



Weight and measures

Road Transport

REV2 / 2023.03.15 / SAAN-ROHO

Conversion factors

Geographical area	1 load metre (LDM)	1 cubic metre (CBM)	EUR pallet (120 x 80)	Conversion
The Continent	1850 kg	333 kg	740 kg	1 ldm = 5,5 cbm
UK/Ireland	2000 kg	333 kg	800 kg	1 ldm = 6,0 cbm
Norway, Sweden, Finland	2000 kg	333 kg	800 kg	1 ldm = 6,0 cbm
Denmark domestic	1500 kg	250 kg	600 kg	1 ldm = 6,0 cbm

Rounding up

LDM:	Invoicing per 0.1 LDM or fraction thereof	CBM:	Invoicing per 0.1 CBM or fraction thereof
PLL:	Invoicing per pallet (1 EUR pallet = 0.4 LDM)	KG:	Invoicing per 100 kg or fraction thereof

Groupage

Groupage is typically delivered to terminal and channelled via separate distribution system.
 Definition: 1-3 EUR pallets / 1,2 LDM

Maximum height varies from country to country:
NO/SE/FI: 220 cm*
The Continent: 220 cm
UK/Ireland: 220 cm

* Quarter pallets & half pallets to Sweden only 150 cm

LDM calculation

EUR pallet: 1.20 m x 0.80 m = 0.4 ldm
Industrial pallet: 1.20 m x 1.00 m = 0.5 ldm
Half pallet: 0.80 m x 0.60 m = 0.2 ldm

Basis of calculation: (Length x Width)/2.4
 One of the dimensions to be rounded up to **0.80 m, 1.20 m, 1.60 m or 2.40 m**

Example 1: 1.10 m x 1.00 m converts to (1.20 m x 1.00 m)/2.4 = 0.50
 Freight payable: 0.50 ldm
Example 2: 1.85 m x 1.40 m converts to (1.85 m x 1.60 m)/2.4 = 1.22
 Freight payable: 1.30 ldm
Example 3: 1.85 m x 1.70 m converts to (2.40 m x 1.70 m)/2.4 = 1.70
 Freight payable: 1.70 ldm

Load metre conversion is subject to one of the below conditions being fulfilled:

- > If stacking other goods on top of the goods is not possible/allowed
- > If the goods are lopsided or conical
- > If the height of the goods exceeds 130 cm
- > If the height and weight of one or more items exceed 240 cm and 30 kg respectively
- > If one or more items, due to its/their nature (heavy at the top, heavy weight etc.), require fastening and securing on to both sides of the truck/trailer, freight will be charged by ldm (full length of the item and full breadth of the truck/trailer)

