20ft DRY CONTAINERS

Internal Dimension		
Length	5,897 mm	19 ft 4.17 in
Width	2,348 mm	7 ft 8.44 in
Height	2,390 mm	7 ft 9.90 in
Door Opening		
Width	2,336 mm	7 ft 8.01 in
Height	2,280 mm	7 ft 5.45 in
Weight		
Max Gross	30,480 kg	67,200 lb
Tare	2,240 kg	4,940 lb
Max Payload	28,240 kg	62,260 lb
Load Capacity		
	33.0 cubic meters	1,169 cubic feet

Flooring Materials

- **Wood (Plywood)**

Moderate performance in sustainability and resilience
Adequate coefficient of friction, important for cargoes securing

- **Plastic**

Environmentally friendly designed flooring type
Developed as alternatives to hardwood

• Above data could vary with container series

40ft DRY CONTAINERS

Internal Dimension		
Length	12,031 mm	39 ft 5.66 in
Width	2,348 mm	7 ft 8.44 in
Height	2,390 mm	7 ft 9.90 in
Door Opening		
Width	2,336 mm	7 ft 8.01 in
Height	2,280 mm	7 ft 5.45 in
Weight		
Max Gross	32,500 kg (30,480 kg)	71,650 lb (67,200 lb)
Tare	3,750 kg (3,770 kg)	8,270 lb (8,310 lb)
Max Payload	28,750 kg (26,710 kg)	63,380 lb (58,890 lb)
Load Capacity		
	68.0 cubic meters(67.4)	2,385 cubic feet(2,379)

Gooseneck Tunnel

Centrally located in recess of the container understructure
(40ft, 40ft HC, 45ft HC, 40ft RF, 40ft FR)
Servers in centering the container on a gooseneck chassis

- Above data could vary with container series

40ft HIGH CUBE DRY CONTAINERS

Internal Dimension		
Length	12,031 mm	39 ft 5.66 in
Width	2,348 mm	7 ft 8.44 in
Height	2,695 mm	8 ft 10.12 in
Door Opening		
Width	2,336 mm	7 ft 8.01 in
Height	2,585 mm	8 ft 5.75 in
Weight		
Max Gross	32,500 kg (30,480 kg)	71,650 lb (67,200 lb)
Tare	3,940 kg (3,990 kg)	8,690 lb (8,880 lb)
Max Payload	28,560 kg (26,490 kg)	62,960 lb (58,400 lb)
Load Capacity		
	76.0 cubic meters	2,689 cubic feet(2,684)


Outside


Inside

Ventilator

Prevent condensation within the container
Allow air to circulate from in/out of the container

- Above data could vary with container series

45ft HIGH CUBE DRY CONTAINERS

Internal Dimension		
Length	13,555 mm	44 ft 5.68 in
Width	2,348 mm	7 ft 8.44 in
Height	2,695 mm	8 ft 10.12 in
Door Opening		
Width	2,336 mm	7 ft 8.01 in
Height	2,585 mm	8 ft 5.75 in
Weight		
Max Gross	32,500 kg (30,480 kg)	71,650 lb (67,200 lb)
Tare	4,880 kg	10,760 lb
Max Payload	27,620 kg (25,600 kg)	60,890 lb (56,440 lb)
Load Capacity		
	86 cubic meters	3,031 cubic feet

Corrugated steel panel

Folded into a series of small parallel folds
Designed to withstand the force of payload and protect cargoes from impact on the container

- Above data could vary with container series

20ft STEEL REEFER CONTAINERS

Internal Dimension		
Length	5,458 mm	17 ft 10.76 in
Width	2,290 mm	7 ft 6.16 in
Height	2,262 mm	7 ft 5.06 in
Door Opening		
Width	2,290 mm	7 ft 6.16 in
Height	2,267 mm	7 ft 5.10 in
Weight		
Max Gross	30,480 kg (24,000 kg)	67,200 lb (52,910 lb)
Tare	3,120 kg (2,960 kg)	6,880 lb (6,530 lb)
Max Payload	27,360 kg (21,040 kg)	60,320 lb (46,380 lb)
Load Capacity		
	28.0 cubic meters	1,000 cubic feet

Refrigerated Containers

Controlling specific temperature to maintain its cargo condition
Available temperature range: Minus 27℃ ~ Plus 25℃
CA(Controlled Atmosphere) containers : for transporting fresh vegetables
Using eco-friendly refrigerant only

• Above data could vary with container series

40ft HIGH CUBE STEEL REEFER

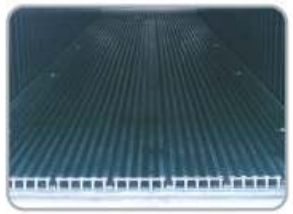
Internal Dimension		
Length	11,587 mm	38 ft 0.29 in
Width	2,290 mm	7 ft 6.16 in
Height	2,539 mm 2,527 mm	8 ft 4.00 in 8 ft 3.49 in
Door Opening		
Width	2,290 mm	7 ft 6.16 in
Height	2,572 mm 2,493 mm	8 ft 5.40 in 8 ft 2.10 in
Weight		
Max Gross	34,000 kg (30,480 kg) 32,500 kg (30,480 kg)	74,960 lb (67,200 lb) 71,650 lb (67,200 lb)
Tare	4,700 kg (4,800 kg) 4,110 kg	10,360 lb (10,580 lb) 9,060 lb
Max Payload	29,300 kg (25,680 kg) 28,390 kg (26,370 kg)	74,960 lb (56,620 lb) 62,590 lb (58,140 lb)
Load Capacity		
	67.0 cubic meters	2,378 cubic feet 2,367 cubic feet

40ft HIGH CUBE ALUM REEFER

※Highlighted In Red : Alumium Reefer Containers.

■ Special inside structure for efficient airflow

Inside Wall : Corrugation



Inside floor : T-Board

• Above data could vary with container series

Checkpoints when loading the cargo into reefer containers

- The goods should be pre-cooled at required temperature
- The goods must be stowed below the red load limit line for essential air-circulation
- Locking Bars should be inserted in Cam Retainer properly.
- The shorter stuffing operation, the less chances to loose cooled-air

20ft OPEN TOP CONTAINERS

Internal Dimension		
Length	5,893 mm	19 ft 4.21 in
Width	2,346 mm	7 ft 8.36 in
Height	2,384 mm	7 ft 9.74 in
Door Opening		
Width	2,338 mm	7 ft 8.05 in
Height	2,244 mm	7 ft 4.35 in
Weight		
Max Gross	30,480 kg (24,000 kg)	67,200 lb (52,910 lb)
Tare	2,320 kg (2,450 kg)	5,120 lb (5,400 lb)
Max Payload	28,160 kg (21,550 kg)	62,080 lb (47,510 lb)
Load Capacity		
	33 cubic meters	1,155 cubic feet

Open Top Container

The roof consists of removable bows and a removable tarpaulin
The door header can be swiveled out
Easy to pack and unpack the container from above or through the door by crane when the roof is open and the door header is swiveled out

- Above data could vary with container series

Inside

40ft OPEN TOP CONTAINERS

Internal Dimension		
Length	12,032 mm	39 ft 5.31 in
Width	2,346 mm	7 ft 8.36 in
Height	2,381 mm	7 ft 9.74 in
Door Opening		
Width	2,338 mm	7 ft 8.05 in
Height	2,244 mm	7 ft 4.35 in
Weight		
Max Gross	30,480 kg	67,200 lb
Tare	4,120 kg	9,080 lb
Max Payload	26,360 kg	58,120 lb
Load Capacity		
	66 cubic meters	2,346 cubic feet

Open Top Container

The roof consists of removable bows and a removable tarpaulin
The door header can be swiveled out
Easy to pack and unpack the container from above or through the door by crane when the roof is open and the door header is swiveled out

■ Tapaulin, Roof Bow, Wire

• Above data could vary with container series

SLIDING OPEN TOP CONTAINERS

External Dimension		
Length	6,058 mm +0, −6	19 ft 10 1/2 in +0, −1/4
Width	2,438 mm +0, −5	8 ft 0 in +0, −3/16
Height	2,591 mm +0, −5	8 ft 6 in +0, −3/16
Internal Dimension		
Length	5,893 mm	19 ft 4 in
Width	2,346 mm	7 ft 8 3/8 in
Height (Under top)	2,124 mm	6 ft 11 5/8 in
Door Opening		
Width	2,336 mm	7 ft 7 15/16 in
Height	2,280 mm	7 ft 5 3/4 in
Roof Opening		
Width Between Top Side Rails	2,228 mm	7 ft 3 11/16 in
Clearance Between Stubs When Header Removed	1,868 mm	6 ft 1 1/2 in
Length Between Headers	5,719 mm	18 ft 9 1/8 in
Length Between Troughs	5,423 mm	17 ft 9 1/2 in
Weight		
Max Gross	30,480 kgs	67,200 lbs
Tare	2,340 kgs	5,160 lbs
Max Payload	28,140 kgs	62,040 lbs
Load Capacity		
	32.6 cubic meters	1,153 cubic feet

• Above data could vary with container series

SLIDING OPEN TOP CONTAINERS

■ Operation Procedure


Step 1


Step 2


Step 3


Step 4

Step 5


Step 6


Step 7

Step 8

Step 9

Step 10

Sliding Open Top

Newly designed open top container with introducing the sliding mechanism on the opening and closing of the roof
The roof can slide back and forth without removing the bows and tarpaulin


■ ROOF BOW


■ Inside

20ft FLAT RACK CONTAINERS

Internal Dimension		
Length	5,958 mm	19 ft 4.17 in
Width	2,018 mm	6 ft 7.45 in
Height	2,077 mm	6 ft 9.77 in
Door Opening		
Width	-	-
Height	-	-
Weight		
Max Gross	30,480 kg	67,200 lb
Tare	2,720 kg	6,000 lb
Max Payload	27,760 kg	62,120 lb
Load Capacity		
	25 cubic meters	882 cubic feet

Flat rack

Mainly used to transport heavy-lifts, over-height, or over-width cargoes

- Above data could vary with container series

40ft FLAT RACK CONTAINERS

Internal Dimension		
Length	11,986 mm	39 ft 3.89 in
Width	2,236 mm	7 ft 4.03 in
Height	1,968 mm	6 ft 5.48 in
Door Opening		
Width	•	•
Height	•	•
Weight		
Max Gross	45,000 kg	99,210 lb
Tare	5,980 kg	13,180 lb
Max Payload	39,020 kg	86,030 lb
Load Capacity		
	53 cubic meters	1,862 cubic feet

Flat rack

Mainly used to transport heavy-lifts, over-height or over-width cargoes

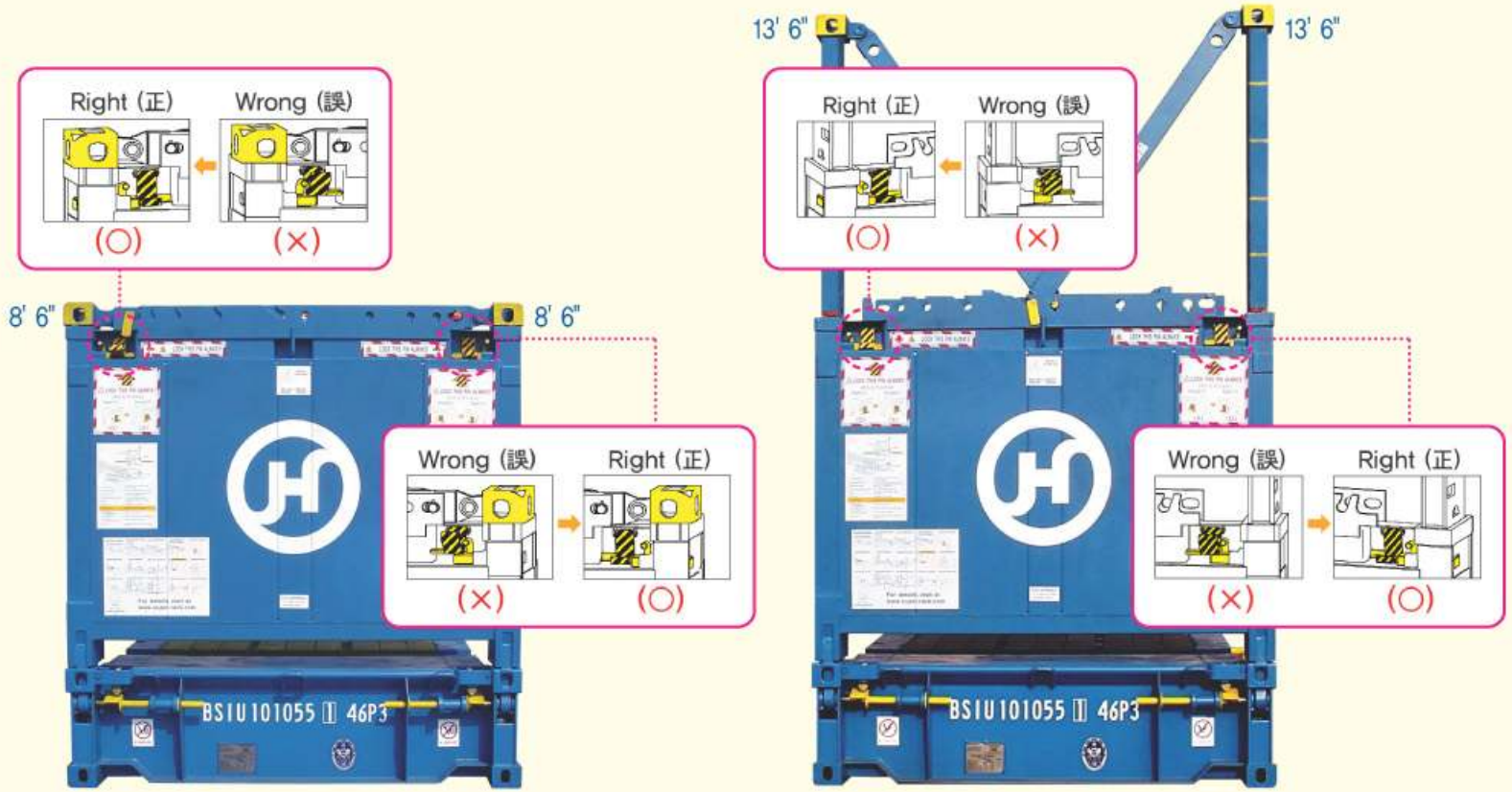
• Above data could vary with container series

SUPER RACK CONTAINERS

Innovated solution in carrying over-dimension cargoes
Height adjustable flat rack container, with extendable corner posts that reach 13 feet 6 inches, 5 feet taller than those of a normal flat rack
5 holes in each post, 1 foot apart, can be adjusted depending on the cargo height

Lock! Post Locking Pin

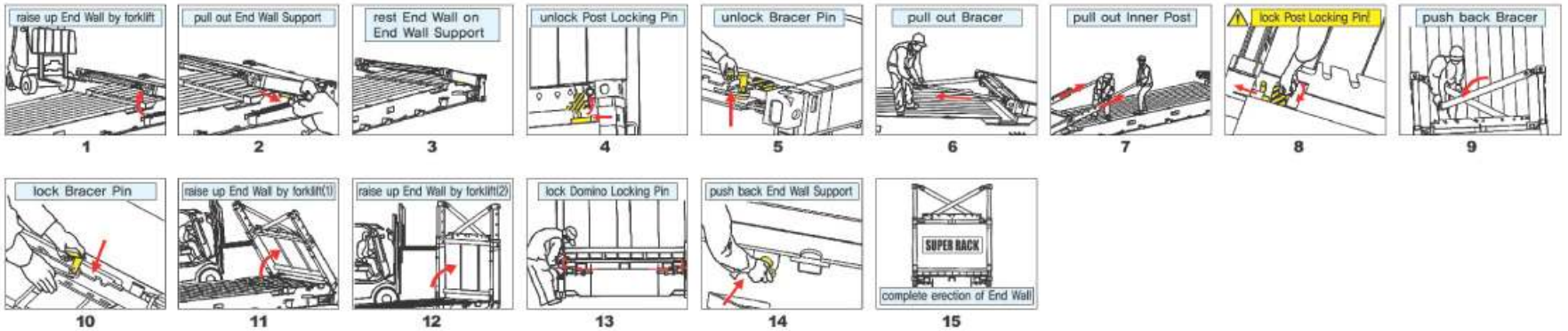
※ **WARNING** : Lock! Post Locking Pin



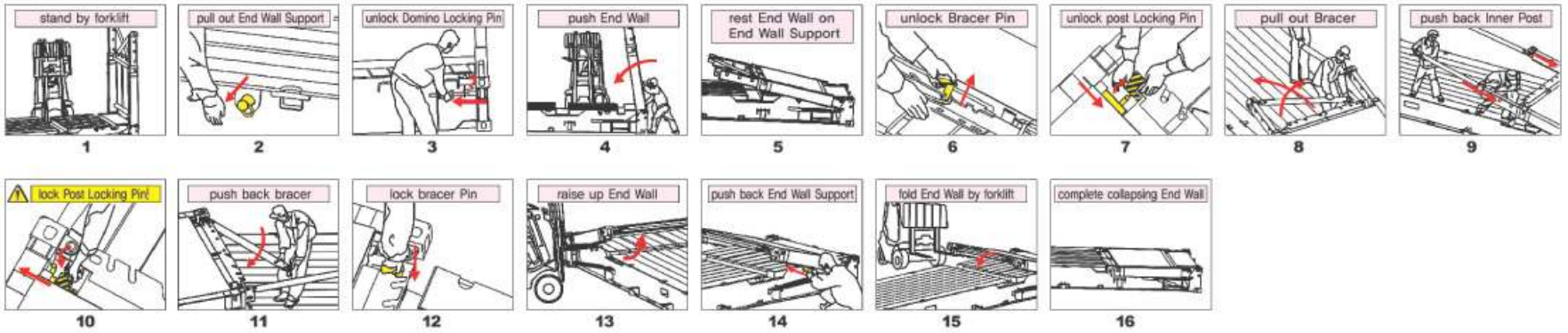
SUPER RACK CONTAINERS

Operation Manual

■ ERECTING END WALL



■ COLLAPSING END WALL



SUPER RACK CONTAINERS

Specification

External Dimension		Internal Dimension	
Length (L.O.A)	12,192 mm	Length Between End Panels	12,176 mm
		Length Between Corner Posts	11,615 mm
Width	2,438mm	Platform Width	2,374 mm
Height (without extension)	2,591mm	Height (without extension)	1,954 mm
Height (max extension)	4,115 mm	Height (max extension)	3,478 mm

Height Extension Table

Steps	External Dimension		Internal Dimension	
Without Extension	8' 6"	(2,591 mm)	6' 6"	(1,954 mm)
1st Step	9' 6"	(2,896 mm)	7' 6"	(2,259 mm)
2nd Step	10' 6"	(3,201 mm)	8' 6"	(2,564 mm)
3rd Step	11' 6"	(3,505 mm)	9' 6"	(2,868 mm)
4th Step	12' 6"	(3,810 mm)	10' 6"	(3,173 mm)
5th Step	13' 6"	(4,115 mm)	11' 6"	(3,478 mm)

Weight and Others

Tare Weight	5,600 kg	Stack Weight	225 tons at 5 high 216 tons at 9 high
Payload	39,400 kg		
Gross Weight	45,000 kg	Folded Height	637 m (to fold 4 units into 2,591 mm)
Certification	CSC, TCT, UIC	Counterbalance Device	One set of Hydraulic Cushioning Cylinder