



varioPRINT 140 series QUARTZ

MONOCHROME
PRODUCTION
DIGITAL PRESSES



varioPRINT 140 QUARTZ shown with optional accessories.

varioPRINT 140 series QUARTZ MONOCHROME PRODUCTION DIGITAL PRESSES

Product Specifications

MAIN UNIT

Marking Engine

Technology:	DirectPress
Print Resolution	
Engine:	600 x 2400 dpi, 200 lpi
PCL:	600 x 600 dpi
Adobe® PostScript® 3:	1200 x 1200 dpi (Enhanced), 600 x 2400 dpi
Max. Print Speed (ipm):	140/130/115 (Letter), 73/68/60 (11" x 17")
First-Copy-Out Time:	3.9 Seconds (Letter)
Paper Size	
Maximum:	12.6" x 19.2" (320 mm x 488 mm)
Minimum:	5.5" x 7.2" (140 mm x 182 mm)
Standard Paper Capacity (iPIM):	4,000 Sheets (20 lb. Bond)
2 x Bulk Tray:	1,500 Sheets (Letter, Statement ¹)
2 x Multisize Tray:	500 Sheets
Tray 3:	5.5" x 7.2" to 12.6" x 17"
Tray 4:	5.5" x 7.2" to 12.6" x 19.2"
Feeding (iPIM):	Friction-fed
Paper Weight:	13 lb. Bond to 110 lb. Cover (50 gsm to 300 gsm) (All Trays)
Duplex:	Up to 300 gsm
Power Source:	208 V/20 A
Options:	Bulk Tray Small Format-A1

Duplex Color Image Reader-N1

Image Sensor:	CCD
Document Size:	Statement to 11" x 17"
Resolution:	Up to 600 x 600 dpi
Tray Capacity:	Up to 200 Sheets (20 lb. Bond)
Paper Weight:	10 lb. Bond to 80 lb. Cover (38 gsm to 220 gsm)
Scan Speed	
BW:	Up to 130 ipm (300 x 300 dpi/600 x 600 dpi)
Color:	Up to 135 ipm (300 x 300 dpi) Up to 37 ipm (600 x 600 dpi)

OPTIONAL INPUT ACCESSORIES

ePIM (External Paper Input Module-D1)

Feeding Technology:	Air Separation, Suction Feeding
Standard Paper Capacity:	4,600 Sheets (20 lb. Bond)
Tray 1 and 2:	600 Sheets
Tray 3 and 4:	1,700 Sheets
	3,400 Sheets (20 lb. Bond, Letter, with Duo Tray installed)
Maximum Capacity:	8,000 Sheets (20 lb. Bond) ²
Acceptable Size:	8" x 8" to 12.6" x 19.2" (All Trays)
Paper Weight:	13 lb. Bond to 110 lb. Cover (50 gsm to 300 gsm)
Power Source:	120 V/15 A
Options:	Duo Tray, Forms Assist Module II

varioPRINT 140 SERIES QUARTZ PRODUCT SPECIFICATIONS

Document Insertion Unit-R1

Tray Capacity

Upper Tray:	Up to 200 Sheets (20 lb. Bond)
Lower Tray:	Up to 200 Sheets (20 lb. Bond)

Paper Weight: 14 lb. Bond to 110 lb. Cover
(52 gsm to 300 gsm)

Paper Size:³ 11" x 17", 12" x 18", 13" x 19", Legal, Letter,
Letter-R, Executive, Custom Size
(7.2" x 7.2" to 13" x 19.2")

Power Source: 120 V/15A

OPTIONAL FINISHING ACCESSORIES

Staple Finisher-AG1/Booklet Finisher-AG1

Tray Capacity

Top Tray:	Up to 1,000 Sheets (20 lb. Bond)
Lower Tray:	Up to 4,000 Sheets (20 lb. Bond)
Booklet Tray:	Up to 30 Booklets or Limitless

Staple Positions: Corner Stapling, Double Stapling, Saddle³

Paper Weight: 14 lb. Cover to 110 lb. Cover
(52 gsm to 300 gsm)

Paper Size³
Stapling: 11" x 17", Legal, Letter-R, Executive, Letter,
Custom Size (8.3" x 11" to 13" x 19.2")

Booklet Finisher: 11" x 17", Legal, Letter-R, 12" x 18"
Custom Size (8.3" x 11" to 11.7" x 17")

Stapling Capacity: Up to 100 Sheets, Maximum (Letter,
20 lb. Bond)

Booklet Stapling Capacity

Uncoated:	Up to 25 Sheets (20 lb. Bond/80 gsm)
Coated:	Up to 10 Sheets (28 lb. Bond/106 gsm)
V-Folding:	Up to 5 Sheets without Stitch

Power Source: 120 V/15 A

Puncher Unit-BS1

(Option for Finisher-AG1/Booklet Finisher-AG1)

Paper Weight: 13 lb. Bond to 73 lb. Cover
(50 gsm to 200 gsm)

Paper Size

2-Hole:	Legal, Letter-R
3-Hole:	11" x 17", Letter, Executive

Punch Speed: Same as Speed of Marking Engine

Power Source: From Main Unit

High Capacity Stacker-J1

Offset Stack Capacity: Up to 6,000 Sheets (20 lb. Bond)

Top Tray Capacity: Up to 200 Sheets (20 lb. Bond)

Paper Size:³ 5.5" x 7.2" to 13" x 19.2"

Paper Weight: 13 lb. Bond to 110 lb. Cover
(50 gsm to 300 gsm)

Max. Connectivity: 2 Units

Power Source: 120 V/15 A

Multi Function Professional Puncher-C1

Paper Weight

Plain: 20 lb. Bond to 110 lb. Cover
(75 gsm to 300 gsm)

Coated: 32 lb. Bond to 110 lb. Cover
(118 gsm to 300 gsm)

Paper Size: 12" x 18", 11" x 17", 9" x 12", Letter, Legal,
Letter-R, Statement

Die Set Patterns: Loose Leaf 3-Hole/5-Hole, Velo Bind
11-Hole, Plastic Comb 19-Hole, Twin Loop
21-Hole/32-Hole, Color Coil 44-Hole/
e-Wire/Perforation

Power Supply: 120 V/15 A

GBC eWire Pro⁴

Bound Book Size: 15 to 100 Sheets (20 lb. Bond)

Paper Size: Letter, 5.5" x 8.5", Tab Stock

Paper Weight: 20 lb. Bond to 110 lb. Cover
(75 gsm to 300 gsm)

Wire Choices: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"

Stack Capacity: Up to 35 Books

Infeed: Multi Function Professional Puncher-B1

Power Supply: 115 V, 60 Hz, 2.8A

Weight: 500 lb.

Dimensions (W x D x H): 35.8" x 31.3" x 42.6"

Booklet Trimmer-G1⁵

Margin Trimming: Front-edge Trim

Trim Amount: 0.08" to 1.1"

Trim Thickness: 50 Sheets (25 Sheets, Folded; 20 lb. Bond)

Paper Weight: 14 lb. Bond to 110 lb. Cover
(52 gsm to 300 gsm)

Output Tray Capacity: 30 Booklets

Power Source: From Booklet Finisher-AG1

varioPRINT 140 SERIES QUARTZ PRODUCT SPECIFICATIONS (Continued)

Two-Knife Booklet Trimmer-B1 (Optional for Booklet Trimmer-G1)

Margin Trimming:	Top and Bottom
Trim Amount:	0.08" to 0.59"
Trim Thickness:	50 Sheets (25 Sheets, Folded; 20 lb. Bond)
Paper Weight:	14 lb. Bond to 110 lb. Cover (52 gsm to 300 gsm)
Power Supply:	120 V/15 A

Paper Folding Unit-K1⁶

Double Parallel Fold:	Legal, Letter-R
C/Accordion Fold:	Letter-R
Z-Fold:	11" x 17"
Half-fold:	Letter-R
Supported Media Weights:	13 lb. Bond to 28 lb. Bond (50 gsm to 105 gsm)
Power Source:	From Finisher-AG1/Booklet Finisher-AG1

Decurler Unit-D1

Paper Weight:	14 lb. Bond to 110 lb. Cover (52 gsm to 300 gsm)
Paper Size:	5.5" x 7.2" to 13" x 19.2"

DFD Adapter and Finisher Bridge-A2/B1

Paper Weight:	13 lb. Bond to 110 lb. Cover (50 gsm to 300 gsm)
Connectivity:	745 mm Paper Path Height (Input), 860 mm Paper Output Path, CAN Connection, Requires Upper Tray from Finisher-AG1 to be Removed and Replaced by the Finisher Bridge
Requirements:	Staple/Booklet Finisher-AG1
Power Supply:	From Finisher

Plockmatic BLM50/35 Professional Booklet Maker⁷

Booklet Size:	Up to 50 Sheets (20 lb. Bond)
Paper Size:	8.1" x 10.8" to 12.6" x 18"
Paper Weight	
Uncoated:	16 lb. Bond to 110 lb. Cover (60 gsm to 300 gsm)
Coated:	28 lb. Bond to 110 lb. Cover (105 gsm to 300 gsm)
Trim Amount	
Face:	0.04" to 1"
Top/Bottom:	0.196" to 1.18"
Paper Rotating:	SDD Rotator RTM3550 required
Weight:	1,235.7 lb.
Dimensions (W x D x H): ⁸	86.2" x 28.8" x 41.4"

SDD Square Fold Booklet Maker⁹

Booklet Capacity:	Up to 25 Sheets (20 lb. Bond)
Booklet Input Size:	4.71" x 8.27" to 9.6" x 12.6"
Booklet Output Size:	4.71" x 7.87" to 9.6" x 12.6"
Paper Weight:	16 lb. Bond to 110 lb. Cover
Trim Amount:	0.08" to 1.38"
Power Supply:	120 V, 60 Hz, 15 A
Weight:	154 lb.
Dimensions (W x D x H):	44.9" x 23.6" x 44.9"

SDD Square Fold Booklet Maker with Two Knife Trim⁹

Booklet Capacity:	Up to 25 Sheets (20 lb. Bond)
Booklet Input Size:	4.88" x 5.51" to 9.6" x 12.6"
Booklet Output Size:	4.88" x 5.51" to 9.6" x 12.6"
Paper Weight:	16 lb. Bond to 110 lb. Cover
Trim Amount:	0.08" to 1.38"
Power Supply:	120 V, 60 Hz, 15 A
Weight:	573 lb.
Dimensions (W x D x H):	62.7" x 27.6" x 51.2"

varioPRINT 140 SERIES QUARTZ PRODUCT SPECIFICATIONS (Continued)

PRINT SERVER

Processor:	2.7 GHz
Memory:	4 GB
Hard Drive:	500 GB
OS:	Windows 10 LTSC
Supported PDLs:	APPE, PDF/PS, PCL, XPS ¹⁰ , PPML ¹⁰
Standard:	Scheduler, Remote Manager, PRISMalytics Dashboard, Automated Workflows, Remote Control
Optional:	DocBox, Color Scanning, Multiple Queues, Streaming, Accounting, Integrity Checker, E-Shredding, DP Link, KDK Link

¹ Requires Bulk Tray Small Format-A1.

² With Duo Tray option installed in Tray 3 and 4 of ePIM. Letter only in trays with Duo Tray option installed.

³ Maximum supported size for varioPRINT 140 series QUARTZ engine is 12.6" x 19.2". Document Insertion Unit supports 13" x 19.2".

⁴ Requires Multi Function Professional Puncher-C1 and Decurler Unit-D1.

⁵ Requires Booklet Finisher-AG1.

⁶ Requires Staple Finisher-AG1 or Booklet Finisher-AG1.

⁷ High Capacity Stacker-J1, DFD Interface Kit, and DFD Paper Path, or DFD Adapter and Finisher Bridge-AZ/B1 required.

⁸ Dimensions include Plockmatic BLM 50/35 Booklet-maker, Booklet Fold Module, and Trimmer.

⁹ Booklet Finisher-AG1 and Booklet Trimmer-G1 required.

¹⁰ Optional.



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