

SINGLE-FOOTPRINT REPORT

Cleaning trolleys (Kubi, Microrapid and Smart families)

from

FALPI SRL



Programme:

Programme operator:

Related EPD:

The International EPD System, www.environdec.com

EPD International AB

EPD-IES-0000153, www.environdec.com/library/epd153

Validity till: 2030-12-22

This single-footprint report only addresses one environmental issue and does not assess other environmental issues of the product. Other environmental issues may be of equal or greater importance than the issue covered by the displayed results. The single-footprint report does not comply with ISO 14025 and other reference standards/documents (e.g., EN 15804 or applicable PCR) that require declaration of a range of indicators.

The single-footprint report shall only be published if an EPD is published for the same product, the EPD may be updated or republished if conditions change. The single-footprint report shall be updated accordingly when the results in related EPD updated. To find the latest version of the EPD and to confirm its validity, see www.environdec.com

SINGLE-FOOTPRINT REPORT

—CLIMATE DECLARATION

INFORMATION ABOUT OWNER

Owner: FALPI SRL

Address: Headquarters: Frazione Ponzzone 120 13835 Valdilana (BI), Italy.

Contact:

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Website: www.falpi.com

Description of the organisation:

Founded in 1987 and located in Valdilana, FALPI SRL has established itself as one of the most dynamic and innovative companies in the field of industrial cleaning equipment manufacturing. The company is based in an industrial district mainly composed of textile companies, particularly those producing fabrics for clothing. Breadth of product range, production flexibility, quality of service, and delivery speed are the key features that distinguish the company.

INFORMATION ABOUT PRODUCT



Product name: Kubi, Microrapid & Smart families of Cleaning Trolleys

Product identification: [...]

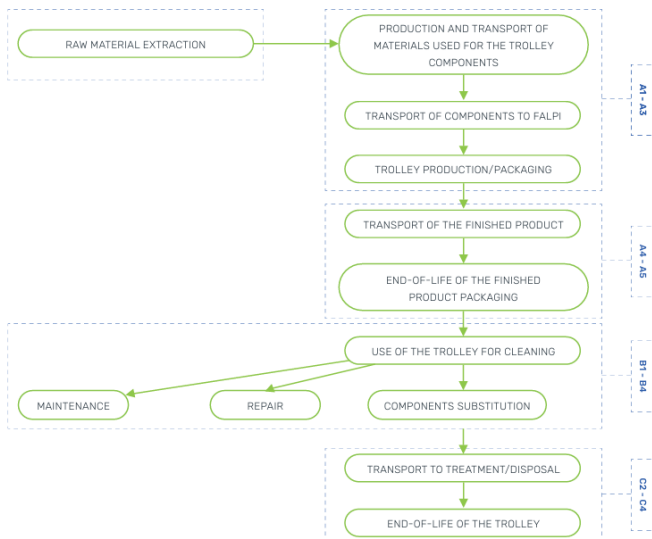
Description of the Product:

The products of FALPI SRL covered by this updated LCA study are trolleys belonging to the Kubi, Smart, and Microrapid families, manufactured exclusively through mechanical processes. These three trolley families share a similar base structure, with variations arising from the addition of optional modules (e.g., overhead micro-storage, plastic lids, wheels of different diameters on the two axes, etc.), which can also be customized according to client requirements.

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LCA INFORMATION



Life-cycle stages covered:

The scope of the study is based on cradle to grave:

Modules A1–A3 - Product stage;

Modules A4–A5 - Distribution and installation stage;

Modules B1–B7 - Use stage, B1-B4 are included in the analysis, but the results are zero;

Modules C1–C4 - End-of-life stage.

The functional unit:

one cleaning trolley over its reference service life (7 years).

Declaration of the environmental performance results:

The table below lists the emissions of greenhouse gases for the product in kg CO₂ eq. per functional unit of product covering the different life-cycle stages.

GWP	A1	A2	A3	A4	A5	C2	C3	C4	Total
Fossil	155,6680	1,8574	4,5846	2,0949	0	0,3930	0	7,0709	171,6687
Biogenic	6,8700	0,0176	0,2366	0,0156	0	0,0029	0	0,0020	7,1448
Luluc	0,7392	0,0007	0,0019	0,0007	0	0,0029	0	0,0001	0,7426
Total	163,2772	1,8757	4,8231	2,1111	0	0,3960	0	7,0730	179,5561

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About EPD & International EPD System

An Environmental Product Declaration (EPD) is a declaration in accordance with the ISO 14025 standard. It provides objective, transparent, and third-party verified information about the environmental performance of a product or service throughout its life cycle. An EPD is grounded in verified data on the environmental performance of a product in relevant life-cycle stages.

The International EPD System is to support organisations in improving their environmental performance by enabling them to transparently communicate quantified environmental information on the life cycle of their products in a credible, comparable, and understandable way. This is done by:

- offering a voluntary programme for verified environmental product declarations according to ISO 14025, ISO 14040/14044, and other relevant standards or methodology guidelines, including but not limited to: EN 15804 and, optionally, ISO 21930 for construction products (including both goods and services), ISO/TS 14027 for the development of Product Category Rules (PCRs), ISO 14026 for footprint communication, and
- ISO 14067 for the calculation of carbon footprint-related indicators;
- contributing to make standardised, verified, and life cycle-based environmental information a useful tool in different applications, e.g. by facilitating different applications and increasing digitalisation and digitisation;
- helping organisations to meet voluntary and/or mandatory (legislation) requirements and specifications when declaring products' environmental performance in international markets; and
- seeking cooperation and harmonisation with other environmental declarations programmes and initiatives (national, regional, sectorial, etc.) to help organisations broaden the use and acceptance of EPDs.

EPD PROGRAMME: INTERNATIONAL EPD SYSTEM		REGISTRATION NO: EPD-IES-0000153	VALIDITY: 2030-12-22
PCR USED IN EPD: 2008:07, VERSION 4.0.0	UN CPC: 4993	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE EPD, ACCORDING TO ISO 14025: RINA SERVICES S.P.A.		ACCREDITED / APPROVED BY: ACCREDIA	
<p>THIS SINGLE-FOOTPRINT REPORT ONLY ADDRESSES ONE ENVIRONMENTAL IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. OTHER ENVIRONMENTAL ISSUES MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE ISSUE COVERED BY THE DISPLAYED RESULTS.</p> <p>ANY PRESENTATION OF RESULTS IN THE SINGLE-FOOTPRINT REPORT SHALL FOLLOW THE RULES ON PRESENTATION OF RESULTS SET BY THE PCR USED TO DEVELOP THE UNDERLYING EPD, FOR EXAMPLE RULES ON WHAT LIFE-CYCLE STAGES TO DECLARE, HOW TO SEPARATE RESULTS PER LIFE-CYCLE STAGE, AND WHETHER OR NOT AGGREGATED LIFE-CYCLE RESULTS CAN BE PRESENTED.</p>			