



BROTHER INDUSTRIES, LTD.

4-in-1 Colour LED Printer

# MFC-L3740CDW for Europe



## 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: MFC-L3740CDW  
 Multifunction device (Colour EP method)  
 Printing Speed: 18ppm (A4)  
 Maximum paper size : A4  
 Print/Copy/Scan/FAX/Automatic duplex printing/  
 ADF (Automatic document feeding)  
 Wired/Wireless LAN  
 Product weight: 20.1kg, Packaging etc.: 3.5kg  
 \* This product is for Europe.

## Company Information

Brother Industries, Ltd.

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<https://global.brother/en>

Registration#	JR-AI-24424E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	3/26/2025
Verification date	3/14/2025
Verification method	System certification
Verification#	JV-AI-24424E
Expiration date	3/13/2030
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

## Third party verifier\*

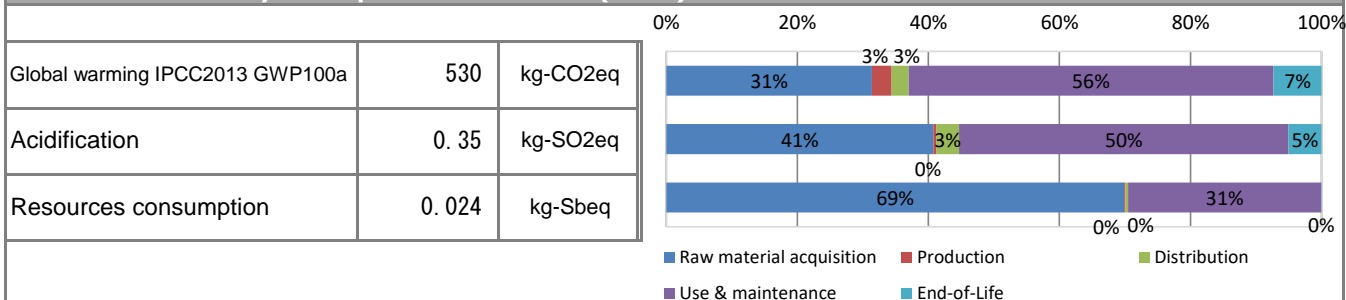
Yasuo Koseki

Independent verification of data & declaration in accordance with ISO14025

internal     external

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

### 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	5.3E+02	1.7E+02	1.6E+01	1.4E+01	2.9E+02	3.9E+01
Acidification		kg-SO <sub>2</sub> eq	3.5E-01	1.4E-01	1.6E-03	1.2E-02	1.7E-01	1.8E-02
Resources consumption		kg-Sbeq	2.4E-02	1.6E-02	4.1E-05	5.8E-05	7.2E-03	9.7E-06

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

Parameter	Unit
Non-renewable material resources	2.3E+01 kg
Non-renewable energy resources	7.8E+03 MJ
Renewable material resources	5.9E+01 kg
Renewable primary energy	1.8E+02 MJ
Consumption of freshwater	5.8E-01 m <sup>3</sup>

### 3. Material composition

Material	Unit
Steel	5.2E+00 kg
SUS	4.9E-01 kg
Aluminium	3.5E-01 kg
Other metal	4.2E-03 kg
Plastic	1.2E+01 kg
Rubber	1.6E-01 kg
Glass	6.8E-01 kg
Paper and Wood	2.6E+00 kg
Circuit board	7.6E-01 kg
Othres	1.1E+00 kg

### 5. Additional explanation

Calculation method for usage stage (Scenario) : Multifunction device(EP method), Expected use period: 5 years, Assumed usage: 48,600 sheets, Print measuring method (Pattern): ISO/IEC 19798, Printing paper is not included in the environmental impact, The applied Energy Star program version is 3.0, This product is for Europe.

### 6-1. Supplementary environmental information

This product and main components are produced in ISO 14001 certified factories.

### 7. Assumptions of secondary data used

Inventory Database: IDEA v2.1.3, and registered data of Japan EPD Program by SuMPO, JLCA data v1.18 are used.

### 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/>)