

Environmental Product Information



Deviating depiction

CU70BC-CUBME

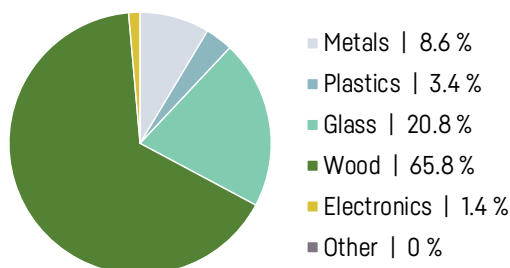
Features

- Width 2000 mm, depth 1500 mm, height 2320 mm
- Empty interior
- Melamine, carcass colour K74 clear white
- Wall design glazed
- Glass options Acoustic plus (VSG-SI)
- Film for partial wrapping
- Fabric covering on inside panels, Era Screen light grey
- Functional floor Harmonious
- Power, Bachmann Pix per 1 x power
- All-round LED lighting, red
- 5-year guarantee (see Sedus Warranty Terms)

Production

- Water-based adhesives
- Wood from sustainably managed forests
- Galvanisation with chrome III
- Use of certified upholstery fabrics in accordance with OEKO-TEX Standard 100
- Heat generation from wood chippings
- Produced using 100 % green electricity
- Produced in accordance with DIN EN ISO 9001 Quality management
- Produced in accordance with DIN EN ISO 14001 Environmental management
- Produced in accordance with DIN EN ISO 50001 Energy management
- Produced in accordance with DIN ISO 45001 Occupational safety

Materials and proportions



Recycled content/recyclable materials

	kg	%
Recycled content	55.36	18.97
	kg	%
Material recovery	95.82	12.81
Energy recovery	652.29	87.19

Recyclability

99 %

The recycled materials and the recyclability of materials are determined based on data from experts and specialist organisations. When determining recycling values, Sedus uses conservative practice-oriented values and not merely the theoretically possible values. The figures shown include our products' packaging. This fact sheet is checked regularly and may be changed without giving prior notice. The most recent version can be downloaded from our homepage at any time.

Standards/certificates



Sedus has been committed to the principles of sustainable corporate governance of the United Nations Global Compact and its principles in terms of human rights, labour, the environment and anti-corruption since 2017.



Comprehensive sustainability report: www.sedus.com

The life cycle assessment was prepared in accordance with DIN EN 15804.

Contact: sedustainable@sedus.com



Deviating depiction

Statement

We develop products which bring together first-class quality, design, ergonomics, durability as well as ecological and economic standards in a balanced and unmistakable way – perfectly in line with our customers' needs. To this end, we set high standards for each life phase of the product.

We purchase around two thirds of the steel, aluminium and wood which we require to produce our products in Germany and almost all the rest from Europe, this helps us to avoid long delivery routes whilst, at the same time, boosting the local economy. We use materials which have been tested and assessed with respect to potentially adverse effects on human health and the environment.

REACH Regulation

This product contains no substances as per the candidate list of the REACH Regulation, Annex XIV, above the limit value of 0.1% mass percent.

Electrical appliance law

WEEE Reg No. DE 15163456

Electrical components were registered by Sedus or our suppliers as per the Electrical appliance law.

Materials

Composition of the materials used for the model:

CU70BC-CUBME

Reference quantity: 1 unit

Metals

	kg	%
Steel	38.50	5.61
Aluminium	20.35	2.97

8.6 %

Plastics

	kg	%
Rubber	0.76	0.11
Polyamide 6.6 [PA66]	14.08	2.05
Polyester fabric	5.87	0.86
Polypropylene [PP]	1.98	0.29
TPU	0.22	0.03
Various plastics	<0.10	0.01

3.4 %

Glass

	kg	%
Glass	142.95	20.83

20.8 %

Wood

	kg	%
HDF board	8.10	1.18
MDF board	18.49	2.69
Coated chipboard	424.95	61.92

65.8 %

Other materials

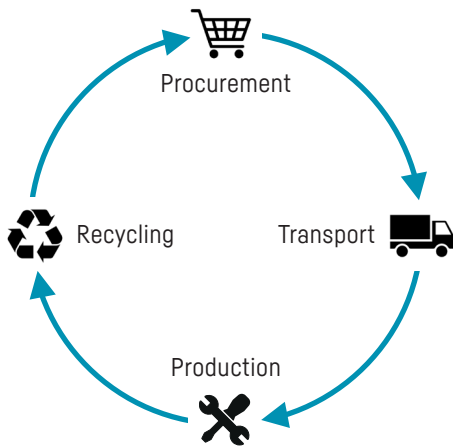
	kg	%
Electronics (power cord, motor, PCB)	9.77	1.42
Adhesive, paint and lubricant	0.18	0.02
Various materials	0.00	0.00

1.4 %

Total weight (without packaging) 686.30 kg

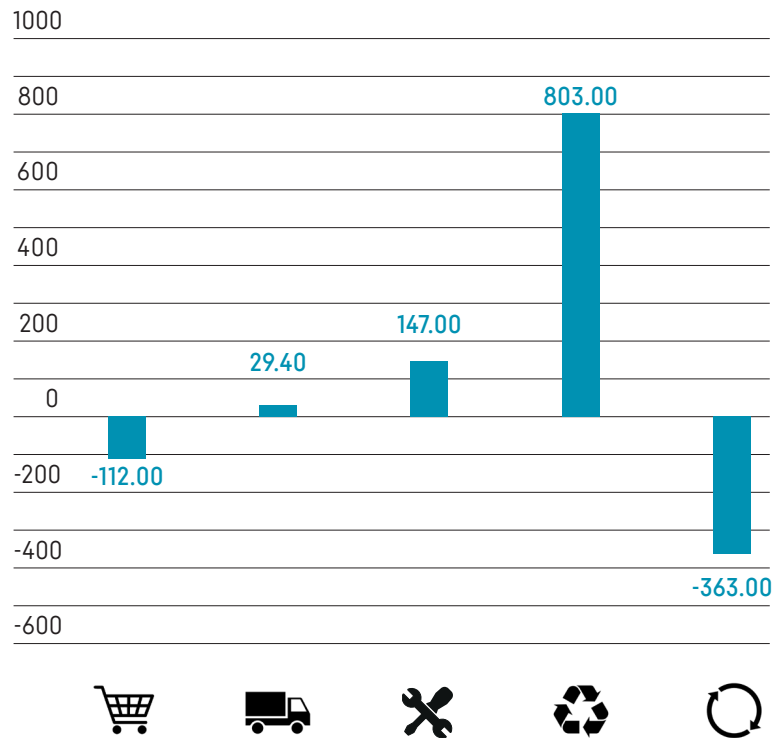
Disclaimer: The material list given may not include all the materials used in this product (e.g. adhesives, coatings, residues etc.).

Material cycle



Global warming potential within the product life cycle

GWP [kg CO₂-eq.]



Procurement and transport

It is always in Sedus' interest to purchase resources and production means from nearby partners whenever this is economically viable. Communication is easier, there are no customs duties or currency risks and shorter shipping routes are less harmful for the environment. That's why, our most important supplier country is Germany followed by other European states. The percentage of deliveries from non-European countries is less than 3%. The proximity of the suppliers results in short shipping routes.

Production

Sedus is characterised by its impressive vertical range of manufacture. Key, environmentally relevant processes thus take place in our production facilities which are subject to regular certification.

Waste management and recycling

Sedus works exclusively with certified specialist disposal firms which it audits at regular intervals. It has worked closely with a complete disposer since 2013. We recycle paper, cardboard, plastic, glass, wood and metal at all sites. To avoid waste, the rejection rate during the production process is monitored and continually improved.

Creator of the life cycle assessment

Sphera Solutions GmbH, Hauptstraße 111-113, 70771 Leinfelden-Echterdingen, Germany

Life cycle



ENVIRONMENTAL IMPACTS	Unit	A1-A3	C3	C4	D
GWP Global warming potential	[kg CO ₂ -eq.]	6.47E+01	8.03E+02	1.95E+00	-3.63E+02
ODP Ozone depletion potential	[kg CFC-11-eq.]	6.69E-10	1.63E-13	1.07E-14	-3.77E-12
AP Acidification potential	[kg SO ₂ -eq.]	3.83E+00	1.28E-01	1.24E-02	-6.94E-01
EP Eutrophication potential	[kg PO ₄ ³⁻ -eq.]	5.45E-01	2.60E-02	1.39E-03	-6.11E-02
POCP Photochemical ozone creation potential	[kg ethene-eq.]	4.43E-01	9.21E-03	9.39E-04	-5.55E-02
ADPE Abiotic depletion potential for non fossil resources	[kg Sb-eq.]	1.04E-02	2.02E-06	1.97E-07	-5.58E-05
ADPF Abiotic depletion potential for fossil resources	[MJ]	1.31E+04	1.85E+02	2.76E+01	-4.70E+03

RESOURCE USE	Unit	A1-A3	C3	C4	D
PERE Use of renewable primary energy excluding renewable primary energy resources used as raw materials	[MJ]	1.13E+04	8.17E+03	3.73E+00	-1.45E+03
PERM Use of renewable primary energy resources used as raw materials	[MJ]	8.13E+03	-8.13E+03	0.00E+00	0.00E+00
PERT Total use of renewable primary energy resources	[MJ]	1.95E+04	3.89E+01	3.73E+00	-1.45E+03
PENRE Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials	[MJ]	1.32E+04	1.10E+03	2.85E+01	-5.74E+03
PENRM Use of non renewable primary energy resources used as raw materials	[MJ]	8.89E+02	-8.89E+02	0.00E+00	0.00E+00
PENRT Total use of non renewable primary energy resources	[MJ]	1.41E+04	2.14E+02	2.85E+01	-5.74E+03
SM Use of secondary material	[kg]	4.07E+01	0.00E+00	0.00E+00	0.00E+00
RSF Use of renewable secondary fuels	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
NRSF Use of non renewable secondary fuels	[MJ]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
FW Use of net fresh water	[m ³]	5.41E+00	2.06E+00	7.18E-03	-2.37E+00

OUTPUT FLOWS AND WASTE CATEGORIES	Unit	A1-A3	C3	C4	D
HWD Hazardous waste disposed	[kg]	5.73E-05	2.74E-07	4.34E-07	-2.36E-06
NHWD Non hazardous waste disposed	[kg]	7.29E+01	1.76E+01	1.43E+02	-2.48E+01
RWD Radioactive waste disposed	[kg]	3.87E-01	1.13E-02	3.24E-04	-4.02E-01
CRU Components for re-use	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MFR Materials for recycling	[kg]	0.00E+00	2.04E+01	0.00E+00	0.00E+00
MER Materials for energy recovery	[kg]	0.00E+00	0.00E+00	0.00E+00	0.00E+00
EEE Exported electrical energy	[MJ]	0.00E+00	1.16E+03	0.00E+00	0.00E+00
EET Exported thermal energy	[MJ]	0.00E+00	2.08E+03	0.00E+00	0.00E+00