

Pallet Information and Calculation for Exporters

ISO pallets

The International Organization for Standardization (ISO) sanctions six pallet dimensions, detailed in *ISO Standard 6780: Flat pallets for intercontinental materials handling—Principal dimensions and tolerances*:

Dimensions, mm (W × L)	Dimensions, in (W × L)	Wasted floor, ISO container	Region most used in
1016 × 1219	40.00 × 48.00	3.7% (20 pallets in 40 ft ISO)	North America
1000 × 1200	39.37 × 47.24	6.7%	Europe, Asia; similar to 40" × 48".
800 × 1200	31.50 × 47.24	15.2%	Europe; fits many doorways

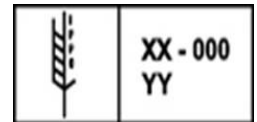
Ask Your Pallet Supplier for "Heat Treated Export Pallets" if shipped to overseas:

Pallet owners/exporters need to prove that their pallets comply with phyto-sanitary standards and that they bear the internationally recognized mark. Meeting the standards involves rigorous inspections of quality procedures and records. Non-compliance, however, can lead to large fines. Pallets meeting the standard should have the following stamp (shown on right):

- The Heat Treatment stamp should be visible on each pallet, and contain the IPPC logo and unique registration no.
- The Treatment code (as appropriate)

A second option is to purchase pallets made from something besides wood. However, those options are more expensive, and in the export market, where pallets are rarely returned, are generally not cost effective.

For more information, [visit the USDA website on Wood Packaging Material \(WPM\)](#).



Online calculator for Pallet & Sea Container Capacity:

http://www.raymondhandlingsolutions.com/calculate_how_many_boxes_fit_in_a_sea_container.html

Frequently Asked Questions: (Source: <http://www.siniyco.com/faq.html>)

Types of pallets

There are various types of pallets. The common ones are "Europallets" and standard pallets. The size of "Europallets" is 800mm x 1,200mm or 31.50" X 47.24" while the size of standard pallets is 1,000mm X 1,200mm or 39.37" X 47.24".

How many boxes fit in a 20' container

Approximately 700-1000 handable cartons (boxes). Box dimensions and stuffing plan may change total number of boxes loaded.

How many boxes fit in a 40' container (High Cube)

Approximately 1200-1400 handable cartons (boxes).

How many pallets fit into a 20' or 40' container?

A 20'ft container can hold eleven "Europallets" in one tier or nine to ten standard pallets in one tier while a 40' container can hold 23-24 "Europallets" in one tier or 20-21 standard pallets in one tier.

Box count may vary

Loading numbers are approximate estimates as some boxes size vary.

20 Ft. Container



9 - 10 Standard Pallets 1000 x 1200



11 Europallets 800 x 1200
* Millimeters

40 Ft. Container



20 to 21 Standard Pallets 1000 x 1200



23 to 24 Europallets 800 x 1200
* Millimeters