

FLORA

UNIT45

INTERMODAL INNOVATORS



45FT PALLETWIDE REFRIGERATED FLORI-CULTURAL CONTAINERS

For those who require something special, UNIT45 develops container designs perfectly tailored to customer needs. A classic example of UNIT45's skills is the 45ft diesel-electric palletwide refrigerated container developed for Flora Holland and available to customers Europe-wide.

For Flora Holland, the unit is 3.08m in height, enabling it to accommodate the special roll cages that it uses to transport flowers and plants (CC).

However, it can also be built to the standard 45ft high-cube height or 2.95m height.

Flora Holland has proven the effectiveness of UNIT45's diesel-electric reefer containers, both its own 3.08m high units and 2.95m high boxes from UNIT45's leasing division, in rail operations between the Netherlands and other European countries including Italy, Hungary, Romania, Poland and Switzerland. While the initial focus was on plants, flowers and other fresh products are now being carried.

Using scheduled block trains, transit times have been fast and punctual while the diesel-powered refrigeration systems have performed reliably. This period of time is more than adequate for rail movements from Holland to Southern Europe.

An optional extra selected by Flora Holland is a GPS/GPRS system, providing real-time information on the container's location and temperature conditions.

Using a gooseneck trailer for road transport and low platform wagons for rail movements, the 3.08m high container meets the legal requirements of the relevant road and rail authorities.

It is also suitable for transport by sea on ro-ro and lo-lo vessels when it can utilise standard shipboard reefer plugs as a power source.

FLORA UNIT SPECIFICATIONS

DIESEL-ELECTRIC REFRIGERATED CONTAINER 2.60 WIDE - 2.95 HIGH

external dimensions	internal dimensions	door opening
length: 13716 mm	length: 13290 mm	door width: 2494 mm
width: 2600 mm	width: 2498 mm	door height: 2594 mm
height: 2950 mm	height: 2629 mm	
capacity		
87.2 m ³	europallet (1200mm x 800mm) 33	
	CC 43	
ratings		
max. gross weight: 34000 kgs	tare weight: 7240 kgs	
max. payload: 26760 kgs	(incl. cooling unit and full fuel tank)	
	capacity fuel tank: 250 ltr	

DIESEL-ELECTRIC REFRIGERATED CONTAINER 2.60 WIDE - 3.08 HIGH

external dimensions	internal dimensions	door opening
length: 13716 mm	length: 13290 mm	door width: 2494 mm
width: 2600 mm	width: 2498 mm	door height: 2724 mm
height: 3080 mm	height: 2759 mm	
capacity		
91 m ³	europallet (1200mm x 800mm) 33	
	CC 43	
ratings		
max. gross weight: 34000 kgs	tare weight: 7340 kgs	
max. payload: 26660 kgs	(incl. cooling unit and full fuel tank)	
	capacity fuel tank: 320 ltr	

ALL ELECTRIC REFRIGERATED CONTAINER 2.60 WIDE - 2.95 HIGH

external dimensions	internal dimensions	door opening
length: 13716 mm	length: 13259 mm	door width: 2494 mm
width: 2600 mm	width: 2498 mm	door height: 2594 mm
height: 2950 mm	height: 2629 mm	
capacity		
87 m ³	europallet (1200mm x 800mm) 33	
	CC 43	
ratings		
max. gross weight: 34000 kgs	tare weight incl. cooling unit: 6615 kgs	
max. payload: 27385 kgs		

- OPTIONAL ADVANCED TRACK & TRACE SYSTEM
- LONG DISTANCE TEMPERATURE CONTROL
- EQUIPPED WITH 4 CARGO SAFETY BARS