



EPSON

High-speed Linehead Inkjet Multifunction Printer WorkForce Enterprise M-C10000 for North America

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: WorkForceEnterprise AM-C10000

Main Specifications

■ Multifunction device (High Performance Inkjet)

■ Color

■ Print speed: 100ppm (single-sided A4 sheets)

■ Maximum paper size (standard cassette): A3

■ Automatic duplex printing

*This product is destined for North America

*In accordance with the ENERGY STAR® Ver.3.2.

*This information outlines the main details related
to EPD. For more details, please refer to the website
or other relevant sources.

Company Information

Seiko Epson Corporation
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Registration#	JR-AI-26203E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	October 19, 2026
Verification date	October 2, 2026
Verification method	System certification
Verification#	EIR-26-006
Expiration date	October 1, 2031
PCR review was conducted by:	

Approval date	September 1, 2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization (SuMPO)

Third party verifier*

Japan Quality Assurance Organization
Shino Nishikimi

Independent verification of data & declaration in
accordance with ISO14025

☐ internal ☒ external

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

Results of life cycle impact assessment (LCIA)						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global Warming Potential total (GWP-total)	kg-CO ₂ eq	9.99E+02	1.99E+02	1.08E+02	4.86E+02	1.13E+02
Global Warming Potential fossil fuels ^{※1}	kg-CO ₂ eq	9.97E+02	1.99E+02	1.06E+02	4.78E+02	8.63E+01
Global Warming Potential biogenic ^{※2} (GWP-biogenic)	kg-CO ₂ eq	6.97E-01	7.47E-02	2.23E-01	2.95E+00	2.69E+01
Global Warming Potential land use and land use change ^{※3} (GWP-luluc)	kg-CO ₂ eq	8.99E-01	1.08E-01	1.65E+00	5.09E+00	4.45E-02
Ozone layer destruction	kg-CFC-11eq	4.54E-05	8.51E-05	1.27E-06	2.16E-05	5.74E-07
Eutrophication	kg-PO ₄ ³⁻ -eq	5.33E-02	4.40E-05	3.73E-04	1.09E+00	1.09E-04
Acidification	kg-SO ₂ eq	1.10E+00	7.79E-01	1.58E-01	1.15E+00	1.49E-01
Photochemical ozone	kg-C ₂ H ₄ eq	1.56E-02	1.18E-03	3.51E-03	1.15E-02	5.35E-04
Additional optional impact indicators						
ADP elements	kg-Sbeq	6.61E-01	4.61E-04	1.16E-04	8.92E-02	4.39E-05

※1 : This indicator includes the results of "Emissions from combustion of waste from renewable source used in production processes" and "Emissions from combustion of waste from non-renewable sources used in production processes" as specified in ISO 21930:2017 under "Environmental indicators derived from LCA—ADP_{fossil}, consumption of freshwater and additional indicators for transparency.

※2 : This indicator includes the results of "Removals and emissions associated with biogenic carbon content of the biobased product" and "Removals and emissions associated with biogenic carbon content of the biobased packaging" as specified in ISO 21930:2017 under "Environmental indicators derived from LCA—ADP_{fossil}, consumption of freshwater and additional indicators for transparency.

※3 : This indicator includes the results of "Emissions from land use change" as specified in ISO 21930:2017 under "Environmental indicators derived from LCA—ADP_{fossil}, consumption of freshwater and additional indicators for transparency.

Life cycle inventory analysis (LCI)						
Indicators describing use of primary resources						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
RPR _E	MJ	2.52E+03	9.31E+02	1.89E+02	1.67E+03	8.01E+01
RPR _M	MJ	1.67E+01	1.03E-01	2.28E+02	3.67E+01	1.92E-02
NRPR _E	MJ	1.59E+04	3.54E+03	1.42E+03	8.17E+03	4.57E+02
NRPR _M	MJ	1.61E+03	5.41E+00	1.50E+01	2.24E+03	4.84E-01

RPR_E = renewable primary resources used as an energy carrier (fuel)

RPR_M = renewable primary resources with energy content used as material

NRPR_E = non-renewable primary resources used as an energy carrier (fuel)

NRPR_M = non-renewable primary resources with energy content used as material

Indicators describing use of secondary resources						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
SM	MJ	9.54E+00	1.27E-01	2.56E-02	1.86E+01	1.26E-02
RSF	MJ	2.49E+00	8.99E-02	1.78E-02	5.06E+00	8.34E-02
NRSF	MJ	2.97E+00	3.79E-02	1.33E-01	6.44E+00	7.05E-01
RE	MJ	8.19E+00	3.23E+00	9.77E-01	4.56E+00	4.18E-01

SM = secondary material

RSF = renewable secondary fuels

NRSF = non-renewable secondary fuels

RE = recovered energy

ADP fossil, consumption of freshwater, and emissions and removals of CO2						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Mandatory inventory parameters						
ADP _{fossil}	MJ	1.57E+04	2.90E+03	1.32E+03	7.81E+03	3.72E+02
Consumption of freshwater	m ³	5.26E+00	3.21E+00	2.72E+01	2.21E+01	1.99E-02

Waste to disposal						
		Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Non-hazardous waste disposed	kg	5.33E+01	5.67E-01	3.32E-01	5.25E+00	1.26E+02
High-level radioactive waste	m ²	1.41E-08	3.80E-09	1.15E-09	1.28E-08	4.90E-10
Intermediate and low-level radioactive waste	m ³	5.92E-06	1.59E-06	4.83E-07	5.37E-06	2.05E-07

Additional explanation						
- Product destination: North America - Calculation method of use stage (scenario) - Expected usage period: 5 years - Estimated number of use: 1,497,600 sheets* - Print measuring method (pattern): ISO/IEC 24711 - 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.3.2. 1,497,600 sheets = (156 pages x 32 jobs/day x 5 days) / 4 x 4 weeks x 12 months x 5 years - Sum of the GWP-total : 1,910kg-CO₂eq						

Supplementary environmental information						
- This product and main components are produced in our ISO 14001 certified factories. - Compliant with the International Energy Star Program Ver.3.2. - It also complies with the European RoHS Directive.						

Material composition			Assumptions of secondary data used			
Material		Unit	We used IDEA v3.4.1 and SuMPO Environmental Label Program registration intensity v1.16.			
Steel	104.409	kg	Remarks -			
SUS	4.052	kg				
Aluminium	3.081	kg				
Other material	11.313	kg				
Plastic	50.645	kg				
Rubber	0.901	kg				
Glass	1.400	kg				
Paper and wood	0.035	kg				
Circuit Board	3.433	kg				
Other	13.854	kg				

- 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/>)
- This is a selfdeclared translation of EPD that can be accessed in the Japanese version.
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