

REEFER D-E LIGHTWEIGHT UNIT45

INTERMODAL INNOVATORS



45FT PALLETWIDE LIGHTWEIGHT DIESEL-ELECTRIC REFRIGERATED CONTAINERS

UNIT45 has recently developed a new aluminum diesel-electric reefer container primarily intended for use in multimodal operations where rail is featured. The cost of moving temperature-controlled cargoes over long distances by road is ever rising but rail is rarely an alternative since very few train operators can provide a reliable power supply for all-electric reefer containers.

This diesel-electric reefer container built from aluminium, shows around 1200 kg less in weight compared to the standard diesel-electric reefer. Less tare weight means a direct increase in maximum payload giving multimodal operators a huge advantage.

This container is suitable for rail as well as road transport, ro-ro vessels and inland waterway barges.

On road this container combined with a lightweight chassis gives operators more flexibility, due to fact that it is not heavier than a trailer, using its total weight to the utmost. Using this lightweight reefer container in combination with rail, the maximum weight combined transport of 44.000 kg, giving multimodal operators the advantage to load 4000 kg more compared to road transport.

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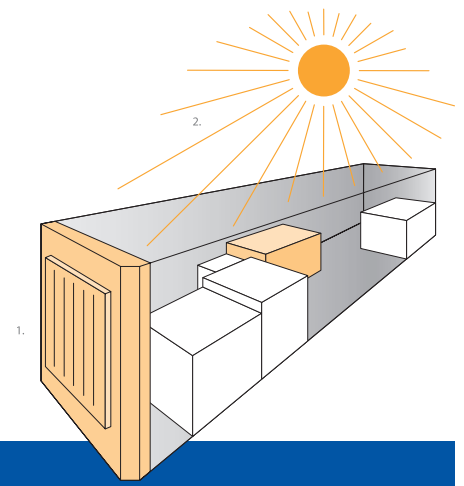
The diesel-electric power unit used by UNIT45 incorporates a 250-liter diesel tank. This is more than sufficient for long haul rail operations such as Rotterdam to Italy, Spain or Eastern Europe.

To provide its customers with additional revenue generating possibilities, UNIT45 offers also two special versions of its diesel-electric reefer container: a double-stack container and a dual-compartment reefer.

This reefer is also available as a triple compartment version.

REEFER UNIT SPECIFICATIONS

1. built-in refrigeration system that saves cargo space
2. energy-saving technology guarantees maximum refrigeration capacity



DIESEL-ELECTRIC REFRIGERATED CONTAINER

external dimensions

length: 13716 mm
width: 2556 mm
height: 2896 mm

internal dimensions

length: 13270 mm
width: 2438 mm
height: 2575 mm

door opening

door width: 2446 mm
door height: 2543 mm

capacity

83,3 m ³	europallet (1200mm x 800mm)	33
	iso pallet (1200mm x 1000mm)	26

ratings

max. gross weight: 34000 kgs
tare weight: 5740 kgs
(incl. cooling unit and full fuel tank)

max. payload: 28260 kgs
capacity fuel tank: 250 ltr

- AVAILABLE AS DUAL/TRIPLE COMPARTMENT REEFER
- OPTIONAL ADVANCED TRACK & TRACE SYSTEM
- LESS WEIGHT, MORE PAYLOAD
- OPTIONAL DOUBLE STACK
- HONEYWELL LBA INSULATION