

LCA

*2023-11 ver. 1
Self-declared*

StandUp BLOSSOM frame

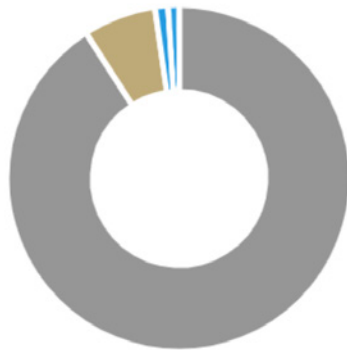
700



MATTING



	Climate change (GWP 100) (kg CO ₂ -eq)
Raw materials	17.041
Supply	6.05
Manufacturing	1.685
Distribution	0.3722
Use	0
End-of-life	4.149



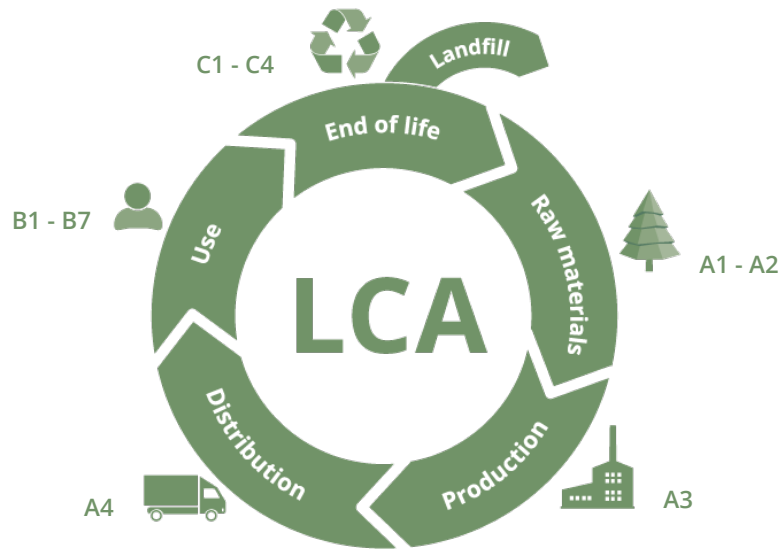
Ferrous metals
 Thermoplastics
 Elastomers
 Paper-cardboard

	Materials allocation *
Paper-cardboard	0.82 kg
Thermoplastics	0.121 kg
Ferrous metals	10.91 kg
Elastomers	0.15 kg
Net product weight (weighted sum of all components)	12.09 kg
Sum of the masses of the materials used	12.0001 kg

* Product and packaging

Program: ECO Design Studio

Database: Base Impact



PRODUCT: StandUp BLOSSOM frame 700

The StandUp DESK collection is designed to make a stand. Designed with sustainability in focus, without cords or environmentally harmful batteries. The desks can be raised and lowered easily, quickly and noiselessly via the lever on the side, which is connected to a gas spring.

The StandUp DESK is Möbelfakta-marked* and Swedish-made from sustainable materials. All its parts can be replaced, thus ensuring a long service life. The desk is designed to work optimally at a normal load weight of about 10 kg (equivalent to an external screen, laptop, desk lighting and accessories). The gas spring provides the best lifting force at this weight.

Responsible manufacturing with local non-toxic production and with fossil-free energy. Minimal material consumption from recycled materials and light weight for the least possible climatic impact. Circular design for secondary life with durable and replaceable components.

We always strive for a design that follows nature's forms and stimulates inherent movement patterns.

DESK frames are available in three models: 700, 900 and 1200. Design Dan Ihreborn.

Guarantee

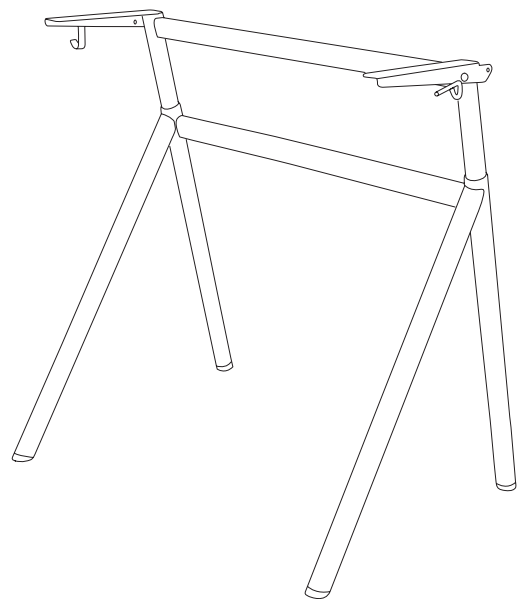
15 years

Spare parts

- Top frame
- Lower frame
- Gas spring
- Lever
- Foot pads
- Screws

Service

Repainting/change of colour for secondary life.



Dangerous substances

The product contains no substances given by the REACH candidate list.

Certificates

- Möbelfakta
- FTI packageing
- Svanen (Chrome process)

COMPANY INFORMATION

Matting AB is a family-owned niche company. Through our expertise, commitment and cutting-edge product development, we offer sustainable concepts and products for public spaces, workplaces and schools. Our concepts are developed in close co-operation with designers and experts, with a clear focus on sustainability and sustainable living.

Phases included in the LCA of BLOSSOM frame 700 (see markers)

	Product stage/ Manufacturing			Construction/ Assembly		Use							End of Life				Resource recovery stage
	A1 - raw mtrl	A2 - transport	A3 - production	A4 - transport	A5 - assembly	B1 - use	B2 - maintenance	B3 - repair	B4 - replacement	B5 - refurbishment	B6 - building operational during use of product use of energy	B7 - building operational use of water during use of product	C1 -Deconstruction	C2 - Transport	C3 - Waste processing	C4 - Disposal	D - Reuse-, Recovery-, Recycling-potential
Declared	X	X	X	X	X	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	ND*
Region/ Origin	RER, GLO	RER, GLO	SE	SE	SE											RER	

*This phase is not declared in this LCA. However, spare parts are available. See page 3.

Declaration of MATTING Life Cycle Analysis (LCA)

Matting's DNA is built on three focus areas. Design, sustainability and knowledge. All equally as important as they give us a holistic view on our products and a responsibility in our product process.

Matting uses *Life Cycle Analysis* as an important tool in our early design process and product development phase. This is so that we can make our decisions based on the most accurate data we can to achieve the greatest and most far-reaching effects for longevity and reduced climate impact in the product's journey from cradle to cradle.

The LCA is including the following phases:

Raw material and material (UPSTREAM) – Production – Assembly – Transport/Distribution – Use (DOWNSTREAM) - End of life

HOW WE MODEL OUR LCA

- The LCA is declared in **Eco Design Studio** by Altermaker.
- We use **Base Impact database** to invent, extract and calculate the data.
- In case of not finding the exact value (i.e material etc) we always aim to find the most similar.
- We always choose the worst case scenario/data if we cannot retrieve the exact value due to different reasons (i.e Government law restrictions in receiving data etc)
- Origin of material, energy source mix etc is declared.
- The usage phase of the product is modelled out of the guarantee date. When spare parts are available for the product we can provide comparison data.

THE LCA DECLARATION

We provide self declared LCA for several products. The CO₂-e data on products within MATTING can be compared to each other. It may be misleading to compare Matting products with products from other suppliers. The reason for this is due to that as of today there is no common standard for how to calculate an LCA. Therefore the rendering, calculation models used and different database can differ not giving a fair comparison. See the CO₂-e more as a guideline and the individual data as a map of the products impact on the ecosystem.

THIRD PARTY DUE DILIGENCE

- In some cases the LCA can be declared with a due diligence by a 3rd party. Matting uses Miljögraff to provide these independent auditing.
- We follow the FN Global goals, Guiding principles on Business and Human Rights 3P model. People, Planet and Profit.

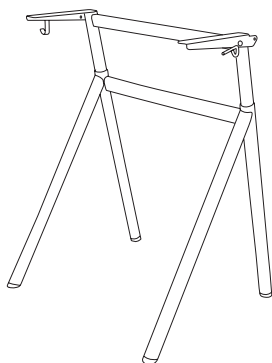
In order to help our customers to get the full knowledge and insight in our products we aim to provide EPD (Environmental product declaration) continuously in the future. This is an ongoing process. Some of our products already have an EPD.

CO₂e STANDUP BLOSSOM COLLECTION

BLOSSOM frame 700

CO₂e (GWP)

29,3 kg



H 730-1170
L 640
W 587

BLOSSOM TABLETOPS for StandUp BLOSSOM frame

There are EPD:s available for BLOSSOM tabletops suitable for the BLOSSOM frame. Please contact us in order to receive the EPD on the specific choice of tabletop.