



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-23417E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization  
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan  
<https://ecoleaf-label.jp/>



**EPSON**

High-speed Linehead Inkjet Multifunction Printer  
**WorkForce Enterprise**  
**AM-C5000** (Europe)

Seiko Epson Corporation

### Functional unit

Per unit of product

### System boundary

■ final products       intermediate products  
Raw material  
acquisition, Production, Distribution,  
Use & maintenance, End-of-Life

### Main specifications of the product

Model name: WorkForce Enterprise AM-C5000  
Main Specifications  
■ Multifunction device (High Performance Inkjet)  
■ Color  
■ Print speed: 50ppm (single-sided A4 sheets)  
■ Maximum paper size (standard cassette): A3  
■ Automatic duplex printing  
※This product is destined for Europe

### Company Information

Seiko Epson Corporation  
<http://www.epson.com/>  
<http://www.epson.jp/contact/> (Japanese)  
3-3-5 Owa, Suwa-shi, Nagano-ken, Japan  
TFI 81-266-52-5353 (Japan)

Registration#	JR-AI-23417E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	11/17/2023
Verification date	11/13/2023
Verification method	Product-by-product
Verification#	JV-AI-23417
Expiration date	11/12/2028
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Tetsuya Okuyama

Independent verification of data & declaration in accordance with ISO14025

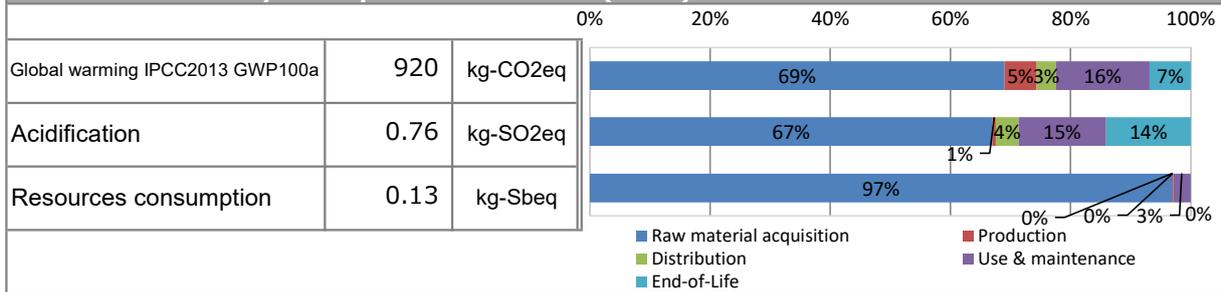
internal       external

\*Auditor's name is stated if system certification has been performed.

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**1. Results of life cycle impact assessment (LCIA)**



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	9.2E+02	6.4E+02	5.0E+01	2.9E+01	1.4E+02	6.3E+01
Acidification		kg-SO <sub>2</sub> eq	7.6E-01	5.1E-01	4.5E-03	2.8E-02	1.1E-01	1.1E-01
Resources consumption		kg-Sbeq	1.3E-01	1.2E-01	1.3E-04	1.2E-04	3.7E-03	4.7E-05

**2. Life cycle inventory analysis (LCI)**

Parameter	Value	Unit
Non-renewable material resources	9.3E+01	kg
Renewable material resources	1.6E+02	kg

**3. Material composition**

Material	Value	Unit
Steel	39	%
SUS	2	%
Aluminum	1	%
Other metal	6	%
Plastic	29	%
Rubber	0	%
Glass	2	%
Paper and wood	12	%
Circuit Board	2	%
Other	7	%

**5. Additional explanation**

- Product destination: Europe
- Calculation method of use stage (scenario)
  - Expected usage period: 5 years
  - Estimated number of use: 374,400 sheets\*
  - Print measuring method (pattern): ISO/IEC 19752
  - Inventory of the print paper is not included
- Products selected in the scenario used for inventory calculation
  - Multifunction device (High Performance IJ)

\* In accordance with the ENERGY STAR® Ver.3.0.  
 374,400 sheets = (32 pages x 39jobs/day x 5 days) / 4 x 4 weeks x 12 months x 5 years



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#### 6-1. Supplementary environmental information

- This product and main components are produced in our ISO 14001 certified factories.
- Compliant with the International Energy Star Program Ver.3.0.It also complies with the European RoHS Directive.

#### 7. Assumptions of secondary data used

We used IDEA v2.1.3 and SuMPO Environmental Label Program registration intensity v1.13.

#### 8. Remarks

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- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.  
(Reference URL : <https://ecoleaf-label.jp/regulation/>)

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