

## **TEXTAINER FLAT RACKS**

Textainer's flat racks incorporate the most recent designs and manufacturing technology to provide a unit that is easy to load and operate. With the highest payload in the industry Textainer's flat racks are the ideal equipment to carry and ship out-of-gauge and heavy duty cargo.

### **Features**

52,500 kgs MGW capacity (40ft)

All flats are equipped with flush folding full width front walls and folding front frames.

Full width deck

Hinge mechanisms and design are "Domino" or "Seadek"

End frame locking and hinge pins have easily accessible lubrication points

All flats are equipped with lashing points and stanchion pockets throughout the length of the main rails and end frames

In-floor and chocking lashing set in the base assembly

45 mm super duty solid wood planks treated with ultrawood and augmented by a steel deck plate at each end.

Recess areas are provided in the end sills next to each corner casting

### **Benefits**

Provides additional payload

Can be easily folded to allow flat racks to be used as a platform or to be easily stacked for ease of storage and transportation

Allows greater cargo capacity

Worldwide standardization and availability of spare parts

Reduce maintenance costs

Allow for full lashing of cargo at multiple points

Recessed cross floor lashing zones and chocking slots provide increased cargo securement

Minimize floor damages by forklifts and rotting of floors

Prevent damage from twist lock pin heads due to misalignment when loading

## SPECIFICATIONS FOR 20FT AND 40FT FLAT RACKS

	<i>(20ft – 34 Ton)</i>	<i>(40ft – 45 Ton)</i>	<i>(40ft – 50 Ton)</i>	<i>(40ft – 52.5 Ton)</i>
<b><u>External Dimensions</u></b>				
Length	6,058 mm (19'-10 1/2")	12,192 mm (40'-0")	12,192 mm (40'-0")	12,192 mm (40'-0")
Width	2,438 mm ( 8'-0")	2,438 mm (8'-0")	2,438 mm (8'-0")	2,438 mm (8'-0")
Height	2,591 mm (8'-6")	2,591 mm (8'-6")	2,591 mm (8'-6")	2,591 mm (8'-6")
(Folded) Height	370 mm (14 1/2")	641 mm (25 1/4")	641 mm (25 1/4")	648 mm (25 1/2")
<b><u>Internal Dimensions</u></b>				
Length (side access)	5,613 mm (18'-4 15/16")	11,762 mm (38'-7 1/16")	11,648 mm (38'-2 2/16")	11,652 mm (38'-2 7/16")
Width (deck)	2,218 mm (7'-3 3/8")	2,378 mm (7'-9 5/8")	2,378 mm (7'-9 5/8")	2,374 mm (7'-9 3/8")
Height	2,213 mm (7'-3 1/8")	1,960 mm (6'-5 3/16")	1,960 mm (6'-5 3/16")	1,960 mm (6'-5 3/16")
<b><u>Ratings</u></b>				
Maximum Gross Weight	34,000 kgs (74,950 lbs)	45,000 kgs (99,207 lbs)	50,000 kgs (110,230 lbs)	52,500 kgs (115,742 lbs)
Tare Weight	2,740 kgs (6,040 lbs)	4,795 kgs (10,570 lbs)	5,000 kgs (11,023 lbs)	5,050 kgs (11,133 lbs)
Payload	31,260 kgs (68,860 lbs)	40,205 kgs (88,627 lbs)	45,000 kgs (99,207 lbs)	47,450 kgs (104,609 lbs)
Concentrated load over center 2 meter	20,000 kgs (44,090 lbs)	25,400 kgs (55,997 lbs)	30,000 kgs (66,138 lbs)	30,000 kgs (66,138 lbs)
<b><u>Test Loads</u></b>				
Stacking	86,400 kgs (190,447 lbs)	86,400 kgs (190,447 lbs)	86,400 kgs (190,447 lbs)	97,200 kgs (214,286 lbs)
Transverse Racking	15,240 kgs (33,600 lbs)	15,240 kgs (33,600 lbs)	15,240 kgs (33,600 lbs)	15,240 kgs (33,600 lbs)
Longitudinal Racking	7,620 kgs (16,800 lbs)	7,620 kgs (16,800 lbs)	7,620 kgs (16,800 lbs)	7,620 kgs (16,800 lbs)
Floor Strength	7,260 kgs (16,000 lbs)	7,260 kgs (16,000 lbs)	7,260 kgs (16,000 lbs)	7,260 kgs (16,000 lbs)
Lashing Points	5,000 kgs (11,025 lbs)	5,000 kgs (11,025 lbs)	5,000 kgs (11,025 lbs)	5,000 kgs (11,025 lbs)
<b><u>Design Type</u></b>	Domino or Seadek	Domino or Seadek	Domino or Seadek	Domino or Seadek

### **Handling**

**2L** - Seven (7) empty units can be stacked into a 20'X8'-6" module.

**4L** - Four (4) empty units can be stacked into a 40'X8'-6" module for all 40ft flats.