



## Equipment Specifications



### FLATRACK



These specifications are a general description of units in the Florens fleet. Specifications vary with manufacturer and are subject to change. To view individual container dimensions, ratings and specification details, visit our website at [www.florens.com](http://www.florens.com) and select the Unit Specific button under Container Specifications.

Ratings	20' Flatrack	40' Flatrack
Maximum Gross Weight	34,000kg (74,950lb.)	45,000kg (99,212lb.)
Tare Weight	2,740 kg (6,040 lb.)	4,900kg (10,803lb.)
Payload	31,260kg (68,819lb.)	40,100kg (88,409lb.)
Concentrated load over center 2 meter span	20,000kg (44,094lb.)	25,400kg (56,000lb.)
<b>External Dimensions</b>		
Length	6,068 mm (19'-10")	12,202 mm (40'-0")
Width	2,438 mm (8'-0")	2,438 mm (8'-0")
Height	2,591 mm (8'-6")	2,591 mm (8'-6")
Collapsible height	370 mm (1'-2")	647 mm (2'-1")
<b>Internal Dimensions</b>		
Length (between end panels)	6,038 mm (19' - 9 7/10")	12,180 mm (39' - 11 5/10")
Length (between cornerposts)	5,612 mm (18' - 4 9/10")	11,776 mm (38' - 7 6/10")
Width (over bottom side rail)	2,210 mm (7' - 3")	2,380 mm (7' - 9 7/10")
Width (between cornerposts)	2,227 mm (7' - 3 7/10")	2,230 mm (7' - 3 8/10")
Height (side rail to top casting)	2,213 mm (7' - 3 1/10")	1,955 mm (6' - 5")
<b>Stacking</b>		
	7 high into 8'6" stack height	4 high into 8'6" stack height
<b>Fork Pocket Dimensions</b>		
Width	360 mm (1' - 2 2/10")	360 mm (1' - 2 2/10")
Height	120 mm (0' - 4 7/10")	120 mm (0' - 4 7/10")
Pitch	2,050-2,080 mm (6' - 8 7/10" - 6' - 9 9/10")	2,050-2,080 mm (6' - 8 7/10" - 6' - 9 9/10")
<b>Lashing &amp; Interfaces</b>		
Stanchions	5 sockets per side	6 sockets per side
Lashing bars	5 x 5000kg per side, 2 per end	8 x 5000kg per side, 2 per end
Goose neck tunnel	No	Yes
Chassis interface	Yes	Yes
Fork pockets	Yes	Yes
Grapple lift	Yes	Yes
Twist locks	30 deg. stainless steel snap ring detent	30 deg. stainless steel snap ring detent
Header locks	2 per end, automatic	2 per end, automatic
Corner locking	Hammer locked conical pin	Hammer locked conical pin
Counter balance spring	Single blade leaf spring	Coil spring
<b>Floor Assembly</b>		
Floorboards	35 mm x 106.5 mm softwood planks with 6 mm drainage/expansion gap.	45 mm x 200 mm softwood planks with 6 mm drainage/expansion gap.





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#### Materials

Cornerfittings:	Weldable cast steel JISSCW480 or equivalent
Main beam:	SM50A
Cornerposts:	SS400 for 20ft and GR43 for 40ft
Cross members:	Corten A for 20ft and SM50A for 40ft
End sills:	SS41
Forklift pockets:	SM50A
Stake pocket:	SS41
Hingeplates:	Combined material
Pivot pin:	SS AISI 303 or 316
Locking pin:	SS AISI 303 or 316
End wall panel:	Corten A
Lashing hoop:	SS490

#### Paint

Exterior:	<p>All paint thickness quoted refer to DFT</p> <p>One coat zinc rich primer to 30-35 microns (including shop primer).</p> <p>Zinc rich primer contains no less than 92% by mass when dry.</p> <p>One coat epoxy primer to 45 microns.</p> <p>One topcoat chlorinated rubber to 50 microns.</p>
Understructure:	<p>One coat zinc rich primer to 35 microns (including shop primer).</p> <p>One coat Tectyl 121B or equivalent to 200 microns.</p>

APPLICABLE STANDARDS & CERTIFICATION: ISO, CSC, TIR, UIC, TCT, ABS, BV, CCS, Lloyds & UIC regulations.

