



VIKING TRAILERS INTERNATIONAL FZCO DUBAI, U.A.E.

TRIPLE DECK CONTAINER STORAGE



APPLICATION

When containers are dispersed around an airport they can be an untidy feature and unsecured. They are subject to the unpredictable wind conditions of an open airport environment. This is a hazard which endangers not only aircraft but also airport personnel with potentially disastrous consequences.

Storage space is becoming even more at a premium and maximum use must be made of every square meter.

As a solution to these problems Viking designed a container storage system which maximizes your storage space and keeps containers safely under control.

Designed to accept and securely retain LD1 and LD3 containers as standard, LD2 and AKH containers can also be accommodated. 96 type LD3 containers for example can now be stored on a footprint of 10.6m x 15m (as illustrated).

The system can be modified to accept most other types of container if specified at the design stage, and the footprint shape can be altered to suit available space in most instances.

Modular design allows the storage area to be extended as required or with an airport environment which is ever changing to meet the needs of expansion with resultant alteration to apron layouts, the whole system is capable of being dismantled and relocated.

Everything has been designed to provide a simple, safe and speedy operation by one man.

SPECIFICATION

DIMENSIONS: (Typical format, as illustrated)

Storage Area:	Frontage	10.6m
	Depth	15m
	Height	5.8m*

* Allow 6.5m total working height including headroom for Level 3. Headroom on Level 1 and Level 2 is 1.9m (6'3").

DECK

Ball mat surface at the entry to each storage lane allows one man to maneuver the containers quickly and safely. The storage area throughout each deck is fitted with standard rollers and walkways.

Facilities are built in to retain the containers in their stored position.

ACCESS

An electro hydraulic elevator, sited alongside the storage area provides simple access to Level 2 and Level 3.

SAFETY

A low voltage control system is standard. This also provides lighting. Automatic gate locks provide added safety. An access staircase is supplemented by an emergency escape ladder. A crash barrier surround at ground level can also be provided as an optional extra.

FINISH

All steelwork is galvanized to ISO 1461.

INSTALLATION

The system is fully installed and commissioned by Viking Engineers.