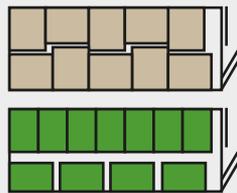


Using Pallets and Europallets in Containers

STANDARD 20' CONTAINER

10
STANDARD PALLETS

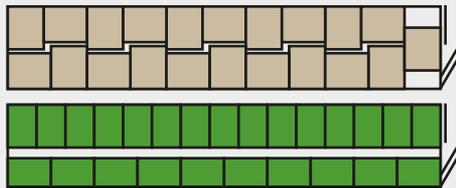
11
EUROPALLETS



STANDARD 40' CONTAINER

21
STANDARD PALLETS

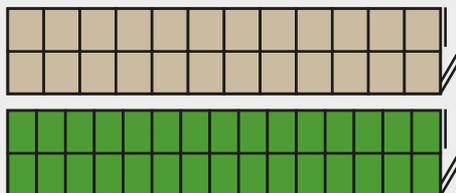
25
EUROPALLETS



PALLETWIDE 40' CONTAINER

24
STANDARD PALLETS

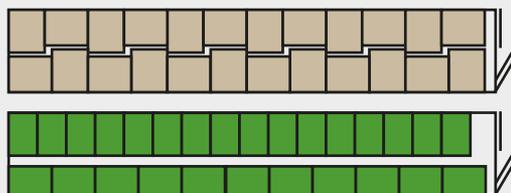
30
EUROPALLETS



STANDARD 45' CONTAINER

24
STANDARD PALLETS

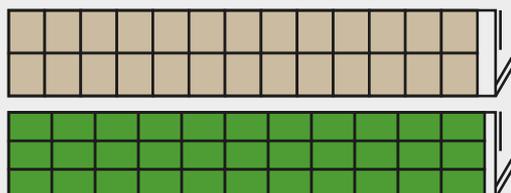
27
EUROPALLETS



PALLETWIDE 45' CONTAINER

26
STANDARD PALLETS

33
EUROPALLETS



MEASUREMENTS

In general, a 20' container has a maximum capacity of 28-30 m³, compared to a 40' container, which has a maximum capacity of 56-60 m³. The actual internal load capacity of a container depends not only on the dimensions of the palletised cardboard boxes, but also on other factors such as the packaging material used and the experience and efficiency of the loading personnel.

WEIGHT

In addition to the load measurements, the (container) filling plan must take into account the weight of the load. It is important to bear in mind that in many countries the weight limit allowed for road and rail transport is less than the maximum weight that a container can carry.

USE

Palletisation is very common in some countries to increase the efficiency of load handling. When using pallets, it is important to pay attention to the following considerations: there are two main types of pallets, "Europallets" and standard pallets. A single "Europallet" measures 800 x 1200 mm and a single standard pallet measures 1000 x 1200 mm.

11 "Europallets" per row fit in a 20' container, or 9-11 standard pallets per row; whilst 23-24 "Europallets" fit per row in a 40' container or 20-21 standard pallets per row.

- > Wooden pallets must be sufficiently strong to withstand being stacked three rows high.
- > Cardboard boxes must not overhang the corners of the pallets. Otherwise, boxes that occupy less than 90% of the pallet surface area that are not aligned with the corners of the pallet may move during transit.

In some cases, pallets are replaced by slipsheets to save space. Some loaders do not use pallets or slipsheets in order to maximise the load capacity of the containers.