



RICOH COMPANY,LTD

Color MFP (Electrophotography)

IM C320F (for NA)

EDP 423959



Functional unit

Per product

System boundary

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

Main specifications of the product

Product name: IM C320F (for NA) EDP 423959
Main specifications:
MFP (Electrophotography)
Print Speed : Monochrome 32ppm ,Color 32ppm (LT)
Maximum Paper Size : 216×356mm
Function: Print /Copy /Scan /FAX
Included Units in Assessment : Automatic Reversing
Document Feeder, Automatic Duplexing Unit

| | |
|---------------------|---------------------------------------|
| Registration# | JR-AI-25111E |
| PCR number | PA-590000-AI-08 |
| PCR name | Imaging input and/or output equipment |
| Publication date | 15 Oct 2025 |
| Verification date | 5 Aug 2025 |
| Verification method | System certification |
| Verification# | JV-AI-25111 |
| Expiration date | 4 Aug 2030 |

PCR review was conducted by:

| | |
|------------------------|-----------------------------|
| Approval date | 1 Sep 2023 |
| PCR review panel chair | Masayuki Kanzaki (SuMPO) |

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in
accordance with ISO14025

☐ internal ☒ external

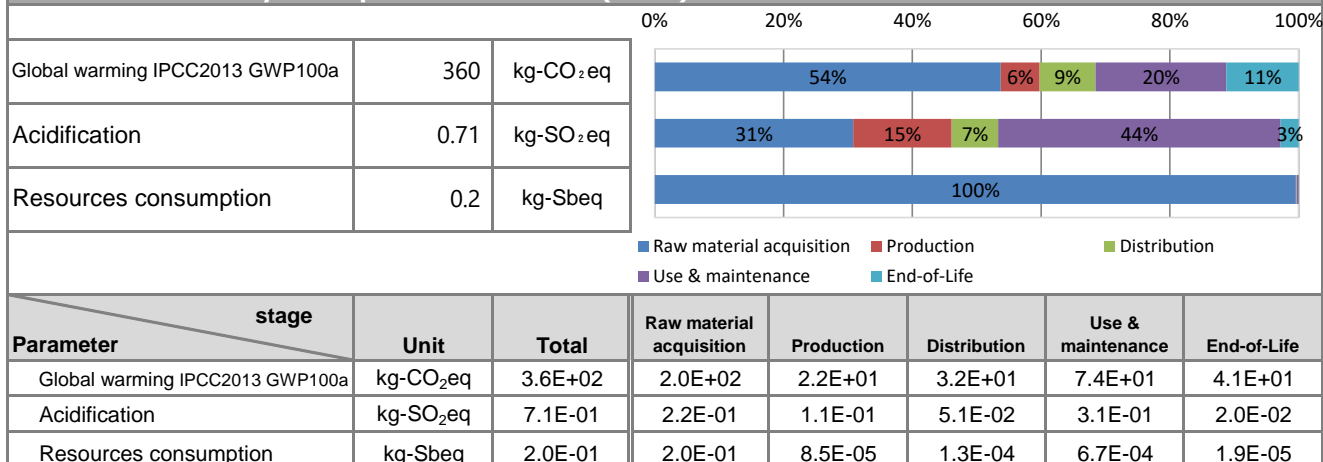
Company Information

RICOH COMPANY,LTD
<https://www.ricoh.co.jp/>

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

Registration number : JR-AI-25111E

1. Results of life cycle impact assessment (LCIA)



2. Life cycle inventory analysis (LCI)

| Parameter | Unit |
|----------------------------------|------------|
| Non-renewable material resources | 2.5E+01 kg |
| Renewable material resources | 4.0E+01 kg |

3. Material composition

| Material | Unit |
|------------------------|------------|
| SUS | 6.0E-02 kg |
| Aluminum | 4.7E-01 kg |
| Ordinary steel | 1.1E+01 kg |
| Other metals | 1.5E+00 kg |
| Thermoplastic resin | 1.5E+01 kg |
| Thermosetting resin | 8.0E-01 kg |
| Glass | 9.6E-01 kg |
| Rubber | 1.9E-01 kg |
| Paper | 3.6E+00 kg |
| Lubricant | 3.6E-04 kg |
| Mounting circuit board | 7.1E-01 kg |
| Wood | 1.3E+00 kg |
| Other | 0.0E+00 kg |



5. Additional explanation

Products selected in the scenario used for load calculation

--MFP (Electrophotography)

- Product destination: NA
- Expected usage period: 5 years
- Estimated number of sheets: 60,000 sheets ※

※Apply the number of sheets according to the actual usage conditions based on the product performance

-The load on the image output medium (printing paper) is not included.

-Compatible with International Energy Star Program Ver.3.0

6-1. Supplementary environmental information

Compliant with the International Energy Star Program Ver.3.0. It also complies with the European RoHS Directive.

Assembly production of this product and production of the main parts, photoconductor and toner, are carried out at an ISO14001 certified factory.

Certification number: JQA-E-70001, SGS-CN18/20330, BSI-EMS765926

<https://jp.ricoh.com/sustainability/environment/management/iso>

7. Assumptions of secondary data used

IDEA v3.1.0, and registered data of Japan EPD Program by SuMPO v1.15 are used.

8. Remarks

- 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/>)