

# Weight & Volume Conversion

When sending a package by post, most of us would remember taking it to a Post Office where it would be weighed. This is referred to as a 'dead weight' charge, where the weight of the item determines how much you pay.

When shipping commercial freight things are very different. How much you eventually pay for shipping is calculated by the volume the space a package takes up on a truck, container, plane etc.

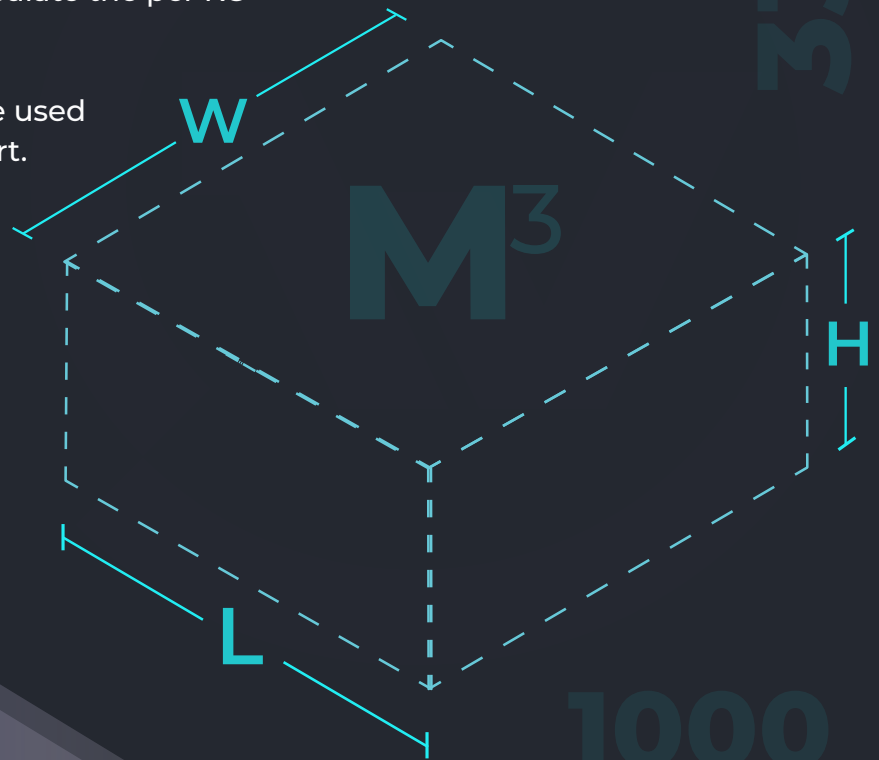
To determine the volume of a package, the dimensions [Length (L) x Width (W) x Height (H)] are multiplied together.

Once the volume is calculated, a cubic weight conversion factor is applied to accurately determine the cubic/dimensional weight of the package.

Whichever is the greater of the two (dead weight or cubic weight) is used to calculate the per KG shipping rate.

Different conversion values are used based on the mode of transport.

Air freight: 167  
Express freight: 250  
International Courier: 200  
General Freight: 333  
Sea Freight: 1000



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(H) 0.8m x (W) 0.5m x (L) 0.15m x 250 = 15kg

167

200

250

DWT

Volumetric

333

1000