

Registration number : JR-AI-25508E



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

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

Registration#	JR-AI-25508E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	31 March 2026
Verification date	17 March 2026
Verification method	System certificaion
Verification#	2025-FB-EL-127
Expiration date	16 March 2031
PCR review was conducted by:	
Approval date	01 September 2023
PCR review panel chair	Masayuki Kanzaki 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 ₂ eq	4.29E+03	4.83E+02	1.00E+03	1.26E+04	5.21E+02
Ozone layer destruction	kg-CFC-11eq	1.74E-04	7.91E-07	1.44E-07	3.65E-04	8.57E-08
Eutrophication	kg-PO ₄ ³⁻ -eq	7.08E-02	6.23E-03	1.17E-03	4.60E-01	9.98E-04
Acidification	kg-SO ₂ eq	1.05E+01	3.49E+00	1.29E+00	6.22E+01	6.64E-01
Photochemical ozone	kg-C ₂ H ₄ eq	6.31E-02	3.48E-04	8.62E-03	8.94E-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 _E	MJ	7.79E+03	4.45E+03	6.39E+01	7.01E+04	2.92E+02
RPR _M	MJ	8.62E+01	7.29E-02	1.58E+03	2.32E+03	6.11E-02
NRPR _E	MJ	6.94E+04	1.76E+04	1.12E+04	3.19E+05	4.05E+03
NRPR _M	MJ	4.47E+03	5.61E+00	9.55E+00	2.60E+04	4.94E-01
Consumption of freshwater	m ³	2.12E+01	2.98E-01	1.66E+02	2.79E+02	5.49E-02

Additional explanation

- Product destination: North America
- 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 [0.46 Wh/page] × Number of images per day (number of prints) [4992 pages] + Ready mode power [872 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

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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/>)
- This is a selfdeclared translation of EPD that can be accessed at <https://ecoleaf-label.jp/epd/2923> and is published for convenience purposes. Only the original EPD is valid and binding between parties.