

Volumetric Calculator

Different mode of transportation requires a different weight/volume calculation due to its different capacity availability.

Volume ratio

Ocean freight: 1:1 = 1cbm equals 1000.-kg
Road freight: 1:3 = 1cbm equals 333.-kg
Airfreight: 1:6 = 1cbm equals 166,67kg

Shipping details (example):

Number of pieces: 2
Dimensions: 1,20m x 0,80m x 1,20m (each)
Weight: 500.-kg T

Example for airfreight

2 x 1,20m x 0,80m x 1,20m equals 2,304cbm
2,304cbm x 166,67 = 384.-kg volume weight

In this case, the actual weight of 500.-kg is higher than the volume weight.

Example for ocean freight

2 x 1,20m x 0,80m x 1,20m equals 2,304cbm
2,304cbm x 1000 = 2304.-kg volume weight

In this case, the volume weight of 2'304.-kg is higher than the actual weight.

Example for road freight

2 x 1,20m x 0,80m x 1,20m equals 2,304cbm
2,304cbm x 333 = 768.-kg volume weight

In this case, the volume weight of 768.-kg is higher than the actual weight.