

Paragon Studio Diabolo Dumbbells - Product Sales Order Emissions Total 2022

The following verification of emissions data has been prepared for Paragon Studio by a Carbon Managers LCA specialist auditor. The figures shown are based upon the independently conducted LCA report for Paragon Studio completed by Carbon Managers in October 2022 (PDF on request). Accounting period October 2021 – October 2022.

Note: Whilst the LCA was conducted for the product line with weights specified in kg units, dumbbells in 'lbs' weight configuration were not included in the LCA. Where figures deviate from the original units used, a conversion has been applied from lbs to kg using proxies to account for these products in the total sales order emissions total.

As part of their sustainability plan and in response to the challenges to immediate carbon reduction opportunities, Paragon Studio are choosing to offset associated emissions using a verified carbon credit supplier, with an additional 10% of the total footprint estimate.

Number of dumbbells sold	Carbon Footprint per order (kg CO2e)	Delivery Location
20 (10 pairs) 4, 6, 8, 10, 12, 14, 16, 18, 20, 22kg	1511	UK
10 (5 pairs) 2, 4, 6, 8, 10kg	350	UK
22 (11 pairs) 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55lbs	1776	US
30 (15 pairs) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30kg	2785	UK
16 (8 pairs) 4, 6, 8, 10, 12, 14, 16, 18kg	1043	EU
8 (4 pairs) 2, 5, 8, 10kg	309	UK
16 (8 pairs) 2, 4, 6, 8, 10, 12, 14, 16kg	854	EU
12 (6 pairs) 5, 10, 15, 20, 25, 30lb	569	US
20 (10 pairs) 2, 4, 6, 8, 10, 12, 14, 16, 18, 20kg	1303	EU
12 (6 pairs) 2, 4, 6, 8, 10, 12kg	488	UK
12 (6 pairs) 2, 4, 6, 8, 10, 12kg	488	UK
10 (5 pairs) 2, 4, 6, 8, 10kg	357	EU
10 (5 pairs) 4, 26, 28, 30, 32kg	1366	UK
16 (8 pairs) 4, 6, 8, 10, 12, 14, 16, 18kg	1043	EU
10 (5 pairs) 4, 8, 12, 16, 20kg	710	EU
10 (5 pairs) 2, 4, 6, 8, 10kg	350	UK
2 (1 pair) 4kg	46	UK

Carbon footprint per pair (kg CO2e)															
Dumbbell weight (kg)	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Total if UK distributed	23.7	46.5	70.4	93.2	116.0	138.8	163.3	186.1	208.9	231.7	255.7	278.5	301.3	324.1	346.9
Total if Europe distributed	24.2	47.4	71.8	95.0	118.2	141.4	166.6	189.8	213.0	236.1	260.7	283.9	307.1	330.3	353.4
Total if North America distributed	24.2	47.3	71.8	95.0	118.2	141.4	166.5	189.7	212.9	236.1	260.6	283.8	307.0	330.2	353.4
Total if Middle East distributed	24.6	48.1	73.0	96.5	120.0	143.5	169.2	192.7	216.2	239.7	264.7	288.2	311.7	335.3	358.8

Total Carbon Footprint: 15,349 kgCO2e

Carbon Footprint (+10%): 16,884 kgCO2e

It is recommended that Paragon Studio seek to purchase **17** carbon credits (equating to 17,000kgCO2e) to cover the footprint calculated above for their product sales during the period (Oct 21 – Oct 22).

For any queries or clarifications regarding any information shown in this document please email info@carbonmanagers.com

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