

40ft AutoRack

Outline Specification

The 40ft AutoRacks are built to the following dimensions and tolerances. It is essential to see the drawings and the unit itself to establish shape of structure which cannot be described in words.

External Dimensions	mm	ft in
Width across corner fittings:	2438	8ft 0in
Height of posts with fittings fully raised:	3810	12ft 6in
Height of posts with fittings fully lowered:	2438	8ft 0in
Length at top corner fittings:	12202	40ft 0.4in
Length of base:	12192	40ft 0in
Height folded:	579	1ft 10.8in
Stack height:	folds 5 into 9ft 6in (2895mm)	

Internal Dimensions

Maximum vehicle height capacity 4 cars of height excluding tolerances and clearances	1955	6ft 5in
Maximum vehicle height with top deck lowered	3295	10ft 9.7in
Length above and below gates	12192	40ft 0in
Length between end gates	12070	39ft 7in
Top deck overall width	2438	8ft 0in
Bottom deck overall width between base flanges at 500 mm	2285	7ft 6in

Access

Door width excluding gate hinges	2108	6ft 11in
Door height for loading top deck	no limit	
Door height for loading bottom deck	2000	6ft 6.7in

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Weights

	kg	lbs
Tare weight (T):	6000	13220
Top deck payload:	6600	14550
Bottom deck payload:	6600	14550
Total payload (P):	13200	29090
Gross weight (R):	19200	42317

Handling

All lifting, stacking, racking and support are at the ISO 40ft positions through the corner fittings only. Fork lift handling empty can be done by top lift, side lift, or with special care under base.

Stacking per post at 40ft positions	9 high at 24 tonnes, 86,400kg/post
Racking Longitudinal	10T per side up to 10ft6in
Racking Longitudinal	7.5T per side at 12ft6in
Racking Transverse	15T per end up to 10ft6in
Racking Transverse	10T per end at 12ft6in

Typical lashing and interfacing

Handling fittings at 40ft	Top and bottom
Top apertures	135mm
Twistlocks	At 40ft stub posts
Gooseneck tunnel	At front end
Floor on top deck and base includes slotted apertures for webbing hooks	1000kg