

High Volume Addressing

- **Fast drying inks enable printing on broad range of materials**
- **Line speeds up to 967 feet per minute (295 m/min.) for exceptional throughput on even the most complex jobs**
- **Quick start up in just minutes using Videojet's new Crescendo System Controller**
- **Dual 2-inch printheads from one cabinet provide maximum flexibility**
- **Optimum print quality during continuous operation ensured via auto-phasing function**



Versatile, Dependable High Speed Printing

The Videojet® BX Series Binary Array Ink Jet Printers

Exceptional Throughput

Throughput is the name of the game for your business — the more jobs you can print, and the faster you get them done, the more money you make. The BX6500/6600 Series printers are designed to let you print an unlimited variety of jobs — quickly and reliably. The Videojet BX6500/6600 Series printers offer 2-inch (51 mm) print bands. Videojet's dual-head configuration operates off a single print engine and provides the ability to print four continuous inches (102 mm), or separate the heads to print on different areas of the target piece, i.e., an address and indicia.

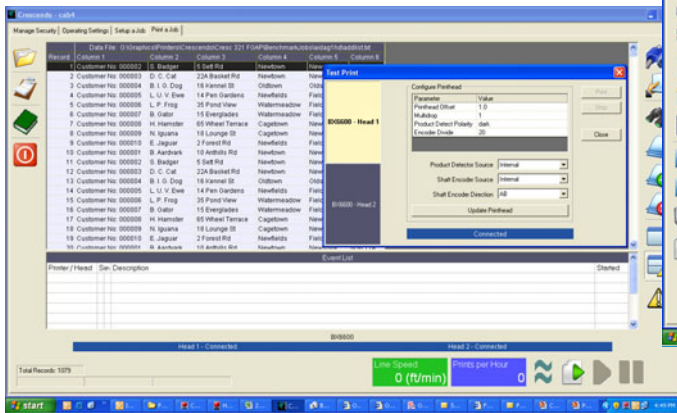
Versatility

With a 128 x 256 dpi resolution, the BX6500/6600 Series printers provide solid print quality for addresses, maps, graphics, promotional messages, loyalty cards and a wide range of other applications. Whether it's basic addressing of mail pieces or more complex printing of variable graphics, logos and 2D barcodes on difficult to print on substrates, the BX6500/6600 Series printers provide unparalleled value and flexibility.



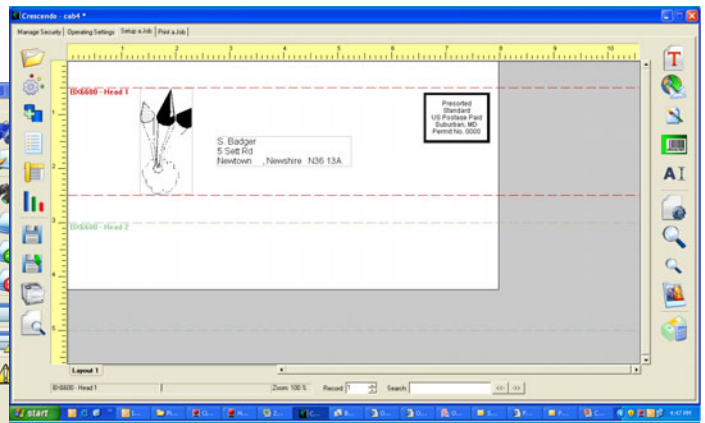
Get Up and Running Quickly and Keep Performing

A computer initiated start-up sequence minimizes manual operator procedures and gets you into print mode in a matter of minutes. Print shut down is just as simple, with a couple of quick mouse clicks doing nearly all the work. To ensure maximum print performance, previous generations of binary array printers required operators to periodically stop the line and run a phasing routine. The BX6500/6600 Series is all about uptime, utilizing an automatic phasing process that optimizes print quality and uptime without any operator intervention.



Crescendo, A Simple to Use and Powerful User Interface

Videojet's Crescendo Controller is a simple to navigate operator interface. Crescendo comes standard with pass code sign in levels to ensure appropriate access. Crescendo includes PDF proofing which simplifies variable data placement and turns the finished layout into a PDF for easy e-mailing to your customer for signoff. Additionally, the new Intelligent Mail® Barcode font is included in the Crescendo controller.



Prints on Your Choice of Substrates

Videojet offers a wide variety of fast drying inks ranging from MEK to acetone, which means you can expand your business to include jobs printed on aqueous or UV coated or other difficult to print high gloss stocks. Print dries to the touch in one second — unassisted — so you can eliminate dryers and their associated high energy costs. Red, green and blue inks enable you to add a splash of color to the print job, and specialty inks are available for printing on plastic cards and for unmatched bar code readability. We design Videojet fluids for optimum performance in our printers, providing reduced operating costs, increased uptime and maximum print quality. Five-liter ink and make up reservoirs provide longer, uninterrupted production runs, and our TotalSource® program can offer significant savings on Videojet fluids.



High-Speed Digital Printing

Clocking in at 967 feet per minute (that translates to over 50,000 mail pieces per hour with in-line automatic mail sorting), the BX6500/6600 Series printers are ready to take on your fastest jobs (including verified readable POSTNET™ and Intelligent Mail® Barcodes). Whatever your imaging requirements – addressing, ingredient statements, bar codes – the BX6500/6600 Series delivers high image quality for your high speed application.



High Reliability Plus Durability Equals High Productivity

Why pay for unnecessary spare components? The BX6500/6600 series printheads are built to last – not intended to be "consumable" items. Designed to last the life of the system, our printheads have no hour meter and do not require replacing or refurbishing. In short, the BX6500/6600 series were designed to withstand the most rugged applications. From our corrosion- and solvent-resistant stainless steel IP 54-rated cabinet to our permanent printhead nozzles, the BX6500/6600 systems are built to last.



Flexible Configurations and Universal Compatibility

The BX6500/6600 Series printer can be used as a stand-alone printer or as part of an in-line printing application. The BX6500/6600 system can be integrated with a variety of production equipment – web presses, bindery, production lines – whatever your application, this printer can handle it. The compact design of the printhead, a 20' (6 m) umbilical, and the ability to print in any angle (360° rotation), even straight up, means you can produce your digital image on just about any substrate in just about every in-line application imaginable. For bindery applications, position one printhead upside down underneath the plow station, and add a second printhead printing at 90° — on the same plow station! You can even roll the BX6500/6600 Series printer from job to job as necessary.

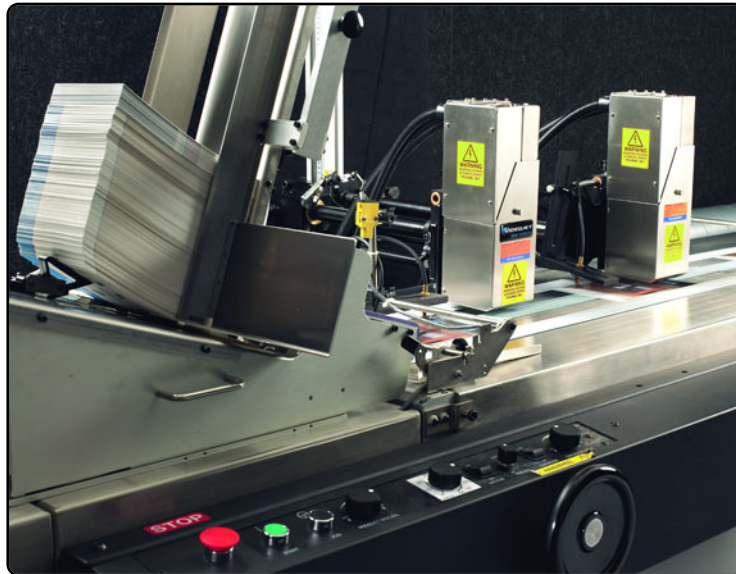


Enhance Your Existing BX

The launch of the BX 6500 & 6600 models presents the opportunity to upgrade existing BX 6300 & 6400 units already in production. The upgrade consists of replacing an existing BX controller with the Crescendo controller as well as switching out certain less-capable boards within the printer engine. The result is an enhanced BX printing system that allows you to not only save time through additional controller features but also the ability to take on more complex and demanding jobs.

The Perfect Combination

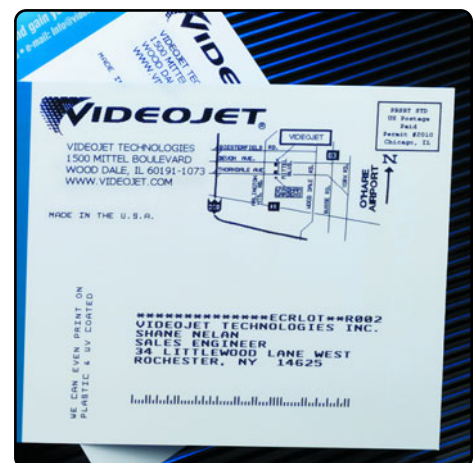
An often overlooked element of print quality is the paper path. Videojet's Cheshire® line of ink jet bases provides unmatched performance in vacuum transport and friction feed technology, with benchmark features like independent feeder speed and transport controls, automatic space control and Feeder Sort Control to provide a visible gap between batches. Designed to provide vibration-free superior media control, a Cheshire base and BX6500/6600 Series printer deliver an unbeatable combination when high quality print is required.



Videojet TotalSource® Services

The **TotalSource** program is the finest and most complete technical support system in the business. These services include everything from expert applications assistance, operator training and a full spectrum of maintenance services. The **TotalSource** program ensures total customer satisfaction.

Support when you need it



Specifications

Print Specifications

Resolution

128 (Vertical) x 256 dpi (in the direction of travel)

128 x 128 @967 feet/minute (295 m/min.)

Print Speed

967 feet/minute (295 m/min.)

Print Height

2 inches (51 mm) per printhead, up to two printheads per cabinet

Graphics

Downloaded multiple formats including: jpg, bmp, pcx etc.

Fonts

Windows® TrueType® fonts

Bar Codes

Linear: Code39, Code128, EAN128, ITF, EAN8, UPCa, UPCe, Codabar

4 State: Intelligent Mail® Barcode (OneCode)

Royal Mail, KIX, Australia Post

2 State: POSTNET™, Planet Code

2D: PDF417, DataMatrix, German Premium Address

Rotation

Barcodes: 90 degree intervals

Text and graphics: any angle

Print Band Orientation

Normal, Invert, Reverse, Invert and Reverse

Throw Distance

1/16" - 1/4"

Applicable Substrates

Non-coated and coated (including Aqueous and UV coated) and plastic

Controller and Software

Processor

Intel Pentium 4 Series

Memory

2GB

Operating System

Windows® XP

Hard Drive

80 Gb

Network

2 of 1GBE, Standard Videojet IO Box

Software

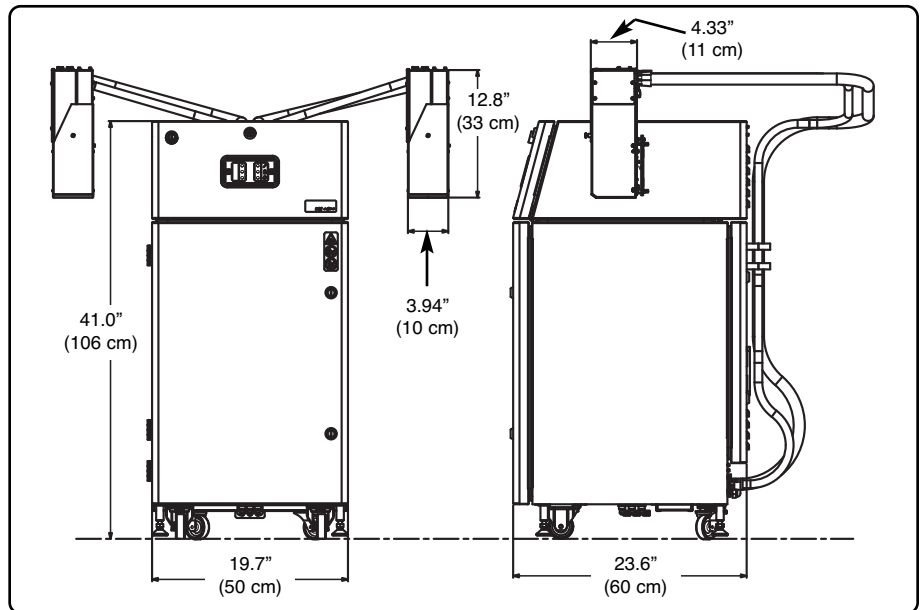
Integrated suite for configuration, maintenance, layout, and printing data

Diagnostic Software

Inspector™ – provides monitoring of a variety of operational parameters and manual override capabilities (optional)

Data Formats

Fixed Field, Fixed Record, Delimited, Multiline, CSV, TEX, TX2, MDB, DBF, JS2



Fluids

Capacity

5.3 liter permanent reservoirs for ink and make-up

Ink Types

MEK, Acetone, Ethanol, Acetone/Ethanol Blend

Colors

Black, Red, Blue (Acetone only), Green (Acetone Only)

Fluid System

One per head, enabling multiple colors on a multi-head printer configuration

Special Purpose Inks

Black MEK versions for optimized bar code readability and additional plastic card adhesion

Electrical and Environmental

Power Requirements

220 - 240 VAC 50/60 Hz or 120 VAC 50/60 Hz, Single Phase

Current Draw

8 amps

Operating Temperature

40° F (4°C) to 100° F (38°C)

Humidity Range

10% - 80% RH non-condensing

Cabinet Rating

IP5X

Ventilation

Recommended at the printhead

Optional Accessories

Stand-Alone Mount

Stand-Alone Cleaning Station

Product Detector

Shaft Encoder

Mechanical

Cabinet Dimensions

41" (105 cm) H x 19.7" (50 cm) W x 23.6" (60.0 cm) D

Printhead Dimensions

12.8" (33 cm) H x 3.94" (10 cm) W x 4.33" D (11 cm)

Cabinet Material

304 Stainless Steel

Printhead Material

305 Stainless Steel

Positive Air

40/80 psi (15/30 liters) min. consumption

Umbilical

19.7 feet (6 m) in length

Printhead Orientation

Vertically down, vertically up, or any angle between 0° and 180°

Regulatory Approvals

UL E158798

CE

EC EMC directive 89/336/EEC



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