (C3 channel) if no QFM is above; otherwise use 4" beams	4" Structural Beams (C4 Channel)
Top Beam	Beam Above Top Level QFM Required	Beam Above Top Level QFM Required
Bottom Beam	Must be wedge-anchored to the floor, attached to a bottom beam below the lowest QFM, or use an adapter	Must be wedge-anchored to the floor, attached to a bottom beam below the lowest QFM, or use an adapter
Minimum Opening Height	55"	
Recommended Opening Height		6" Taller Than Tallest Blast Pallet (For Example: Export chicken pallets are 68" with pallet & spacers between each layer. Recommended height would be a 74" opening.)
Maximum Opening Height	83"	
Pallet Support Spacing (BIPS Required)	29" between supports	29" between supports

Sample Views of Racking Recommendations

