



EXPERIENCE **iX**
MORE PROFIT. MORE BUSINESS.

DATASHEET

VARIOPRINT iX-SERIES

The varioPRINT iX-series revolutionizes the commercial printing business experience. It combines stunning image quality and a wide media range with the high productivity and attractive cost efficiency of inkjet. So, commercial printers can say “Yes” to virtually any job, based on the agreed turnaround time and price, then print it to generate more profit and more business.

Experience productivity

More jobs. Shorter runs. Tighter deadlines. To stay ahead, commercial printers need a press that allows them to easily set up jobs, switch media, personalize and run 24/7 with minimal operator intervention. This is where the varioPRINT iX-series excels.

- 312 ipm and more than 9360 4/4 letter sheets per hour
- 4740 11 x 17 sheets 4/4 per hour
- 4500 12 x 18 sheets 4/4 per hour
- More than 94% uptime
- All-in-one print platform with end-to-end automated workflow
- Paper input capacity of up to 23,400 letter or 13,500 sheets any format

Experience cost efficiency

The varioPRINT iX-series excels in cost-efficient operation. How do attractive running costs sound? How do savings in labor and operations sound? Experience the varioPRINT iX-series, and enjoy more profit.

- Attractive low running costs
- More than 2x more productive than other B3 toner presses
- High automation and minimal operator intervention

Experience quality excellence

Thanks to many iQuariusiX innovations, the varioPRINT iX-series print quality rivals any other established print technology. It prints coated and uncoated media, up to 350 gsm with consistently high quality.

- Innovative printheads and image processing
- Intelligent nozzle activity and uniformity control
- Print environment optimization and ink conditioning for optimal printing performance
- Proprietary polymer pigment water-based iX inks and ColorGrip
- High registration accuracy
- Advanced color management

Experience application versatility

High-quality brochures that blow customers away with their color and detail. Sturdy postcards and direct mail pieces with targeted content. Books, versioned manuals, collateral, and catalogs. That’s what the varioPRINT iX-series delivers.

- Offset coated media from 90 to 350 gsm
- Uncoated media from 60 to 350 gsm
- Mixed media during a run
- Workflow automation
- Wide choice of online connected finishing with open DFD interface

SMART CHANGE STARTS HERE.

iQuariusiX technology

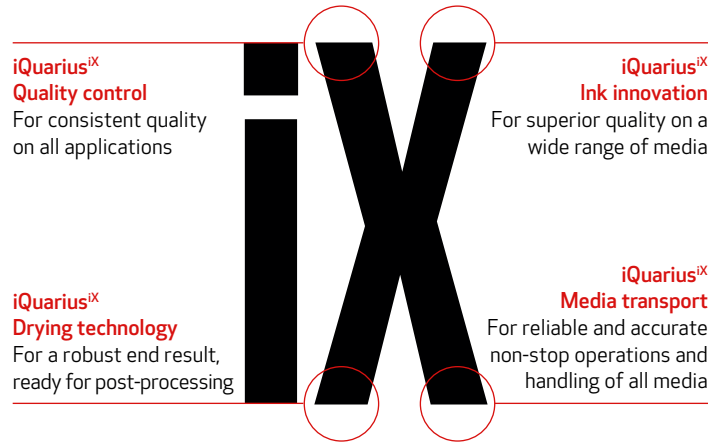
The foundation of the varioPRINT iX-series is an integration of highly innovative technologies that make it possible to:

- Transport a wide range media.
- Print at incredibly high speeds.
- Produce stunning image quality.

TECHNICAL SPECIFICATIONS

TECHNOLOGY	
Print technology	Inkjet, Drop-on-demand, piezoelectric
Ink	Proprietary polymer pigment water-based iX inks
Drop size	Variable, MultiLevel
Print speed	varioPRINT iX3200: 312 letter duplex images per minute 4740 11 x 17 sheets 4/4 per hour 4500 12 x 18 sheets 4/4 per hour varioPRINT iX2100: 205 letter duplex images per minute
Duty cycle	varioPRINT iX3200: 1,000,000 – 10,000,000 letter impressions/month varioPRINT iX2100: 1,000,000 – 7,000,000 letter impressions/month
Print resolution	1200 x 1200 dpi
PAPER	
Paper weight	Uncoated: 60 - 350 gsm Coated: 90 - 350 gsm
Substrates	Commodity coated and uncoated papers including specialties
Standard configuration	2 Paper Input Module (PIM Flex XL) 1 High Capacity Stacker
Paper sizes	PIM Flex XL: All sizes between 8" x 8" and 13.78 x 20" supported
Maximum printable area	13.3 x 19.8
Paper capacity	3 PIMS x 4,600 sheets per PIM (13,800) 20 lb. bond
PAPER INPUT MODULE FLEX XL	
Paper trays	2 x 600 sheets, 2 x 1,650 sheets (80 gsm)
Standard paper capacity	4,500 sheets
Paper size	Paper trays 1 and 2: 600 sheets 20 lb. bond 8 x 8 to 13.78 x 20 Paper trays 3 and 4: 1,700 sheets 20 lb. bond 8 x 8 to 13.78 x 20
Dimensions (WxDxH)	37.2 x 34.8 x 44.4
Weight	441 lbs
HIGH CAPACITY STACKER	
Stacks	2 x 3,000 sheets (80 gsm) per stacker
Dimensions (WxDxH)	36 x 30 x 43.2
Weight	353 lbs
INTEGRATED CAMERA MOUNTING UNIT (OPTIONAL)	
	Inline camera inspection
Dimensions (WxDxH)	3.2 x 1.2 x 4.6
Weight	448 lbs

* Included in Base Configuration



iQuariusiX
Quality control
For consistent quality on all applications

iQuariusiX
Ink innovation
For superior quality on a wide range of media

iQuariusiX
Drying technology
For a robust end result, ready for post-processing

iQuariusiX
Media transport
For reliable and accurate non-stop operations and handling of all media

PRISMASYNC CONTROLLER	
Network connectivity	Internal: 1 x 10 Gbit Ethernet; External: 2 x 1 Gbit (10/100/1000 Base-T), TCP/IP (LPR/LPD, 9100 Socket), Static IP / Auto-IP (DHCP), IPv4, IPv6 (only in Document printing mode)
Page Description Languages	PDF 1.7 (Extension Level 3), APPE DP mode is 5.4, APPE for TP mode is 4.9, PDF/VT (Level 1), Postscript, PPML 2.2, IPDS IS/3, SRA PCL6
Job submission	lpr, Hotfolders via WebDAV, Socket (streaming), JDF/JMF, IPP 2.0, Remote PDF Driver
Protocols	SNMP v1, SNMP v3, Host Resources MIB, MIB II, Printer MIB, Job Monitoring MIB, Job Management MIB (partially), IEEE 802.1x
Spot Color Libraries	PANTONE+ Solid (Coated & Uncoated), PANTONE GOE (Coated & Uncoated), HKS (K,N), HKS (K,N) 3000+ PANTONE+ Solid 336 New (Coated & Uncoated)
CONNECTION REQUIREMENTS	
Connection fuse	230/400 VAC, 100A; 100-240 VAC, 13-20A; 100-240 VAC, 13-20A; 200-240 VAC, 13-20A; 100-240 VAC, 13-20A
Power consumption printing	14.9 kW
Power consumption idle	7.1 kW
Power consumption sleep	0.9 kW
Compressed air	5-12 bar, dry and oil free
Water	Reverse osmosis water system
ENVIRONMENTAL	
Temperature	Optimal range 20–26 °C
Humidity	Optimal range 30–50%
Operating noise	Printing 72 dB, Standby 61 dB
PHYSICAL DATA ⁽¹⁾	
Length x Width x Height	33 x 9.2 x 7.3
Weight	Approximately 15,900 lbs. (main engine, 2 PIMs, 1 HCS)
OPTIONS	
Paper trays	Duo Paper Trays
High Capacity Stacker	Second High Capacity Stacker
Integrated camera mounting unit	
Inline finishing	DFD interface SFD interface DPlink DocBox*
PRISMAsync	PRISMAalytics Dashboard* PRISMAsync Simulator PRISMAprofiler

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