

How to use the Vega CO2 Calculator

Introduction

Vega purchases sufficient carbon offsets to ensure all the operational greenhouse gas emissions produced from running our business have been calculated and offset. We have also commissioned the Carbon Reduction Institute (CRI) to construct this greenhouse gas emissions calculator so that our customers can, for a small extra charge, make their job carbon neutral by covering the balance of emissions generated by processes outside of our business.

The various inputs required by the calculator are described below.

Quantity and Size

The quantity required is the *total* quantity of product items.

By default, the calculation is based upon the *finished* size of the product. This is logical for books and brochures but you may want to use the flat size for products such as posters or point-of-sale items. To use the flat size, check 'Calc Using Flat Size'.

Components (Sections)

Enter the GSM, Pages and Stock-Type for each component (or section) of the product. For example a 24pp + 4pp cover book would have two components - the cover and the text.

Stock

The stock types on offer are only those stocks for which the CRI was able to get enough data to calculate their emissions. We are working with our paper suppliers in order to increase the number of stock choices. In the meantime, we recommend that you use the closest match from the current choices to calculate emissions. The emissions for each component are displayed as CO₂e Tonnes.

Delivery

By default the calculator is set to allow for delivery to one point in the Melbourne Metropolitan area. You do not need to enter any information if delivery is for one point in Melbourne. The calculator will automatically assign the full quantity to Delivery 1.

To specify one or more alternative destinations, uncheck '1 point Melb' and enter the quantity and destination of each delivery. If Air freight is required then check 'Air Freight'.






Example

Below is an example which shows a financial report with 4pp cover & 16pp text on A2 Gloss plus a 32pp financial section on recycled offset. Delivered by road to Melbourne(2000 copies) & Sydney(7500 copies) and by air to Brisbane(500 copies).

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for customers with an environmental conscience

Total CO2e emissions = 6.55 Tonnes **Cost to Offset CO2e = \$117.82**

[How to use this calculator](#)

Production Information

Quantity

Flat Size x Calc Using Flat Size

Finished Size x

Cover : Gsm Pages 311.85 Kgs 1.00 CO2e Tonnes

Text1 : Gsm Pages 648.65 Kgs 2.15 CO2e Tonnes

Text2 : Gsm Pages 798.34 Kgs 1.69 CO2e Tonnes

Text3 : Gsm Pages 0.00 Kgs 0.00 CO2e Tonnes

Delivery Information

1 point Melb

Delivery 1, Qty : Destination : Road Air 0.00 CO2e Tonnes

Delivery 2, Qty : Destination : Road Air 0.20 CO2e Tonnes


Delivery 3, Qty : Destination : Road Air 1.50 CO2e Tonnes

Delivery 4, Qty : Destination : Road Air 0.00 CO2e Tonnes

Include Pallets kgs in each = 2 Pallets, 100.00 kgs 0.00 CO2e Tonnes

Include Cartons kgs in each = 147 Cartons, 31.75 kgs 0.01 CO2e Tonnes

Total Weight = 1,890.59 Kgs

 Vega Colour Group has signed a 100% LowCO2 Emissions Monitoring Contract and Certification Plan with The Carbon Reduction Institute (CRI). Sufficient carbon offsets have been purchased to ensure all the operational greenhouse gas emissions produced from running the business have been calculated and offset. A further offset is required to cover the balance of emissions generated by processes outside the business. This carbon calculator has been developed in conjunction with the CRI and is provided for informational purposes only. Vega Colour Group does not warrant that any result from use of this calculator is the final result required to make a job carbon neutral. A formal written quotation must be provided by Vega Colour Group to confirm the additional cost required to make a finished product carbon neutral.

Done