SHARP®

# MX-6500N/7500N MEDIA GUIDE

An easy-to-use reference to help you achieve the best possible output.

MEDIA GUIDE

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# INTRODUCTION

**This media guide is designed to assist operators in selecting appropriate paper types to be used with the Sharp MX-6500N and MX-7500N high-speed color document systems, which will help ensure that the best possible output and finish is achieved.**

The MX-6500N and MX-7500N are aimed at light production environments such as Central Reproduction Departments (CRDs) Print Rooms and other busy in-plant/on-demand environments. It is in these environments that operators often require much more versatile paper handling when compared to typical high-speed workgroup MFP models.

This document identifies tested media that has been validated by Sharp for use in these document systems. Also included in this document are recommendations for the use of each media type. For simplicity, media weights in this document are described in metric terms "gsm" (or $g/m^2$, which has the same meaning). For convenience, there is a metric-to-inch conversion chart available on page 36. Also, when viewing this document on a PC or mobile device, users can quickly navigate to different sections by clicking on the hyperlinks throughout the guide.

Although every possible effort has been made by Sharp to rigorously test a wide variety of media types, it is virtually impossible to thoroughly test every single media type available. Therefore, for your convenience, we have tested some of the more common brands in the market.

It should be noted that no specific media type can be 100% guaranteed even though it has been tested by Sharp. This is due to the number of variables involved such as media care and handling, regular device maintenance, ambient humidity and temperature, use of Sharp genuine consumables, spare parts and variables that are outside of Sharp's control. Therefore, Sharp will not be held responsible nor be liable to take action to correct situations or conditions resulting from any media that is underperforming against a customer's expectations.

The information contained in this guide was obtained from various sources, which is believed to be reliable based on industry standards. To the best of our knowledge, this information is accurate in all respects. However, Sharp Electronics Corporation nor any of its agents or employees shall be responsible for any inaccuracies contained herein.

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# PROPER PAPER HANDLING

**The temperature and humidity of the area where paper is stored and used can have a definite influence on how the paper performs during any given imaging process.**

## Moisture

Digital copiers and printers are very sensitive to moisture in paper. High humidity causes damp edges and wavy paper. Low humidity dries paper edges making it contract and become tight. Poor performance is the result! That's why it is so important to condition paper by placing it in the environment where it will be used several hours beforehand. As a rule, paper and other media should be conditioned in a dry, clean environment prior to using it in the machine.

## The Following Guidelines are Recommended

- Paper should be stored in the original carton and ream wrappers.
- The optimum paper storage and imaging operating conditions are:
  - 68 to 76 degrees F (20 - 24 degrees C)
  - 35 to 55% relative humidity
- Paper should not be stored directly on the floor, since storage in this manner increases the possibility of moisture absorption.
  - Store paper on shelves off the floor
  - If storage on the floor is necessary, stack on a wood pallet
- In areas of high humidity, store any partially used reams or cartons of paper in plastic wraps or bags.
- If paper is moved from a storage area to a location with a different temperature and humidity, the paper should be placed in the new location several hours before use.

## Do Not Open Until Ready to Use

To achieve best results, we recommend to leave reams sealed in their original wrapper, in the shipping carton during paper storage. Do not open the wrapper until the user is ready to load the paper into the MX-6500N/7500N Document System. The ream wrapper has an inner lining that guards against moisture absorption. Once it is opened, the protective barrier is gone and moisture can seep in and cause excessive curl and other problems. After opening the ream, reseal the wrapper with tape if it will not all be used immediately.

## Paper Quality and Performance

Poor quality paper, as well as moisture in the paper can cause irregular image fill in documents that have large fill areas, especially on ledger and larger size documents with fill near the edges. To help ensure you get the best possible output when printing documents with large fill areas, a high quality 28 lb. bond paper (above 94 brightness) is recommended.

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# RECOMMENDED PAPER AND OTHER MEDIA

**Paper and Media Factory Tested by Sharp**

| MEDIA TYPE | CATEGORY | PRODUCT NAME | WEIGHT (GSM) |
|---|---|---|---|
| **Plain Paper** | Standard Paper | IP Hammermill® Laser Print™ | 90 |
| | | IP Hammermill ForeMP™ | 75 |
| | | Boise Bond | 75 |
| | | IP Hammermill Color Copy Digital™ Text | 105 |
| | | Domtar Copy | 75 |
| | | Xerox® Business 4200 | 75 |
| | | Boise® X-9® Hi-Brite | 75 |
| | Recycled Paper | Domtar Recycled Husky® Xerocopy | 75 |
| | | Boise Aspen® 30 | 75 |
| | | Boise Aspen 100 | 75 |
| **Specialty Media** | Heavy Paper | IP Hammermill Digital™ Text 32 lb. | 120 |
| | | WAUSAU® EXACT® INDEX White 140 lb. | 255 |
| | | NewPage Futura® Laser Dull #100 Cover | 271 |
| | Transparency | 3M™ Transparency Film PP2500 | - |
| | Label Paper | Avery® White Mailing Labels (2" x 4") #5963 | - |
| | Business Card Paper | Avery Business Cards 5371 | - |
| | Envelope | Columbian Self Seal Com10 (Business) 4.125" x 9.5" | - |
| | | Monarch (Invoice/Billing) 3.875" x 8.75" | - |
| | Glossy Paper | NewPage Futura Laser Dull 100 Text (100 lb. Book) | 148 |
| | Embossed Paper | NEENAH® Classic® Linen Solar White (80 lb. Book) | 118 |

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# OTHER AVAILABLE PAPER AND MEDIA

**Paper and Media that Meets Specifications**

| MEDIA TYPE | CATEGORY | PRODUCT NAME | WEIGHT (GSM) |
|---|---|---|---|
| Plain Paper | Bond Paper | IP Hammermill Tidal™ | 75 |
| | | IP Hammermill Color Copy Digital™ | 105 |
| | | Domtar First Choice Color Print | 105 |
| | | Georgia Pacific® Premium Bright | 90 |
| | Heavy Paper | IP Hammermill Color Copy Photo White™ | 120 |
| | | IP Hammermill Color Copy Cover™ | 163 |
| | | IP Hammermill Color Copy Cover | 216 |
| | | IP Hammermill Color Copy Cover | 271 |
| | | Springhill Index Plus | 163 |
| | | Springhill Index Plus | 199 |
| Specialty Media | Coated Paper | NewPage Futura Dull Text | 118 |
| | | NewPage Futura Dull Text | 148 |
| | | NewPage Futura Gloss Text | 118 |
| | | NewPage Futura Gloss Text | 148 |
| | | NewPage Futura Dull Cover | 216 |
| | | NewPage Futura Dull Cover | 271 |
| | | NewPage Futura Gloss Cover | 216 |
| | | NewPage Futura Gloss Cover | 271 |
| | | IP Hammermill Color Laser Gloss™ | 120 |
| | | Sappi Opus® Gloss Cover | 216 |
| | | CTI Kromekote® Plus C2S | 278 |
| | | CTI Kromekote Plus C1S | 244 |
| | | CTI Kromekote Laser High Gloss C1S | 278 |
| | | International Paper Carolina® C2S Cover | 244 |
| | | International Paper Carolina C1S Cover | 244 |
| | | NewPage Sterling® Ultra Gloss Cover | 216 |
| | Label Paper | Avery 5160 | - |
| | Banner Paper | Oki Data Banner Paper 52207901 8.5" x 35.4" | 120 |
| | Banner Paper | Oki Banner Paper 52209101 11.69" x 47.24" | 120 |

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# PAPER THAT IS NOT SUPPORTED

- Heat transfer paper
- Pre-print paper printed in other printers or copiers
- Perforated paper
- Special paper for ink-jet printers (fine paper / glossy paper / glossy film paper / postcard etc.)
- Carbon paper / Thermal paper
- Paper with irregular form
- Paper with glue / staples / clips etc.
- Wet paper
- Pre-folded, curled or torn paper
- Corrugated paper because of moisture absorption
- Prohibited transparency (Ex: SF4A6CS, SF4A6FS)

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# PROPER PAPER SETTINGS

The proper usage of paper type in the print drivers or from the MFP is critical to achieving optimal print or copy results. Please use the charts below to help guide you in selecting the proper paper settings for your specific needs.

## Standard Paper Settings

Standard paper settings are provided for quick access to commonly used paper types. Please refer to the chart below for a selection of standard papers to choose from and a matrix of settings utilized when selecting these paper types.

### Chart 1 (Standard Paper Settings Matrix)

| PAPER TYPE | WEIGHT | FINISH | | |
|---|---|---|---|---|
| | | Coated (Gloss) | Coated (Matte) | Embossed |
| Thin Paper | 55-59 | No | No | No |
| Plain Paper | 60-105 | No | No | No |
| Recycled Paper | 60-105 | No | No | No |
| Color Paper | 60-105 | No | No | No |
| Letter Head | 60-105 | No | No | No |
| Pre Printed | 60-105 | No | No | No |
| Pre Punched | 60-105 | No | No | No |
| Heavy Paper 1 106 - 176g/m² | 106-176 | No | No | No |
| Heavy Paper 2 177 - 220g/m² | 177-220 | No | No | No |
| Heavy Paper 3 221 - 256g/m² | 221-256 | No | No | No |
| Heavy Paper 4 257 - 300g/m² | 257-300 | No | No | No |
| Embossed Paper[1] | 118 | No | No | Linen |
| Tab Paper | 106-176 | No | No | No |
| OHP Transparency[2] | - | No | No | No |
| Labels[3] | - | No | No | No |
| Glossy Paper[4] | 148 | 100 lb. Text | 100 lb. Text | No |

*(1) Embossed paper settings are based on NEENAH® Classic® Linen Solar White (80 lb. Book) paper.*
*(2) OHP Transparency settings are based on 3M™ OHP Monochrome Laser Printer PP2500 transparencies.*
*(3) Label settings are based on Avery® White Mailing Labels (2" x 4") #5963 labels.*
*(4) Glossy paper settings are based on NewPage Futura Laser Dull 100 Text (100 lb. Book) paper.*

*continued on next page...*



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...continued from page 8.

# PROPER PAPER SETTINGS

## Custom paper settings

Sharp recommends making custom paper entries into the Sharp Engine Paper Catalog (SEPC) for jobs that require the highest print quality. Setting up custom entries will help achieve optimal results and will provide operators with ultimate control of the finished product. Please consult the operator's guide and/or contact your Sharp representative for full instructions on how to set up a custom Paper Property entry.

## Selectable Paper Characteristics

- Weight
- Type
- Coated – Matte or Glossy
- Finish

## Variables that are Affected

- Front – to – back registration
- Color Registration
- Skew adjustment
- Front – to – back size ratio
- Toner Density
- Throughput speed

**Chart 2 (Matrix of paper weights, types, and finishes selectable in the SEPC)**

| FINISH | WEIGHT | | | |
|---|---|---|---|---|
| | g/m² | Bond | Index | Cover |
| Uncoated | 55-300 | 15-80 lb. | 31 - 167 lb. | 20-111 lb. |
| Coated (Gloss) | 55-300 | 15-80 lb. | 32 - 167 lb. | 20-111 lb. |
| Coated (Matte) | 55-300 | 15-80 lb. | 33 - 167 lb. | 20-111 lb. |
| Embossed | 55-256 | 15-68 lb. | 33 - 142 lb. | 20-95 lb. |

If after a custom paper is created in the SEPC, and the quality is unsatisfactory, the paper could be out of the capabilities of the MX-7500N/6500N.

For further adjustment and control over image quality, please refer to the MX-7500N/6500N Administrator Machine Adjustment Guide, which is available for download from the webpage of the MFP. The webpage is accessed by entering the IP address of the MFP and selecting "Operation Manual Download". The "User's Manual" can also be downloaded here.

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## SUPPORTED PAPER TYPES AND WEIGHTS BY INPUT/OUTPUT LOCATION

**Duplex Single Pass Feeder (DSPF) Original Document Types and Weights**

| | | |
|---|---|---|
| Document Weights | Simplex | Thin paper: 35-49 g/m², 9-13 lb Bond<br>Plain paper: 50-128 g/m², 13-34 lb Bond |
| | Duplex | 50-128 g/m² 13-34 lb Bond |
| Maximum Original Length | Long paper | 1,000mm (39.37") |
| Feeding Mixed Originals | Supports combinations of originals that are 11-inch and 8.5-inch in width | |
| Documents that are not supported | OHP, second original drawing, tracing paper, carbon paper, thermal paper, wrinkled/broken/torn documents, documents with cuts or glue, documents printed by an ink ribbon and perforated documents except 2-punched / 3-punched (perforated document by punch unit is allowed.) | |

## SUPPORTED PAPER TYPES AND WEIGHTS BY INPUT/OUTPUT LOCATION

**Trays 1-4, Multi-Bypass Tray for Main Unit**

| | TRAY 1 (TANDEM L) | TRAY 2 (TANDEM R) | TRAY 3 | TRAY 4 | MX-MF10 MULTI-BYPASS |
|---|---|---|---|---|---|
| Paper weight (Minimum) | 60 g/m² | 60 g/m² | 60 g/m² | 60 g/m² | 55 g/m² |
| Paper weight (Maximum) | 105 g/m² | 105 g/m² | 220 g/m² | 220 g/m² | 300 g/m² |
| **Paper Type** | | | | | |
| Thin Paper | No | No | No | No | Yes |
| Plain/Recycled/Colored Paper | Yes | Yes | Yes | Yes | Yes |
| Letter Head | Yes | Yes | Yes | Yes | Yes |
| Pre Printed Paper/Pre Punched Paper | Yes | Yes | Yes | Yes | Yes |
| Heavy Paper 1 106-176 g/m² | No | No | Yes | Yes | Yes |
| Heavy Paper 2 177-220 g/m² | No | No | Yes | Yes | Yes |
| Heavy Paper 3 221-256 g/m² | No | No | No | No | Yes |
| Heavy Paper 4 257-300 g/m² | No | No | No | No | Yes |
| Embossed Paper | No | No | No | Yes | Yes |
| Tab Paper * | No | No | No | Yes | Yes |
| OHP/Label | No | No | No | Yes | Yes |
| Glossy Paper | No | No | No | No | Yes |

** Letter tab width 6.1-17mm*

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# SUPPORTED PAPER TYPES AND WEIGHTS BY INPUT/OUTPUT LOCATION

**Optional Paper Trays (LCT), Multi-Bypass Tray for LCT and Cassettes (LCC)**

| | MX-LC13 LARGE CAPACITY TRAY (UPPER) | MX-LC13 LARGE CAPACITY TRAY (LOWER) | MX-MF11 MULTI-BYPASS TRAY (LCT) | MX-LCX3N A3 LCC | MX-LC12 A4 LCC |
|---|---|---|---|---|---|
| Paper weight (Minimum) | 55 g/m² | 55 g/m² | 55 g/m² | 60 g/m² | 60 g/m² |
| Paper weight (Maximum) | 300 g/m² | 300 g/m² | 300 g/m² | 220 g/m² | 220 g/m² |
| **Paper Type** | | | | | |
| Thin Paper | Yes | Yes | Yes | No | No |
| Plain Paper | Yes | Yes | Yes | Yes | Yes |
| Recycled Paper | Yes | Yes | Yes | Yes | Yes |
| Color Paper | Yes | Yes | Yes | Yes | Yes |
| Letter Head | Yes | Yes | Yes | Yes | Yes |
| Pre-printed Paper | Yes | Yes | Yes | Yes | Yes |
| Pre-punched Paper | Yes | Yes | Yes | Yes | Yes |
| Heavy Paper 1 106-176 g/m² | Yes | Yes | Yes | Yes | Yes |
| Heavy Paper 2 177-220 g/m² | Yes | Yes | Yes | Yes | Yes |
| Heavy Paper 3 221-256 g/m² | Yes | Yes | Yes | No | No |
| Heavy Paper 4 257-300 g/m² | Yes | Yes | Yes | No | No |
| Embossed Paper | Yes | Yes | Yes | No | No |
| Tab Paper * | Yes | Yes | Yes | No | No |
| OHP | Yes | Yes | Yes | No | No |
| Labels/Glossy Paper | Yes | Yes | Yes | No | No |

** Letter tab width 6.1-17mm*

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# SUPPORTED PAPER TYPES AND WEIGHTS BY INPUT/OUTPUT LOCATION

**Duplex Section, Center Exit Tray and Right Side Exit Tray**

| | DUPLEX SECTION | MX-TU14 CENTER EXIT TRAY | MX-TR14 RIGHT SIDE EXIT TRAY |
|---|---|---|---|
| Paper weight (Minimum) | 60 g/m² | 55 g/m² | 55 g/m² |
| Paper weight (Maximum) | 300 g/m² | 300 g/m² | 256 g/m² |
| **Paper Type** | | | |
| Thin Paper | No | Yes | Yes |
| Plain Paper | Yes | Yes | Yes |
| Recycled Paper | Yes | Yes | Yes |
| Color Paper | Yes | Yes | Yes |
| Letter Head | Yes | Yes | Yes |
| Pre Printed Paper | Yes | Yes | Yes |
| Pre Punched Paper | Yes | Yes | Yes |
| Heavy Paper 1 106-176 g/m² | Yes | Yes | Yes |
| Heavy Paper 2 177-220 g/m² | Yes | Yes | Yes |
| Heavy Paper 3 221-256 g/m² | Yes | Yes | Yes |
| Heavy Paper 4 257-300 g/m² | Yes | Yes | No |
| Embossed Paper | Yes | Yes | Yes |
| Tab Paper | No | Yes | No |
| OHP | No | Yes | Yes |
| Label | No | Yes | Yes |
| Glossy Paper | Yes | Yes | Yes |

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# SUPPORTED PAPER TYPES/WEIGHTS BY INPUT/OUTPUT LOCATION

**MX-FN21 Stacking Finisher and MX-FN22 Saddle Stitch Finisher**

| | MIDDLE TRAY | OFFSET UPPER/LOWER TRAY | OFFSET | STAPLED (PAGES) | SADDLE STITCH BOOKLETS | SADDLE FOLD WITHOUT STAPLE |
|---|---|---|---|---|---|---|
| Paper weight (Minimum) | 55 g/m² | 55 g/m² | 55 g/m² | 60 g/m² | 60 g/m² | 60 g/m² |
| Paper weight (Maximum) | 300 g/m² | 300 g/m² | 300 g/m² | 300 g/m² | 300 g/m² | 220 g/m² |
| **Paper Type** | | | | | | |
| Thin Paper | Yes | Yes | Yes | No | No | No |
| Plain Paper | Yes | Yes | Yes | Yes | Yes (20 sheets) | Yes (5 sheets) |
| Recycled Paper | Yes | Yes | Yes | Yes | Yes (20 sheets) | Yes (5 sheets) |
| Color Paper | Yes | Yes | Yes | Yes | Yes (20 sheets) | Yes (5 sheets) |
| Letter Head | Yes | Yes | Yes | Yes | No | Yes (5 sheets)*3 |
| Pre Printed Paper | Yes | Yes | Yes | Yes | No | Yes (5 sheets)*3 |
| Pre Punched Paper | Yes | Yes | Yes | Yes | No | Yes (5 sheets)*3 |
| Heavy Paper 1 106-176 g/m² | Yes | Yes | Yes | Yes *1 | Yes (cover) *2 | Yes (3 sheets) |
| Heavy Paper 2 177-220 g/m² | Yes | Yes | Yes | Yes *1 | Yes (cover) *2 | Yes (3 sheets) |
| Heavy Paper 3 221-256 g/m² | No | Yes | Yes | Yes *1 | Yes (cover) *2 | No |
| Heavy Paper 4 257-300 g/m² | No | Yes | Yes | Yes *1 | Yes (cover) *2 | No |
| Embossed Paper | Yes | Yes | Yes | Yes *1 | Yes (cover) *2 | Yes (3 sheets) |
| Tab Paper | Yes | Yes | Yes | No | No | No |
| OHP | Yes | Yes | No | No | No | No |
| Label | Yes | Yes | Yes | No | No | No |
| Glossy Paper | Yes | Yes | Yes | Yes *1 | Yes (cover) *2 | Yes (3 sheets) |

**1: Heavy paper (available only with two sheets (cover and back cover) + 98 sheets of plain paper).*

**2: Heavy paper (available only with one sheet (cover) + plain paper), saddle stitch: 300 g/m² (Cover) 1 sheet + 90 g/m² 19 sheets.*

**3: Printing is only available on inner side of folded sheet.*

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# SUPPORTED PAPER TYPES/WEIGHTS BY INPUT/OUTPUT LOCATION

## MX-PN13B Punch Unit

| | MX-PN13B PUNCH UNIT |
|---|---|
| | For MX-FN21 and MX-FN22 |
| | (2-hole/3-hole) |
| Paper weight (Minimum) | 55 g/m$^2$ |
| Paper weight (Maximum) | 256 g/m$^2$ |
| **Paper Type** | |
| Thin Paper | Yes |
| Plain Paper | Yes |
| Recycled Paper | Yes |
| Color Paper | Yes |
| Letter Head | Yes |
| Pre Printed Paper | Yes |
| Pre Punched Paper | No |
| Heavy Paper 1 106-176 g/m$^2$ | Yes |
| Heavy Paper 2 177-220 g/m$^2$ | Yes |
| Heavy Paper 3 221-256 g/m$^2$ | Yes |
| Heavy Paper 4 257-300 g/m$^2$ | No |
| Embossed Paper | Yes |
| Tab Paper | No |
| OHP | No |
| Label | No |
| Glossy Paper | Yes |

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# SUPPORTED PAPER TYPES/WEIGHTS BY INPUT/OUTPUT LOCATION

**MX-FD10 Multi-Folding Unit/MX-GBCX2 Punch Unit**

| | THROUGH-PASS | PAPER FOLDING TRAY | Z-FOLD | 2-FOLD | 3-FOLD INSIDE AND OUTSIDE | 4-FOLD | GBC THROUGH PASS | GBC PUNCH |
|---|---|---|---|---|---|---|---|---|
| Paper weight (Minimum) | 55 g/m² | 55 g/m² | 55 g/m² | 55 g/m² | 55 g/m² | 55 g/m² | 55 g/m² | 60 g/m² |
| Paper weight (Maximum) | 300 g/m² | 105 g/m² | 105 g/m² | 105 g/m² | 105 g/m² | 105 g/m² | 300 g/m² | 220 g/m² |
| **Paper Type** | | | | | | | | |
| Thin Paper | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No |
| Plain Paper | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Recycled Paper | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Color Paper | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Letter Head | Yes | Yes | Yes | No | No | No | Yes | Yes |
| Pre Printed Paper | Yes | Yes | Yes | No | No | No | Yes | Yes |
| Pre Punched Paper | Yes | Yes | Yes | No | No | No | Yes | No |
| Heavy Paper 1 106-176 g/m² | Yes | No | No | No | No | No | Yes | Yes |
| Heavy Paper 2 177-220 g/m² | Yes | No | No | No | No | No | Yes | Yes |
| Heavy Paper 3 221-256 g/m² | Yes | No | No | No | No | No | Yes | No |
| Heavy Paper 4 257-300 g/m² | Yes | No | No | No | No | No | Yes | No |
| Embossed Paper | Yes | No | No | No | No | No | Yes | Yes |
| Tab Paper | Yes | No | No | No | No | No | Yes | Yes |
| OHP | Yes | No | No | No | No | No | Yes | No |
| Label | Yes | No | No | No | No | No | Yes | No |
| Glossy Paper | Yes | No | No | No | No | No | Yes | Yes |

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# SUPPORTED PAPER TYPES/WEIGHTS BY INPUT/OUTPUT LOCATION

**MX-CF11 2-Tray Inserter, MX-ST10 Stacker and MX-TM10 Trimming Unit**

| | MX-CF11 INSERTER | | MX-ST10 STACKER | | | MX-TM10 TRIMMING UNIT |
|---|---|---|---|---|---|---|
| | Upper tray Lower tray | Through | Through Pass | Top Tray | Offset | Trimming |
| Paper weight (Minimum) | 60 g/m² | 55 g/m² | 55 g/m² | 55 g/m² | 55 g/m² | 60 g/m² |
| Paper weight (Maximum) | 220 g/m² | 300 g/m² | 300 g/m² | 300 g/m² | 300 g/m² | 300 g/m² |
| **Paper Type** | | | | | | |
| Thin Paper | No | Yes | Yes | Yes | Yes | No |
| Plain Paper | Yes | Yes | Yes | Yes | Yes | Yes |
| Recycled Paper | Yes | Yes | Yes | Yes | Yes | Yes |
| Color Paper | Yes | Yes | Yes | Yes | Yes | Yes |
| Letter Head | Yes | Yes | Yes | Yes | Yes | No |
| Pre Printed Paper | Yes | Yes | Yes | Yes | Yes | No |
| Pre Punched Paper | Yes | Yes | Yes | Yes | Yes | No |
| Heavy Paper 1 106-176 g/m² | Yes | Yes | Yes | Yes | Yes | Yes |
| Heavy Paper 2 177-220 g/m² | Yes | Yes | Yes | Yes | Yes | Yes |
| Heavy Paper 3 221-256 g/m² | No | Yes | Yes | Yes | Yes | Yes (Cover) |
| Heavy Paper 4 257-300 g/m² | No | Yes | Yes | Yes | Yes | Yes (Cover) |
| Embossed Paper | No | Yes | Yes | Yes | Yes | Yes |
| Tab Paper | No | Yes | Yes | Yes | No | No |
| OHP | No | Yes | Yes | Yes | No | No |
| Label | No | Yes | Yes | Yes | Yes | No |
| Glossy Paper | No | Yes | Yes | Yes | Yes | Yes (Cover) |

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**Duplex Single Pass Feeder (DSPF) Original Document Sizes**

| DSPF AUTO DETECTION | INCH-1* | INCH-2 | INCH-3 |
|---|---|---|---|
| 11" x 17" | Yes | Yes | Yes |
| 8.5" x 14" | Yes | No | No |
| 8.5" x 13.5" | No | No | No |
| 8.5" x 13.4" | No | No | Yes |
| 8.5" x 13" | No | Yes | No |
| 8.5" x 11" | Yes | Yes | Yes |
| 8.5" x 11R" | Yes | Yes | Yes |
| 5.5" x 8.5" | Yes | Yes | Yes |
| 5.5" x 8.5R" | No | No | No |

** Setting for USA*

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**Trays 1-4, Multi-Bypass Tray for Main Unit**

| PAPER SIZE | MILLIMETERS | TRAY 1 (TANDEM L) | TRAY 2 (TANDEM R) | TRAY 3 | TRAY 4 | MX-MF10 MULTI-BYPASS |
|---|---|---|---|---|---|---|
| 13" x 19" | 330 x 483 | No | No | No | No | Yes |
| 12" x 18" | 305 x 457 | No | No | Yes | Yes | Yes |
| 11" x 17" | 279 x 432 | No | No | Yes | Yes | Yes |
| 11" x 17" Z-fold | 279 x 216 | - | - | - | - | - |
| 8.5" x 14" | 216 x 356 | No | No | Yes | Yes | Yes |
| 8.5" x 14" Z-fold | 216 x 178 | - | - | - | - | - |
| 8.5" x 13.5" | 216 x 343 | No | No | Yes | Yes | Yes |
| 8.5" x 13.4" | 216 x 340 | No | No | Yes | Yes | Yes |
| 8.5" x 13" | 216 x 330 | No | No | Yes | Yes | Yes |
| 8.5" x 11" | 279 x 216 | Yes | Yes | Yes | Yes | Yes |
| 8.5" x 11R" | 216 x 279 | No | No | Yes | Yes | Yes |
| 5.5" x 8.5R" | 140 x 216 | No | No | No | Yes | Yes |
| 7.25" x 10.5" | 184 x 266 | No | No | Yes | Yes | Yes |
| 9" x 12" | 305 x 229 | No | No | Yes | Yes | Yes |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | 98 x 191 | No | No | No | No | Yes |
| COM10 (Business) Envelope 4.125" x 9.5" | 105 x 241 | No | No | No | No | Yes |
| Custom size (Extra) | | No | No | No | Yes | Yes |
| Custom range Min X (Main scan - length) | | No | No | No | 148 (5.87") | 140 (5.5") |
| Custom range Max X (Main scan - length) | | No | No | No | 457 (18") | 1200 (47.24")* |
| Custom range Min Y (Sub scan - width) | | No | No | No | 100 (4") | 90 (3.62") |
| Custom range Max Y (Sub scan - width) | | No | No | No | 305 (12") | 330 (13") |
| Banner Paper (W): 90 to 330/(L): 489 to 1,200mm | | No | No | No | No | Yes* |

** Requires MX-LT10 Long Paper Feeding Tray (without banner paper enabled, maximum length is 488mm/19.2 inches).*

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**Optional Paper (LCT), Multi-Bypass Tray for LCT and Cassettes (LCC)**

| PAPER SIZE | MILLIMETERS | MX-LC13 LARGE CAPACITY TRAY (UPPER) | MX-LC13 LARGE CAPACITY TRAY (LOWER) | MX-MF11 MULTI-BYPASS TRAY (LCT) | MX-LCX3N A3 LCC | MX-LC12 A4 LCC |
|---|---|---|---|---|---|---|
| 13" x 19" | 330 x 483 | Yes | Yes | Yes | Yes | No |
| 12" x 18" | 305 x 457 | Yes | Yes | Yes | Yes | - |
| 11" x 17" | 279 x 432 | Yes | Yes | Yes | Yes | - |
| 11" x 17" Z-fold | 279 x 216 | - | - | - | - | - |
| 8.5" x 14" | 216 x 356 | Yes | Yes | Yes | Yes | - |
| 8.5" x 14" Z-fold | 216 x 178 | - | - | - | - | - |
| 8.5" x 13.5" | 216 x 343 | Yes | Yes | Yes | No | - |
| 8.5" x 13.4" | 216 x 340 | Yes | Yes | Yes | No | - |
| 8.5" x 13" | 216 x 330 | Yes | Yes | Yes | Yes | - |
| 8.5" x 11" | 279 x 216 | Yes | Yes | Yes | Yes | Yes |
| 8.5" x 11R" | 216 x 279 | Yes | Yes | Yes | Yes | - |
| 8.5" x 11R" Z-fold | 216 x 140 | - | - | - | - | - |
| 5.5" x 8.5" (Extra) | 216 x 140 | - | - | - | - | - |
| 5.5" x 8.5R" | 140 x 216 | No | No | Yes | No | - |
| 7.25" x 10.5" | 184 x 266 | Yes | Yes | Yes | No | - |
| 9" x 12" | 305 x 229 | Yes | Yes | Yes | No | - |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | 98 x 191 | - | - | No | - | - |
| COM10 (Business) Envelope 4.125" x 9.5" | 105 x 241 | - | - | No | - | - |
| Custom size (Extra) | | Yes | Yes | Yes | No | No |
| Custom range Min X (Main scan - length) | | 182 (7") | 182 (7") | 140 (5.5") | - | - |
| Custom range Max X (Main scan - length) | | 488 (19.2") | 488 (19.2") | 1200 (47.24")* | - | - |
| Custom range Min Y (Sub scan - width) | | 182 (7") | 182 (7") | 100 (4") | - | - |
| Custom range Max Y (Sub scan - width) | | 330 (13") | 330 (13") | 330 (13") | - | - |
| Banner Paper (W): 90 to 330/(L): 489 to 1,200mm | | No | No | Yes | No | No |

** Requires MX-LT10 Long Paper Feeding Tray (without banner paper enabled, maximim length is 488mm/19.2 inches).*

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**Duplex Section, Center Exit Tray and Right Side Exit Tray**

| PAPER SIZE | MILIMETERS | DUPLEX SECTION | MX-TU14 CENTER EXIT TRAY | MX-TR14 RIGHT SIDE EXIT TRAY |
|---|---|---|---|---|
| 13" x 19" | 330 x 483 | Yes | Yes | Yes |
| 12" x 18" | 305 x 457 | Yes | Yes | Yes |
| 11" x 17" | 279 x 432 | Yes | Yes | Yes |
| 11" x 17" Z-fold | 279 x 216 | - | - | - |
| 8.5" x 14" | 216 x 356 | Yes | Yes | Yes |
| 8.5" x 14" Z-fold | 216 x 178 | - | - | - |
| 8.5" x 13.5" | 216 x 343 | Yes | Yes | Yes |
| 8.5" x 13.4" | 216 x 340 | Yes | Yes | Yes |
| 8.5" x 13" | 216 x 330 | Yes | Yes | Yes |
| 8.5" x 11" | 279 x 216 | Yes | Yes | Yes |
| 8.5" x 11R" | 216 x 279 | Yes | Yes | Yes |
| 8.5" x 11R" Z-fold/Booklet | 216 x 140 | - | - | - |
| 5.5" x 8.5" | 216 x 140 | - | - | - |
| 5.5" x 8.5R" | 140 x 216 | Yes | Yes | Yes |
| 7.25" x 10.5" | 184 x 266 | Yes | Yes | Yes |
| 9" x 12" | 305 x 229 | Yes | Yes | Yes |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | 98 x 191 | No | Yes | No |
| COM10 (Business) Envelope 4.125" x 9.5" | 105 x 241 | No | Yes | No |
| Custom size (Extra) | | Yes | Yes | Yes |
| Custom range Min X (Main scan - length) | | 140 (5.5") | 140 (5.5")* | 140 (5.5") |
| Custom range Max X (Main scan - length) | | 488 (19.2") | 1200 (47.24") | 488 (19.2") |
| Custom range Min Y (Sub scan - width) | | 90 (3.625") | 90 (3.625") | 90 (3.625") |
| Custom range Max Y (Sub scan - width) | | 330 (13") | 330 (13") | 330 (13") |
| Banner paper (W) 90-330/(L) 489-1,200mm | | No | Yes | No |

** Without banner paper enabled, maximim length is 488mm/19.2 inches).*

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**MX-FN21 Stacking Finisher and MX-FN22 Saddle Stitch Finisher**

| PAPER SIZE | MIDDLE TRAY | OFFSET UPPER/LOWER TRAY | OFFSET | STAPLED (PAGES) | SADDLE STITCH BOOKLETS | SADDLE FOLD WITHOUT STAPLE |
|---|---|---|---|---|---|---|
| 13" x 19 | Yes | Yes | No | No | Yes (20 sheets) | Yes (5 sheets) |
| 12" x 18" | Yes | Yes | No | No | Yes (20 sheets) | Yes (5 sheets) |
| 11" x 17" | Yes | Yes | Yes | Yes (50 sheets) | Yes (20 sheets) | Yes (5 sheets) |
| 11" x 17" Z-fold | Yes | Yes | Yes | Yes (10 sheets) | - | - |
| 8.5" x 14" | Yes | Yes | Yes | Yes (50 sheets) | Yes (20 sheets) | Yes (5 sheets) |
| 8.5" x 14" Z-fold | Yes | Yes | No | No | - | - |
| 8.5" x 13.5" | Yes | Yes | Yes | Yes (50 sheets) | Yes (20 sheets) | Yes (5 sheets) |
| 8.5" x 13.4" | Yes | Yes | Yes | Yes (50 sheets) | Yes (20 sheets) | Yes (5 sheets) |
| 8.5" x 13" | Yes | Yes | Yes | Yes (50 sheets) | Yes (20 sheets) | Yes (5 sheets) |
| 8.5" x 11" | Yes | Yes | Yes | Yes (100 sheets) | No | |
| 8.5" x 11R" | Yes | Yes | Yes | Yes (50 sheets) | Yes (20 sheets) | Yes (5 sheets) |
| 8.5" x 11R" Z-fold | Yes | Yes | No | No | - | - |
| 8.5" x 11R" Booklet | Yes | Yes | No | No | - | - |
| 5.5" x 8.5" (Extra custom size) | - | - | - | - | - | - |
| 5.5" x 8.5R"/7.25" x 10.5"/9" x 12" | Yes | Yes | No | No | No | No |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | Yes | Yes | Yes | No | No | No |
| COM10 (Business) Envelope 4.125" x 9.5" | Yes | Yes | Yes | No | No | No |
| Custom size (Extra) | Yes | Yes | No | No | Yes (20 sheets)* | Yes (5 sheets)* |
| Custom range Min X (Main scan - length) | 148 (5.875") | 148 (5.875") | - | - | 279 (11") | 279 (11") |
| Custom range Max X (Main scan - length) | 488 (19.2")** | 488 (19.2")** | - | - | 488 (19.2") | 488 (19.2") |
| Custom range Min Y (Sub scan - width) | 90 (3.625") | 90 (3.625") | - | - | 210 (8.3") | 210 (8.3") |
| Custom range Max Y (Sub scan - width) | 330 (13") | 330 (13") | - | - | 330 (13") | 330 (13") |
| Banner Paper (W): 90 to 305/(L): 458 to 1,200mm | Yes | Yes | No | No | No | No |

** Limited to custom size where length is longer than width.*

*** 1200mm/47.24 inches when banner paper is enabled.*

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**MX-PN12B and MX-PN13B Punch Units**

| PAPER SIZE | MX-PN12B PUNCH UNIT | MX-PN13B PUNCH UNIT |
|---|---|---|
| | For MX-FN19 and MX-FN20 | For MX-FN21 and MX-FN22 |
| | (2-hole/3-hole) | (2-hole/3-hole) |
| 13" x 19" | No | No |
| 12" x 18" | No | No |
| 11" x 17" | Yes (3-hole) | Yes (3-hole) |
| 11" x 17" Z-fold | - | Yes (3-hole) |
| 8.5" x 14" | Yes (2-hole) | Yes (2-hole) |
| 8.5" x 14" Z-fold | - | No |
| 8.5" x 13.5" | Yes (2-hole) | Yes (2-hole) |
| 8.5" x 13.4" | Yes (2-hole) | Yes (2-hole) |
| 8.5" x 13" | Yes (2-hole) | Yes (2-hole) |
| 8.5" x 11" | Yes (3-hole) | Yes (3-hole) |
| 8.5" x 11R" | Yes (2-hole) | Yes (2-hole) |
| 8.5" x 11R" Z-fold | - | No |
| 8.5" x 11R" Booklet | - | No |
| 5.5" x 8.5" (Extra custom size) | No | No |
| 5.5" x 8.5R" | No | No |
| 7.25" x 10.5" | Yes (2-hole) | No |
| 9" x 12" | No | No |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | No | No |
| COM10 (Business) Envelope 4.125" x 9.5" | No | No |
| Custom size (Extra) | - | - |
| Custom range Min X (Main scan - length) | - | - |
| Custom range Max X (Main scan - length) | - | - |
| Custom range Min Y (Sub scan - width) | - | - |
| Custom range Max Y (Sub scan - width) | No | No |
| Banner Paper (W): 90 to 305/(L): 489 to 1,200mm | No | No |

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**MX-FD10 Multi-Folding Unit/MX-GBCX2 Punch Unit**

| PAPER SIZE | THROUGH-PASS | PAPER FOLDING TRAY | Z-FOLD | 2-FOLD | 3-FOLD INSIDE AND OUTSIDE | 4-FOLD | GBC THROUGH-PASS | GBC PUNCH |
|---|---|---|---|---|---|---|---|---|
| 13" x 19" | Yes | Yes | No | No | No | No | Yes | No |
| 12" x 18" | No | No | No | No | No | No | Yes | No |
| 11" x 17" | Yes | No | Yes | No | No | No | Yes | No |
| 11" x 17" Z-fold | - | - | - | - | - | - | - | No |
| 8.5" x 14" | Yes | No | Yes | No | No | No | Yes | No |
| 8.5" x 14" Z-fold | - | - | - | - | - | - | - | No |
| 8.5" x 13.5"/8.5" x 13.4" | Yes | No | No | No | No | No | Yes | No |
| 8.5" x 13" | Yes | No | No | No | No | No | Yes | No |
| 8.5" x 11" | Yes | No | No | No | No | No | Yes | Yes |
| 8.5" x 11R" | Yes | No | Yes | Yes | Yes | Yes | Yes | No |
| 8.5" x 11R" Z-fold | - | - | - | - | - | - | - | No |
| 8.5" x 11R" Booklet | - | - | - | - | - | - | - | No |
| 8.5" x 11R" 3/4-fold | - | Yes | - | - | - | - | - | No |
| 5.5" x 8.5 (Extra custom size) | No | No | No | No | No | No | No | No |
| 5.5" x 8.5R" | Yes | No | No | No | No | No | Yes | No |
| 7.25" x 10.5"/9" x 12" | Yes | No | No | No | No | No | Yes | No |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | Yes | No | No | No | No | No | Yes | No |
| COM10 (Business) Envelope 4.125" x 9.5" | Yes | No | No | No | No | No | Yes | No |
| Custom size (Extra) | Yes | No | No | No | No | No | Yes | No |
| Custom range Min X (Main scan - length) | 148 (5.87") | No | No | No | No | No | 148 (5.87") | No |
| Custom range Max X (Main scan - length) | 488 (19.2") | No | No | No | No | No | 488 (19.2") | No |
| Custom range Min Y (Sub scan - width) | 90 (3.62") | No | No | No | No | No | 90 (3.62") | No |
| Custom range Max Y (Sub scan - width) | 330 (13") | No | No | No | No | No | 330 (13") | No |
| Banner Paper (W): 90 to 305/(L): 458 to 1,200mm | Yes | No | No | No | No | No | No | No |

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# SUPPORTED PAPER SIZES BY INPUT/OUTPUT LOCATION

**MX-CF11 2-Tray Inserter, MX-ST10 Stacker and MX-TM10 Trimming Unit**

| PAPER SIZE | MX-CF11 INSERTER | | MX-ST10 STACKER | | | MX-TM10 TRIMMING UNIT |
|---|---|---|---|---|---|---|
| | Upper tray Lower tray | Through | Through-pass | Top tray | Offset | Trimming |
| 13" x 19" | Yes | Yes | Yes | Yes | Yes | Yes |
| 12" x 18" | Yes | Yes | Yes | Yes | Yes | Yes |
| 11" x 17" | Yes | Yes | Yes | Yes | Yes | Yes |
| 11" x 17" Z-fold | No | - | - | - | - | - |
| 8.5" x 14" | Yes | Yes | Yes | Yes | Yes | Yes |
| 8.5" x 14" Z-fold | No | - | - | - | - | - |
| 8.5" x 13.5" | Yes | Yes | Yes | Yes | Yes | Yes |
| 8.5" x 13.4"/8.5" x 13" | Yes | Yes | Yes | Yes | Yes | Yes |
| 8.5" x 11" | Yes | Yes | Yes | Yes | Yes | No |
| 8.5" x 11R" | Yes | Yes | Yes | Yes | Yes | Yes |
| 8.5" x 11R" Z-fold | No | - | - | - | No | No |
| 8.5" x 11R" Booklet | No | - | - | - | No | No |
| 5.5" x 8.5" (Extra custom size) | No | No | No | No | No | - |
| 5.5" x 8.5R" | Yes | Yes | Yes | Yes | Yes | No |
| 7.25" x 10.5"/9" x 12" | Yes | Yes | Yes | Yes | Yes | No |
| Monarch (Invoice/Billing) Envelope 3.875" x 8.75" | No | Yes | Yes | Yes | No | No |
| COM10 (Business) Envelope 4.125" x 9.5" | No | Yes | Yes | Yes | No | No |
| Custom size (Extra) | Yes | Yes | Yes | Yes | Yes | Yes |
| Custom range Min X (Main scan - length) | 148mm (5.875") | 140mm (5.5") | 148mm (5.875") | 140mm (5.5") | 182mm (7.2") | 279mm (11") |
| Custom range Max X (Main scan - length) | 488mm (19.2") | 488mm (19.2")* | 488mm (19.2")* | 488mm (19.2")* | 488mm (19.2") | 488mm (19.2") |
| Custom range Min Y (Sub scan - width) | 140mm (5.5") | 90mm (3.625") | 90mm (3.625") | 90mm (3.625") | 148mm (5.3") | 210mm (8.3") |
| Custom range Min Y (Sub scan - width) | 330mm (13") | 330mm (13") | 330mm (13") | 330mm (13") | 330mm (13") | 330mm (13") |
| Banner Paper (W): 90 to 305/(L): 489 to 1,200mm | No | Yes | Yes | Yes | No | No |

**1200mm/47.24" when banner is enabled.*

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## GBC PUNCH - SUPPORTED PAPER AND AND PUNCH TYPES

**MX-GBCX2 Punch Unit**

| MODEL | MX-ST10 |
|---|---|
| Type | Floor standing |
| Transport rate | 65/75 sheets/minute (based on MX-6500N/7500N models) |
| **Through-pass Unit** | |
| Supported paper weight | 55-300 g/m² (16 lb Bond- to 110 lb Cover) |
| Supported paper size | Minimum: 100mm x 148mm (3.93" x 5.82") / Maximum: 330mm x 488mm (13" x 19") |
| **Punch Unit** | |
| Punching method | In-line system |
| Punch type<br>(Paper: letter size) | Available Punch Types: 44 holes: Color Coil die set; 21 holes: Wire 2:1 die set;<br>32 holes: Wire 3:1 die set; 11 holes: VeloBind die set; 32 holes: ProClick die set; 3 holes: 3 Hole die set;<br>5 holes: 5 Hole die set; 7 holes: 7 Hole die set |
| Punchable paper weight | 60-220 g/m² (16 lb Bond to 100 lb. Bristol) |
| Maximum paper size | Letter: 279mm x 216mm (11" x 8.5") |

## PLOCKMATIC BOOKLET MAKER - SUPPORTED PAPER AND STACK/STAPLE CAPACITY

**MX-BM50 Booklet Maker System**

| MX-BM50 BASE UNIT | |
|---|---|
| Speed | Based on MX-6500N/7500N engine speed |
| Standard Paper Sizes | 8.5" x 11", 8.5" x 14", 11" x 17", 12" x 18" |
| Paper Size (Minimum/Maximum) | 8.1" (W) x 10.8" (L)/12.6" (W) x 18" (L) |
| Paper Weight (Minimum/Maximum) | 18 lb Bond/110 lb Cover |
| Set Size (stapled, folded) | 2 to 30 Sheets stapled (20 lb Bond) |
| Set Size (non-stapled, folded) | 1 to 6 sheets |
| Off-line Use Feature | Standard |
| **MX-TM50 TRIMMER UNIT** | |
| Minimum Trimming | 0.0394" |
| Maximum Trimming | 0.7" |
| **MX-CF50 COVER FEEDER** | |
| Paper Weight (Minimum/Maximum) | 18 lb Bond/140 lb Index |
| Cover Feeder Capacity | 200 Sheets (20 lb Bond) |

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# THROUGHPUT SPEEDS

## Duplex Single Pass Feeder (DSPF) Scan Speeds

| Mode of Operation * | | MONOCHROME (8.5" X 11") | COLOR (8.5" X 11") |
|---|---|---|---|
| Copy | Simplex | 75 sheets/minute (600 x 400dpi, 1bit)<br>51 sheets/minute (600 x 600dpi, 1bit) | 51 sheets/minute (600 x 600dpi, 4 bit) |
| | Duplex | 150 pages/minute (600 x 400dpi, 1bit)<br>100 pages/minute (600 x 600dpi, 1bit) | 100 pages/minute (600 x 600dpi, 4 bit) |
| Fax/Internet Fax | Simplex | 75 sheets/minute (200 x 200dpi, 1bit) | N/A |
| | Duplex | 150 pages/minute (200 x 200dpi, 1bit) | |
| Scanning | Simplex | 75 sheets/minute (200 x 200dpi, 1bit) | 75 sheets/minute (200 x 200dpi, 8 bit) |
| | Duplex | 150 pages/minute (200 x 200dpi, 1bit) | 150 pages minute (200 x 200dpi, 8 bit) |

** When set for thin paper (8.5" x 11" Simplex), scan speed is 45 sheets/minute (mono) and 33 sheets/minute (color).*



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# THROUGHPUT SPEEDS

**Tray 1-4, LCC, LCT, Multi-Bypass Tray (MBT) for LCT (pages per minute)**

| MEDIA TYPE | | MX-M7500N | | MX-M6500N | |
|---|---|---|---|---|---|
| Plain Paper | Paper Source | Mono | Color | Mono | Color |
| 13" x 19" | LCT/A3 LCC/MBT | 38 | 38 | 34 | 34 |
| 12" x 18" | LCT/A3 LCC/MBT | 40 | 40 | 36 | 36 |
| 12" x 18" | Trays 3-4 | 34 | 34 | 32 | 32 |
| 11" x 17" | LCT/A3 LCC/MBT | 42 | 42 | 38 | 38 |
| 11" x 17" | Trays 3-4 | 36 | 36 | 33 | 33 |
| 8.5" x 14"/8.5" x 13"/ 8.5" x 13.4"/8.5" x 13.5" | LCT/A3 LCC/MBT | 48 | 48 | 43 | 43 |
| 8.5" x 14"/8.5" x 13"/ 8.5" x 13.4"/8.5" x 13.5" | Trays 3-4 | 41 | 41 | 37 | 37 |
| 8.5" x 11" | | 75 | 75 | 65 | 65 |
| 8.5" x 11"R/7.25" x 10.5"R | LCT/MBT | 57 | 57 | 51 | 51 |
| 8.5" x 11"R/7.25" x 10.5"R | Trays 3-4 | 47 | 47 | 43 | 43 |
| 8.5" x 11"R | A3 LCC | 57 | 57 | 51 | 51 |
| 5.5" x 8.5R" | MBT | 57 | 57 | 51 | 51 |
| 5.5" x 8.5R" | Trays 1-4 | 47 | 47 | 43 | 43 |
| Custom Size length (feeding direction) less than 11.7" | LCT/MBT | 57 | 57 | 51 | 51 |
| Custom Size length (feeding direction) less than 11.7" | Trays 1-4 | 47 | 47 | 43 | 43 |
| Custom Size length (feeding direction) over 11.7" | LCT/MBT | 37 | 37 | 33 | 33 |
| Custom Size length (feeding direction) over 11.7" | Trays 1-4 | 34 | 34 | 31 | 31 |

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# THROUGHPUT SPEEDS

**Tray 1-4, LCC, LCT, Multi-Bypass Tray (MBT) for LCT (pages per minute)**

| MEDIA TYPE | MX-M7500N | | MX-M6500N | |
|---|---|---|---|---|
| Heavy Paper #1 and #2 * | Mono | Color | Mono | Color |
| 13" x 19" | 21 | 21 | 21 | 21 |
| 12" x 18" | 22 | 22 | 22 | 22 |
| 11" x 17" | 23 | 23 | 23 | 23 |
| 8.5" x 11"/ 5.5" x 8.5"/5.5" x 8.5"R | 38 | 38 | 38 | 38 |
| 8.5 x 11"R/7.25" x 10.5"R | 31 | 31 | 31 | 31 |
| 8.5 x 14"/8.5 x 13.5"/ 8.5 x 13.4"/ 8.5 x 13" | 23 | 23 | 23 | 23 |
| Custom Size length (feeding direction) less than 11.7" | 31 | 31 | 31 | 31 |
| Custom Size length (feeding direction) over 11.7" | 21 | 21 | 21 | 21 |
| | | | | |
| Heavy Paper #3 and #4* | Mono | Color | Mono | Color |
| 13" x 19" | 16 | 16 | 16 | 16 |
| 12" x 18" | 17 | 17 | 17 | 17 |
| 8.5" x 14"/ 8.5" x 13.5" /8.5" x 13.4"/ 8.5" x 13"/11"x 17" | 18 | 18 | 18 | 18 |
| 8.5" x 11"R/7.25" x 10.5"R | 24 | 24 | 24 | 24 |
| 8.5" x 11"/5.5" x 8.5"R | 30 | 30 | 30 | 30 |
| Custom Size length (feeding direction) less than 11.7" | 24 | 24 | 24 | 24 |
| Custom Size length (feeding direction) over 11.7" | 16 | 16 | 16 | 16 |

** Heavy Paper: #1 (106-176 gsm), #2 (177-220 gsm), #3 (221-256 gsm), #4 (257-300 gsm).*

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# THROUGHPUT SPEEDS

**Multi-Bypass Tray (MBT) for Main Unit (pages per minute)**

| MEDIA TYPE | MX-7500N | | MX-6500N | |
|---|---|---|---|---|
| Plain Paper | Mono | Color | Mono | Color |
| 13" x 19" | 32 | 29 | 29 | 26 |
| 12" x 18" | 33 | 30 | 31 | 26 |
| 11" x 17" | 35 | 31 | 32 | 27 |
| 8.5" x 14"/8.5" x 13" | 39 | 35 | 36 | 31 |
| 8.5" x 11R"/7.25" x 10.5R" | 45 | 45 | 42 | 40 |
| 5.5" x 8.5R" | 45 | 45 | 42 | 42 |
| 8.5" x 11" | 75 | 59 | 65 | 53 |
| Extra custom size | 32 | 29 | 29 | 26 |

| Heavy Paper #1 and #2* | Mono | Color | Mono | Color |
|---|---|---|---|---|
| 13" x 19" | 20 | 17 | 20 | 17 |
| 12" x 18" | 21 | 18 | 21 | 18 |
| 8.5" x 13.4"/8.5" x 13.5"/11"x 17" | 22 | 19 | 22 | 19 |
| 8.5" x 14"/8.5" x 13" | 22 | 19 | 22 | 19 |
| 8.5" x 11R"/7.25" x 10.5R" | 29 | 27 | 29 | 27 |
| 8.5" x 11"/5.5" x 8.5R" | 36 | 33 | 36 | 33 |
| Monarch/Com-10/DL/C5 | 25 | 21 | 25 | 21 |
| OHP (8.5" x 11") | 36 | 33 | 36 | 33 |
| OHP (8.5" x 11R") | 29 | 27 | 29 | 27 |
| Extra custom size | 20 | 17 | 20 | 17 |

| Heavy Paper #3 and #4* | Mono | Color | Mono | Color |
|---|---|---|---|---|
| 13" x 19" | 15 | 12 | 15 | 12 |
| 12" x 18" | 13 | 13 | 16 | 13 |
| 8.5" x 13.4"/8.5" x 13.5"/11" x 17" | 17 | 14 | 17 | 14 |
| 8.5" x 14"/8.5" x 13" | 17 | 14 | 17 | 14 |
| 8.5" x 11R"/7.25" x 10.5R" | 23 | 20 | 23 | 20 |
| 8.5" x 11"/5.5" x 8.5R" | 28 | 25 | 28 | 25 |
| Monarch/Com-10/DL/C5 | 19 | 15 | 19 | 15 |
| Extra custom size | 15 | 12 | 15 | 12 |

** Heavy Paper: #1 (106-176 gsm), #2 (177-220 gsm), #3 (221-256 gsm), #4 (257-300 gsm).*

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## PAPER CAPACITY – DUPLEX SINGLE PASS FEEDER (DSPF)

**Maximum Original Documents**

| | |
|---|---|
| Original Document Capacity | Maximum: 150 sheets 80 g/m² (21 lb Bond), or Maximum: 19.5mm (~ 3/4 inch or less) |

## PAPER CAPACITY – STANDARD PAPER

**Trays 1-4, Multi-Bypass Tray for Main Unit**

| | | TRAY 1 (TANDEM L) | TRAY 2 (TANDEM R) |
|---|---|---|---|
| Paper Capacity | Standard Paper (80 g/m²) | 1,200 sheets | 800 sheets |
| Default Size | Abroad-inches | 8.5" x 11" | 8.5" x 11" |

| | | TRAY 3 | TRAY 4 |
|---|---|---|---|
| Paper Capacity | Standard Paper (80 g/m²) | 500 sheets | 500 sheets |
| Default Size | Abroad-inches | Max. width of Paper Guide | |

## PAPER CAPACITY – SPECIAL PAPER

**Supported Through Tray 4 and Multi-Bypass for Main Unit**

| Paper Type | TRAY 4 | MX-MF10 MULTI-BYPASS |
|---|---|---|
| Standard Paper (80 g/m²) | See Above Chart | 100 Sheets |
| Envelope | N/A | 20 sheets |
| OHP | 40 sheets | 20 sheets |
| Heavy Paper | 80 sheets | 20 sheets |
| Tab Paper | 40 sheets | 20 sheets |
| Glossy Paper | N/A | 1 sheet |

## PAPER CAPACITY – EXIT SECTIONS

**Center Exit Tray and Right Side Exit Tray for Main Unit**

| Exit Location | MX-TU14 CENTER EXIT TRAY | MX-TR14 RIGHT SIDE EXIT TRAY |
|---|---|---|
| Exit Method | Face down in the main unit | |
| Exit Capacity | 250 sheets (8.5" x 11: 80 g/m²) | 100 sheets (8.5" x 11: 80 g/m²) |
| Exit Tray Full Detection | Yes | |

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## PAPER CAPACITY - LCT

**MX-LC13 Large Capacity Tray (2 Drawer A3 LCT)**

| | |
|---|---|
| Paper Capacity | Upper Tray: 2,500 sheets (80 g/m²) |
| | Lower Tray: 2,500 sheets (80 g/m²) |

## PAPER CAPACITY - MULTI-BYPASS FOR LCT

**MX-MF11 Multi-Bypass Tray (for LCT)**

| | |
|---|---|
| Paper Capacity | 500 sheets (80 g/m²) or<br>550 sheets (64 g/m²) |
| | Stacking capacity: up to 55mm |

## PAPER CAPACITY - A4 LCC

**MX-LC12 A4 Large Capacity Cassette (LCC)**

| | |
|---|---|
| Paper Capacity | 3,500 sheets (80 g/m²) 8.5" x 11" |

## PAPER CAPACITY - A3 LCC

**MX-LCX3N A3 Large Capacity Cassette (LCC)**

| | |
|---|---|
| Paper Capacity | 3,000 sheets (80 g/m²) |

## PAPER CAPACITY - LONG PAPER FEEDING TRAY

**MX-LT10 Long Paper Feeding Tray**

| | |
|---|---|
| Paper Capacity | 1 sheet |
| Dimensions<br>(w x d x h) | 581mm x 195mm x 103mm (tray extended)<br>(22.9" x 7.7" x 4.0") |
| | 338mm x 195mm x 107mm<br>(13.3" x 7.7" x 4.2") |

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# PAPER CAPACITY - 100-SHEET STAPLER FINISHERS

**MX-FN21 Stacking Finisher and MX-FN22 Saddle Stitch Finisher**

| MODEL | | | MX-FN21 | MX-FN22 |
|---|---|---|---|---|
| Finisher Type | | | 4K Stacking Finsher | 4K Saddle Stitch Finisher |
| Stacked sheets (without folded paper) | Not Stapled | Upper Tray | 1,500 sheets (8.5" x 11", non-sort)<br>Plain paper size S: 195mm ± 3mm (equivalent to 1,500 sheets)<br>Plain paper size L: 97mm ± 3mm (equivalent to 750 sheets) | |
| | | Lower Tray | 2,500 sheets (8.5" x 11", non-sort)<br>Plain paper size S: 195mm ± 3mm (equivalent to 1,500 sheets)<br>Plain paper size L: 97mm ± 3mm (equivalent to 750 sheets) | |
| | | Middle Tray | 250 sheets (8.5" x 11", non-sort)<br>Size S: 32.3mm ± 3mm (equivalent to 250 sheets)<br>Size L: 16mm ± 3mm (equivalent to 125 sheets)<br>*For long paper (432mm or more), approx. 30 sheets | |
| | Stapled | Upper tray<br>Lower tray | 100 sheets (8.5" x 11", non-sort)<br>Plain paper size S: 195mm ± 3mm<br>Plain paper size L: 97mm ± 3mm | |
| Output Paper capacity (Z-fold, 2-fold paper) | Intermediary tray | | Only for Z-fold paper: 10 sheets (11" x 17") | |
| | Not Stapled | Upper Tray | 11" x 17" | 30 sheets |
| | | Lower Tray | 8.5" x 11R"/8.5" x 14" | 10 sheets |
| | | Middle Tray | 11" x 17" | 10 sheets |
| | | | 8.5" x 11R"/8.5" x 14" | 10 sheets |
| Capacity for mixed-size paper (without folded paper) | Mixed size | Middle Tray | 16mm ± 3mm high | |
| | | Upper Tray<br>Lower Tray | 97mm ± 3mm high | |
| | Staple-mixed | Upper Tray<br>Lower Tray | 100 sheets (8.5" x 11", non-sort)<br>Plain paper size S: 195mm ± 3mm<br>Plain paper size L: 97mm ± 3mm | |
| | Mix mode | | For combinations of plain paper in 8.5" x 11": 195mm ± 3mm high<br>For combinations of paper except for the above: 97mm ± 3mm high | |
| Capacity for mixed-size paper (Z-Fold/2-Fold) | Intermediary tray | | Only for Z-fold paper: Max. capacity of one set: 10 sheets (11" x 17") | |
| | Upper/Lower tray | | 11" x 17" | 30 folded sheets total or ~195mm (plain paper) or ~ 97mm (coated paper) |
| | Mix mode | | 8.5" x 14" | NA |

*continued on next page...*

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*...continued from page 32.*

# PAPER CAPACITY - 100-SHEET STAPLER FINISHERS

**MX-FN21 Stacking Finisher and MX-FN22 Saddle Stitch Finisher**

| SADDLE STITCH SECTION (MX-FN22 ONLY) | | |
|---|---|---|
| Number of 2-fold sheets (nested) | Not stapled (2 fold) | Plain paper: 1-5 sheets (60-105 g/m$^2$) |
| | | Glossy paper: 1-3 sheets (more than 105-220 g/m$^2$) |
| Number of staplable sheets | Saddle Stitch Stapled | Plain paper: 2-20 sheets (60-81.4 g/m$^2$)<br>Plain paper: 2-10 sheets (more than 81.4-105 g/m$^2$) |
| | | Glossy paper: 2-3 sheets (more than 105-220 g/m$^2$) |
| | | Cover paper: 1 sheet (60-300 g/m$^2$) |
| Number of stackable sets | When not stapled | Plain paper: 1-5 sheets (60-105 g/m$^2$): 5 sets |
| | Without cover paper | Plain paper (60-81.4 g/m$^2$): 1-5 sheets: 25 sets; 6-10 sheets: 15 sets; 11-15 sheets: 10 sets; 16-20 sheets: 5 sets |
| | | Plain paper (more than 81.4-105 g/m$^2$): 1-5 sheets: 25 sets; 6-10 sheets: 15 sets |
| | With cover paper | Plain paper (60-81.4 g/m$^2$): 1-15 sheets: 10 sets; 16-20 sheets: 5 sets<br>Plain paper (more than 81.4-105 g/m$^2$): 1-10 sheets: 10 sets |

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# PAPER CAPACITY - TRIMMING UNIT

**MX-TM10 Trimming Unit (For MX-FN22 Finisher)**

| MODEL | MX-TM10 | |
|---|---|---|
| Type | Trimming Unit | |
| Acceptable number of sheets | Plain Paper | 2-20 sheets (60-81.4 g/m$^2$); 2-10 sheets (more than 81.4-105 g/m$^2$); 2-3 sheets (more than 105-209 g/m$^2$); (1 sheet of cover of 300 g/m$^2$ or less is included) |
| | Coated Paper | 2-10 sheets (80-105 g/m$^2$)<br>2-3 sheets (more than 105-209 g/m$^2$) |
| Cutter Capacity (waste) | 1,500 sheets (80 g/m$^2$ paper; Trim width: 20mm) | |

# PAPER CAPACITY - INSERTER UNIT

**MX-CF11 2-Tray Inserter**

| MODEL | MX-CF11 |
|---|---|
| Type | Two Tray Inserter |
| Paper capacity | Upper tray: 200 sheets; Lower tray: 200 sheets (80 g/m$^2$) |
| Paper weight (feeding section) | 60-220 g/m$^2$ |
| Paper weight (through pass) | 55-300 g/m$^2$ |
| Paper size (paper feeding section) | AB (Auto): 11" x 17", 8.5" x 14", 8.5" x 13.5", 8.5" x 13.4", 8.5" x 13", 8.5" x 11"<br>Inch (Auto): 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 13.5", 8.5" x 13.4", 8.5" x 11", 8.5" x 11R", 7.25" x 10.5R", 5.5" x 8.5R"<br>Custom: Main scanning direction (width): 140-320 (5.5"-12.5");<br>Sub scanning direction (length): 140-470 (5.5"-18.5");<br>Note: 5.5" x 8.5" is only available for feeding into the feeding section of the inserter.<br>The following paper sizes are excluded: Auto Inch: 8.5" x 13.4", 8.5" x 13.5", 8.5" x 14", 8.5" x 11R";<br>Auto AB: 8.5" x 13", 8.5" x 13.4", 8.5" x 13.5" |

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# PAPER CAPACITY - MULTI-FOLDING UNIT

**MX-FD10 Multi-folding Unit**

| MODEL | MX-FD10 | |
|---|---|---|
| Type | Multi-folding Unit (5 folding types) | |
| Folding mode | Z-fold, 3-fold inside, 3-fold outside, 4-fold and 2-fold | |
| Paper type | Thin, plain, recycled, heavy or coated paper | |
| Tray capacity (located at the bottom of the paper folding device) | 3-fold inside | Stacked up to 60mm (equivalent to 40 sheets) |
| | 3-fold outside | Stacked up to 60mm (equivalent to 40 sheets) |
| | 4-fold | Stacked up to 60mm (equivalent to 25 sheets) |
| | Z-fold | Output in the tray of 100-sheet finisher |
| | 2-fold | Output in the tray of 100-sheet finisher |

# PAPER CAPACITY - STACKER UNIT

**MX-ST10 Large Capacity Stacker**

| MODEL | MX-ST10 | | |
|---|---|---|---|
| Type | Large Capacity Stacker | | |
| Number of trays | 2 trays - Top tray / Stacking tray (inside) | | |
| Tray capacity | Top tray: 250 sheets (80 g/m$^2$)<br>Stacking tray: 5,000 sheets (80 g/m$^2$) | | |
| Offset | 20mm (only stacking tray) | | |
| | | **Comment** | **Paper Capacity** |
| Stacking capacity | Stacking tray (Different paper types cannot be mixed) | 13" x 19", 12" x 18", 11" x 17", 8.5" x 14", 8.5" x 11", 8.5" x 11R"<br>Custom Size: Minimum 10.98" x 8.26" (279mm x 210mm) | 5,000 sheets (80 g/m$^2$) |
| | | 5.5" x 8.5R"<br>Custom Size: Maximum: 10.98" x 8.26" (279mm x 210mm) | 2,500 sheets (80 g/m$^2$) |
| | Top tray | Based on feedable paper sizes and weights | 250 sheets (80 g/m$^2$) |
| Paper-full detection | Yes | | |
| Stacking amount detection | Top tray: Not available; Stacking tray: 5 levels - 0% / 25% / 50% / 75% / 100% | | |
| Number of units connected in tandem | 2 units maximum can be connected | | |

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# PAPER WEIGHT CONVERSION CHARTS

**Metric to Inch (Industry standard sizes are in bold)**

| GSM | BOND | NEWSPRINT | BOOK | COVER | BRISTOL | INDEX | TAG |
|---|---|---|---|---|---|---|---|
| 25 | 7 | 15 | **17** | 9 | 11 | 14 | 15 |
| 30 | **8** | 18 | **20** | 11 | 13 | 16 | 18 |
| 34 | **9** | 21 | 23 | 13 | 15 | 19 | 21 |
| 36 | 10 | **22** | **24** | 13 | 16 | 20 | 22 |
| 44 | 12 | 27 | **30** | 16 | 20 | 25 | 27 |
| 45 | **12** | **28** | 30 | 17 | 21 | 25 | 28 |
| 46 | 12 | **28** | 31 | 17 | 21 | 25 | 28 |
| 49 | **13** | **30** | **33** | 18 | 22 | 27 | 30 |
| 52 | 14 | **32** | **35** | 19 | 24 | 29 | 32 |
| 55 | 15 | **34** | 37 | 20 | 25 | 31 | 34 |
| 57 | 15 | **35** | 39 | 21 | 26 | 32 | 35 |
| 59 | 16 | 36 | **40** | 22 | 27 | 33 | 36 |
| 60 | **16** | 37 | 41 | 22 | 27 | 33 | 37 |
| 64 | 17 | 39 | **43** | 24 | 29 | 35 | 39 |
| 67 | 18 | 41 | **45** | 25 | 30 | 37 | 41 |
| 74 | 20 | 45 | **50** | 27 | 34 | 41 | 45 |
| 75 | **20** | 46 | 51 | 28 | 34 | 42 | 46 |
| 81 | 22 | 50 | **55** | 30 | 37 | 45 | 50 |
| 89 | 24 | 55 | **60** | 33 | 40 | 49 | 55 |
| 90 | **24** | 55 | 61 | 33 | 41 | 50 | 55 |
| 104 | 28 | 64 | **70** | 38 | 47 | 57 | 64 |
| 105 | **28** | 65 | 71 | 40 | 48 | 58 | 65 |
| 108 | 29 | 66 | 73 | **40** | 49 | 60 | 66 |
| 111 | 30 | 68 | **75** | 41 | 51 | 61 | 68 |
| 118 | 31 | 73 | **80** | 44 | 54 | 65 | 73 |
| 120 | **32** | 74 | 81 | 44 | 55 | 67 | 74 |
| 125 | 33 | 77 | 84 | 46 | **57** | 69 | 77 |
| 133 | 35 | 82 | **90** | 49 | 61 | 74 | 82 |
| 135 | **36** | 83 | 91 | **50** | 62 | 75 | 83 |
| 147 | 39 | 90 | 99 | 54 | **67** | 81 | 90 |
| 148 | 39 | 91 | **100** | 55 | 67 | 82 | 91 |
| 149 | 40 | 91 | 100 | **55** | 68 | 82 | 91 |
| 150 | **40** | 92 | 102 | 56 | 69 | 83 | 92 |

| GSM | BOND | NEWSPRINT | BOOK | COVER | BRISTOL | INDEX | TAG |
|---|---|---|---|---|---|---|---|
| 155 | 41 | 95 | **105** | 57 | 71 | 86 | 95 |
| 160 | 43 | 98 | **108** | 59 | 73 | 88 | 98 |
| 162 | 43 | 100 | 110 | **60** | 74 | **90** | **100** |
| 163 | 43 | 100 | 110 | 60 | 74 | 90 | 100 |
| 170 | 45 | 105 | 115 | **63** | 78 | 94 | 105 |
| 175 | 47 | 108 | 119 | 65 | **80** | 97 | 108 |
| 176 | 47 | 108 | 119 | **65** | 80 | 97 | 108 |
| 178 | 47 | 109 | **120** | **66** | 81 | 98 | 109 |
| 184 | 49 | 113 | 124 | **68** | 85 | 103 | 113 |
| 189 | 50 | 116 | 128 | **70** | 86 | 105 | 116 |
| 197 | 52 | 121 | 133 | 73 | **90** | 109 | 121 |
| 199 | 53 | 122 | 134 | 74 | 91 | **110** | 122 |
| 203 | 54 | 125 | 137 | 75 | 93 | 113 | **125** |
| 216 | 58 | 133 | 146 | **80** | 99 | 120 | 133 |
| 219 | 58 | 135 | 148 | 81 | **100** | 121 | 135 |
| 227 | 60 | 139 | 153 | **84** | 104 | 126 | 139 |
| 243 | 65 | 150 | 164 | **90** | 111 | 135 | 150 |
| 244 | 65 | 150 | 165 | 90 | 111 | 135 | **150** |
| 253 | 67 | 156 | 171 | 94 | 115 | **140** | 156 |
| 263 | 70 | 162 | 178 | 97 | **120** | 146 | 162 |
| 270 | 72 | 166 | 183 | **100** | 123 | 150 | 166 |
| 285 | 76 | 175 | 192 | 105 | 130 | 158 | **175** |
| 298 | 79 | 183 | 201 | **110** | 136 | 165 | 183 |
| 307 | 82 | 189 | 207 | 114 | **140** | **170** | 189 |
| 325 | 86 | 199 | 219 | **120** | 148 | 179 | 199 |
| 326 | 87 | 200 | 220 | 120 | 148 | 180 | **200** |
| 351 | 93 | 216 | 237 | 130 | **160** | 194 | 216 |
| 352 | 94 | 216 | 237 | **130** | 160 | 194 | 216 |
| 395 | 105 | 243 | 267 | 146 | **180** | 218 | 243 |
| 398 | 106 | 244 | 269 | 147 | 181 | **220** | 244 |
| 407 | 108 | 250 | 275 | 150 | 186 | 225 | **250** |
| 439 | 117 | 269 | 296 | 162 | **200** | 243 | 269 |
| 488 | 130 | 300 | 330 | 181 | 227 | 270 | **300** |

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MEDIA GUIDE

## NOTES

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