

B & W printers/ multifunctional products

**M 320F**  
**P 311**

**RICOH**  
imagine. change.



## M 320F/ P 311 series specifications

The M 320F/ P 311 series combines high performance, with low total cost of ownership. These printers are low maintenance, and ideal for high productivity and multifunctional use. They are engineered for high reliability and are easy to use, with easy to set up optional 5GHz Wi-Fi.

### Features for printers in this series include:

- Up to 32 pages per minute output
- Ultra-high yield 7,000 page toner cartridge in the box
- Supports Air print via mobile devices
- Best in class security — including SNMPv3-encrypted communications for device monitoring, secure email transmissions by SMTP over SSL/TLS
- Optional WiFi capability and 250-sheet tray

# M 320F/ P 311

## MAIN SPECIFICATIONS

### M 320F

### P 311

#### GENERAL

|                         |   |                         |
|-------------------------|---|-------------------------|
| Warm-up time            | 30 seconds                                | 26 seconds              |
| First copy speed: B/W   | 7.1 seconds                               |                         |
| Continuous output speed | 32 ppm                                    |                         |
| Memory: standard        | 256 MB                                    | 128 MB                  |
| Weight                  | 18 kg                                     | 13 kg                   |
| Dimensions: W x D x H   | 405 x 392 x 420 mm                        | 370 x 392 x 262 mm      |
| Power source            | 220 - 240 V, 50 - 60 Hz                   | 220 - 240 V, 50 - 60 Hz |
| Laser classification    | Class 1 Laser Product (IEC60825 - 1:2014) |                         |



#### COPIER

|                  |                              |   |
|------------------|------------------------------|---|
| Multiple copying | Up to 99 copies              | - |
| Resolution       | 1,200 x 600 dpi              | - |
| Zoom             | From 25% to 400% in 1% steps | - |

#### PRINTER

|                              |   |
|------------------------------|---|
| Printer language: standard   | PCL5e (MAC), PCL6 (Windows & Linux), PostScript3 (Windows)  |
| Print resolution: maximum    | 1,200 x 1,200 dpi   |
| Network interface: standard  | Ethernet 10 base-T/100 base-TX<br>USB2.0 Type B   |
| Network interface: option    | Wireless LAN (IEEE 802.11 a/b/g/n/ac)   |
| Windows® environments        | Windows® 8.1, Windows® 10, Windows® Server 2012, Windows® Server 2012R2, Windows® Server 2016, Windows® Server 2019 |
| Mac OS environments          | Macintosh OS X v10.10 or later  |
| Other supported environments | Linux environment   |

#### SCANNER

|                       |         |   |
|-----------------------|---------|---|
| Scanning: B/W         | 13 ipm  | - |
| Scanning: full colour | 4.5 ipm | - |
| Resolution: maximum   | 600 dpi | - |

#### FAX

|                      |                  |   |
|----------------------|------------------|---|
| Compatibility        | ITU-T (CCITT) G3 | - |
| Transmission speed   | seconds          | - |
| Modem speed: maximum | Kbps             | - |

#### PAPER HANDLING

|                        |                    |  |            |
|------------------------|--------------------|--|------------|
| Recommended paper size | A4, A5, A6, B5, B6 |  |            |
| Paper input: standard  | 300 sheets         |  |            |
| Paper input: maximum   | 550 sheets         |  |            |
| Paper output: standard | 50 sheets          |  | 125 sheets |
| Paper weight           | 52 - 162 g/m²      |  |            |

#### ECOLOGY

|                              |                |                |
|------------------------------|----------------|----------------|
| Power consumption: operation | 520 W          | 512 W          |
| Power consumption: ready     | 69.4 W         | 63.8 W         |
| Power consumption: sleep     | 0.868 W        | 0.725 W        |
| TEC*                         | 0.423 kWh/week | 0.408 kWh/week |

\* It is a reference value based on the ENERGY STAR Ver.3.0 test method.

#### INPUT/OUTPUT TRAYS AND FINISHER OPTIONS

1x 250-sheet paper tray

#### CONSUMABLES

|   |              |
|---|--------------|
| Starter toner                                   | 7,000 prints |
| Toner (high yield)                              | prints       |
| Consumable yield measuring method ISO/IEC 19752 |              |

ISO9001 certified, ISO14001 certified, ISO27001 certified

COMMISSION REGULATION (EU) 2019/2020. The light source of this product is not intended for applications other than image printing.

Ricoh Europe (Netherlands) B.V.

John M. Keynesplein 10-B  
1066 EP Amsterdam  
The Netherlands



+31 (0)20 5774111



ricoh-europe.com