

**RICOH**

**RM-MF2/P2 Training**  
**Machine Codes: M116/M117/M118/M119**

**Upgrade Course**  
**Based on the RM-MF1 and RM-P1 courses**

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**No additional notes.**

## **Scope of this Course**

- ❑ From the technical point of view, the RM-MF2/P2 machines are minor upgrades.
- ❑ This training course explains the main differences between the RM-MF2/P2 machines and the older RM-MF1/P1 products.
- ❑ All those training on the RM-MF2/P2 machines are expected to have already mastered the RM-MF1/P1 training courses.

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**No additional notes.**

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**RM-MF2/P2 Training**

**PRODUCT OVERVIEW**

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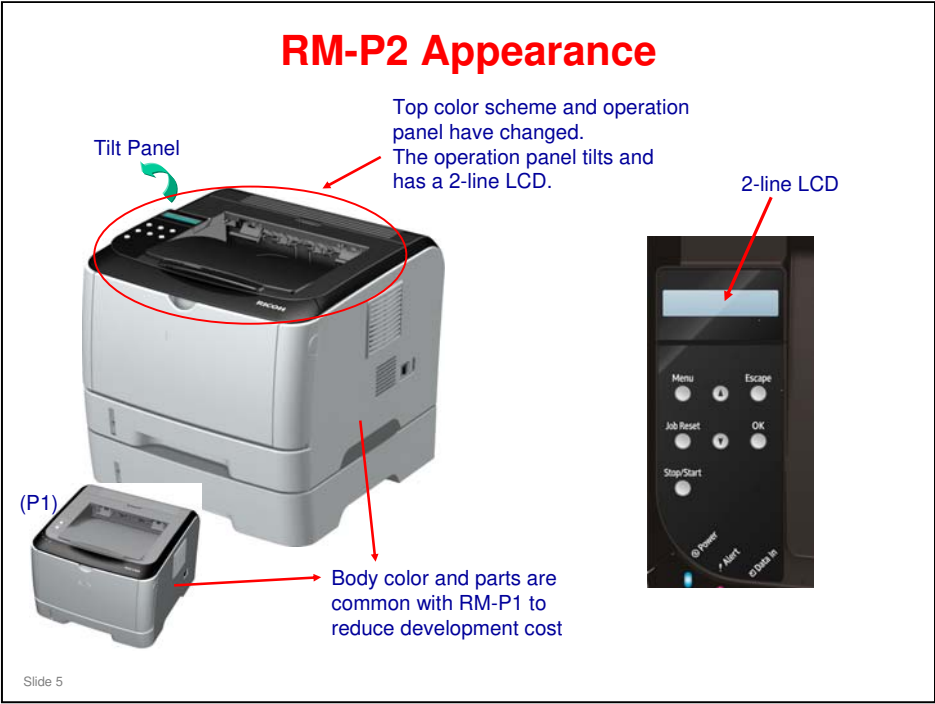
**No additional notes.**

Names and Codes

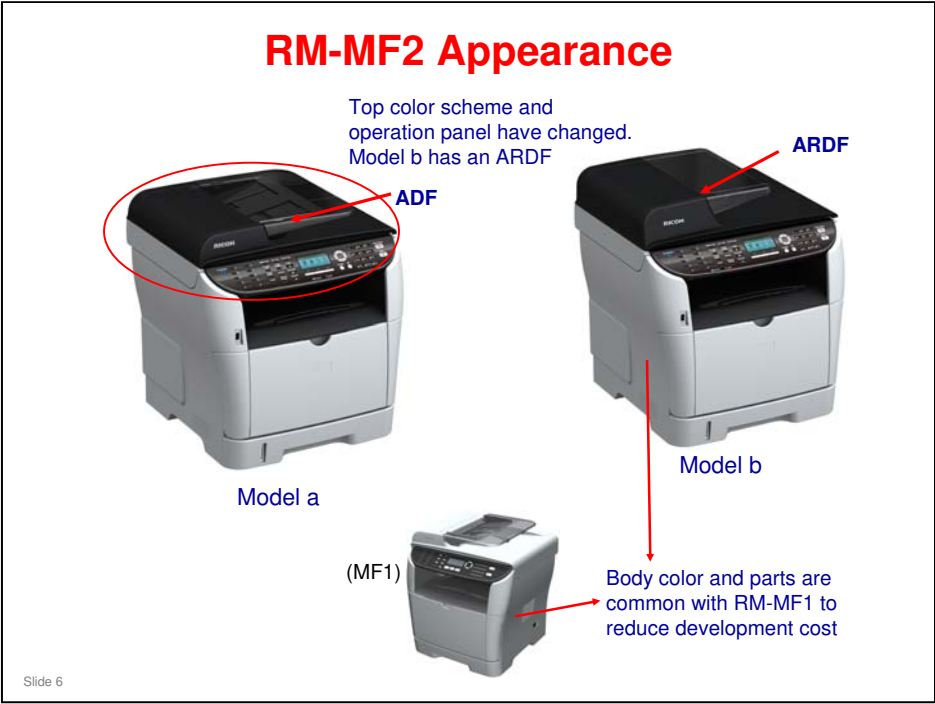
Design name	Product code	Product name
RM-P2a	M116	Aficio SP 3500N
RM-P2b	M117	Aficio SP 3510DN
RM-MF2a	M118	Aficio SP 3500SF
RM-MF2b	M119	Aficio SP 3510SF

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No additional notes.



No additional notes



No additional notes

## RM-MF2 Operation Panel



- ❑ The operation panel has had an ID card copy function button and a 4-line LCD added.

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**No additional notes.**

## Improvement Summary

- ❑ **Durability increased**
  - ◆ Unit Life: 200 K → 350 K
- ❑ **Print resolution increased**
  - ◆ 1,200 x 600 dpi → 1,200 x 1,200 dpi
- ❑ **Operation panel LCD**
  - ◆ RM-P2: None → 2-line LCD
  - ◆ RM-MF2: 2-line LCD → 4-line LCD
- ❑ **Improved network management tool**
  - ◆ @Remote, Ricoh Universal Driver, Bardie
- ❑ **RM-MF2 only**
  - ◆ ARDF (RM-MF2b)
  - ◆ Network management: LDAP capability
  - ◆ FAX function: Internet FAX, Paperless receiving
  - ◆ Operation panel: One touch key

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**No additional notes**



### Model Configuration

RM-P2

P2a

P2b Duplex

Interface: Ethernet and USB

RM-MF2

DF MF2a

ARDF MF2b Duplex

Interface: Ethernet and USB

Paper Tray Option  
(Common with RM-1)

•250-sheet Tray

- ❑ The standard configurations are shown above.
- ❑ Additionally, there is a new 6.0K AIO. (The 2.5K AIO is common with the RM-1.)

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No additional notes

## **Main Specifications**

- ❑ **The following are different from the RM-MF1/P1 series.**
  - ♦ **Weight (Including cassette and consumables)**
    - » MF2a: 17.5 kg, MF2b: 19.0 kg
    - » P2a: 11.7 kg, P2b: 12.7 kg
  - ♦ **ARDF capacity (MF2b only)**
    - » 50 sheets (80g, 20lb)

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**No additional notes.**

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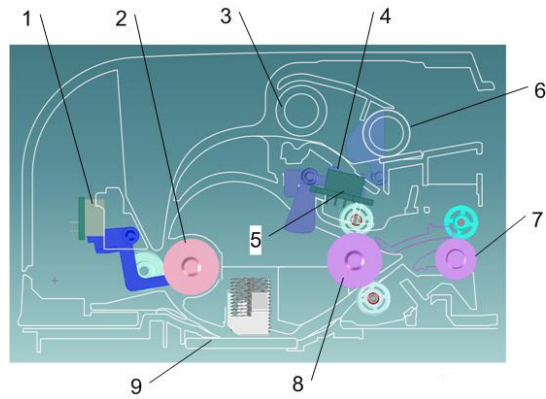
**ARDF (RM-MF2b only)**

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**No additional notes.**

## Main Components

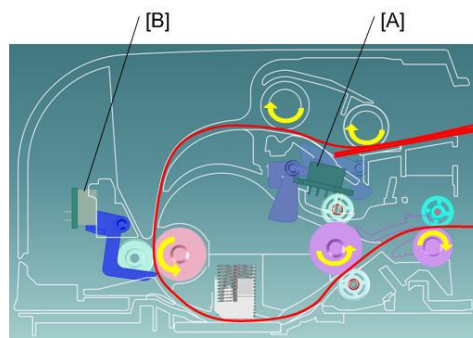
1. Feed Sensor
2. Feed Roller
3. Separation Roller
4. Detection Sensor
5. Duplex Sensor
6. Pick-up Roller
7. Eject Roller
8. Transport Roller
9. ADF Glass



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**No additional notes**

## Single Page Scan

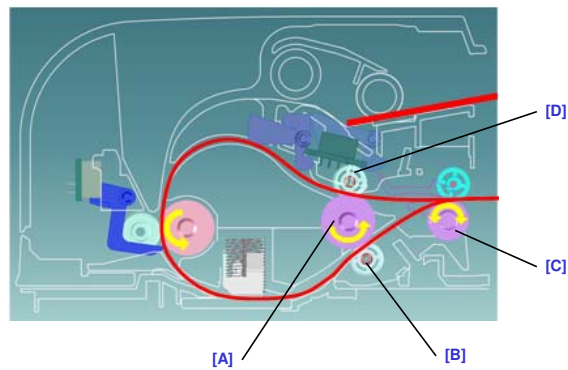


- ❑ After the detection sensor [A] has detected an original document and the machine is given a copying or scanning job, ADF motor rotates to pick up and feed a document to the feed sensor [B]. If Feed sensor does not detect a document within the proper interval, the machine determines that a document jam has occurred.
- ❑ ADF motor stops when feed sensor detects the document. It then starts to rotate again to scan the image on the document.
- ❑ After scanning, ADF motor stops, and then starts to rotate again to feed out the document.

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**No additional notes**

## Duplex Scan



- ❑ The above illustration shows the path a document takes when the ARDF is scanning the reverse side.
- ❑ The document passes between the transport roller [A] and the lower transport idle roller [B] and then through the eject rollers [C]. The eject rollers stop before the trailing edge passes. The eject rollers then reverse and feed the sheet back between the transport roller and the upper transport idle roller [D] and the document feeds back through the path once more, scanning the reverse side.

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**No additional notes**