

Registration number : JR-AI-25426E-A



Color Production Printer  
**Xerox® Proficio™ PX500 Production Press**  
(for Europe)

Registration company: FUJIFILM Business Innovation Corp.

**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: Xerox® Proficio™ PX500 Production Press
- Printer (EP Type)
- Print Speed (A4 LEF): Color 100ppm, Monochrome 100ppm
- Paper Size (Max.): 330.2 x 1300mm
- Print
- Automatic 2 Sided Output

|                                     |   |
|-------------------------------------|---|
| <b>Registration#</b>                | JR-AI-25426E-A                                |
| <b>PCR number</b>                   | PA-590000-AI-08                               |
| <b>PCR name</b>                     | Imaging input and/or output equipment         |
| <b>Publication date</b>             | 04 March 2026                                 |
| <b>Verification date</b>            | 17 February 2026                              |
| <b>Verification method</b>          | System certificaion                           |
| <b>Verification#</b>                | 2025-FB-EL-078                                |
| <b>Expiration date</b>              | 16 February 2031                              |
| <b>PCR review was conducted by:</b> |   |
| <b>Approval date</b>                | 01 September 2023                             |
| PCR review                          | Masayuki Kanzaki                              |
| panel chair                         | Sustainable Management Promotion Organization |

**Third party verifier\***

Sachiko Hashizume

Independent verification of data & declaration in accordance with ISO14025

internal      external

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

**Company Information**

**FUJIFILM Business Innovation Corp.**

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<https://www.fujifilm.com/fbglobal/eng>

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**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 <sub>2</sub> eq               | 4.29E+03                 | 4.83E+02   | 6.61E+02     | 1.21E+04          | 5.21E+02    |
| Ozone layer destruction                    | kg-CFC-11eq                         | 1.74E-04                 | 7.91E-07   | 1.38E-07     | 3.65E-04          | 8.57E-08    |
| Eutrophication                             | kg-PO <sub>4</sub> <sup>3-</sup> eq | 7.08E-02                 | 6.23E-03   | 1.17E-03     | 4.60E-01          | 9.98E-04    |
| Acidification                              | kg-SO <sub>2</sub> eq               | 1.05E+01                 | 3.49E+00   | 4.27E-01     | 6.08E+01          | 6.64E-01    |
| Photochemical ozone                        | kg-C <sub>2</sub> H <sub>4</sub> eq | 6.31E-02                 | 3.48E-04   | 2.81E-03     | 8.15E-02          | 6.73E-03    |

**Life cycle inventory analysis (LCI)**

Indicators describing use of primary resources

|                           |                | Raw material acquisition | Production | Distribution | Use & maintenance | End-of-Life |
|---------------------------|----------------|--------------------------|------------|--------------|-------------------|-------------|
| RPR <sub>E</sub>          | MJ             | 7.79E+03                 | 4.45E+03   | 6.06E+01     | 6.98E+04          | 2.92E+02    |
| RPR <sub>M</sub>          | MJ             | 8.62E+01                 | 7.29E-02   | 1.58E+03     | 2.32E+03          | 6.11E-02    |
| NRPR <sub>E</sub>         | MJ             | 6.94E+04                 | 1.76E+04   | 7.56E+03     | 3.13E+05          | 4.05E+03    |
| NRPR <sub>M</sub>         | MJ             | 4.47E+03                 | 5.61E+00   | 9.53E+00     | 2.60E+04          | 4.94E-01    |
| Consumption of freshwater | m <sup>3</sup> | 2.12E+01                 | 2.98E-01   | 1.66E+02     | 2.79E+02          | 5.49E-02    |

**Additional explanation**

- Product destination: Europe
- Calculated based on standard scenario for Printer (EP type).
- Assumed lifespan of the product is five years.
- Printing paper is excluded from Use & maintenance stage.
- Assumed print volume are 5,990,400 sheets.
- The electricity consumption on use stage of this product is calculated using the following scenario:  
Lifetime power consumption [kWh] = {Productivity [0.44 Wh/page] × Number of images per day (number of prints) [4992 pages] + Ready mode power [879 W] × Ready time per day [7.168 h]} × 5 days × 4 weeks × 12 months × 5 years ÷ 1000  
Ready time per day [h] = 8 [h] - Number of images per day (number of prints) [4992 pages] ÷ Printing speed [100 pages/min] ÷ 60 (minutes/hour)

**Supplementary environmental information**

- ENERGY STAR® Version 3.2. professional imaging equipment criteria qualified.

**Material composition**

| Material         |      | Unit |
|------------------|------|------|
| Steel            | 480  | kg   |
| SUS              | 11   | kg   |
| Aluminium        | 9.7  | kg   |
| Other Metals     | 28   | kg   |
| Plastic          | 96   | kg   |
| Rubber           | 1.2  | kg   |
| Glass            | 0.48 | kg   |
| Paper, Wood      | 51   | kg   |
| Circuit Board    | 19   | kg   |
| Conversion Parts | 36   | kg   |
| Others           | 26   | kg   |

**Regulated hazardous substances**

| Substance | CAS No. | Reference to standards or regulations |
|-----------|---------|---------------------------------------|
| –         | –       | –                                     |
| –         | –       | –                                     |
| –         | –       | –                                     |

**Assumptions of secondary data used**

Inventory Database: LCI Database IDEA v3.4,  
Japan EPD Program by SuMPO registered data v1.16.

**Remarks**

Revision Date: 18 March 2026 Added product destination.

- 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 at <https://ecoleaf-label.jp/epd/2855> and is published for convenience purposes. Only the original EPD is valid and binding between parties.