

# Product Features



## BK705 Controller

- Affordable entry level system
- Portable, expandable, upgradeable
- Supports up to 4" of print
- Standard PC, Windows + Compose IQ inkjet control software
- Supports advanced applications; read & print, master/slave and duplex printing
- Option: capable of connecting to a variety of reading devices such as cameras, barcodes, scanners etc.



## BK1705 Controller

- Full size rack-mount construction equipped with all BK705 features
- Accommodates Aurora (UV), Atlas (Monet & Cezanne) and Apollo inkjet technologies
- Supports up to 8" of print
- Capable of operating combined print technologies simultaneously



## BK1710/1720 Controllers

- Full size rack-mount construction equipped with all BK1705 features
- Supports up to 24" of print
- State of the art electronics for printhead ink delivery and vacuum control
- Open architecture for easy upgrading
- Complete job audit reporting of current and archived production 1:1 product to data ratio for system-wide integrity



## BK71B Base

- Inline transport base designed to transport your products precisely, delivering the highest print quality
- Optional left or right product travel, rugged, heavy-duty construction
- 3 x 2" vacuum belts (guided)
- Upstream/Downstream electrical interlocks for 3rd party equipment
- Maximum product width 22" (559mm)



## BK761B Base

- Entry level floor model inline base
- 2 x 1.25" fixed center vacuum belts + 2 x 1" outside adjustable belts
- Optional left or right product travel
- Upstream/Downstream electrical interlocks for 3rd party equipment
- Maximum product width 18" (457mm)



Buskro's 40,000 sq. ft. manufacturing facility in Pickering, Canada

## Our Story

Buskro has been providing solutions to the mailing and printing industries since 1976. With over 30 years of knowledge and experience Buskro has become the trusted specialist in inkjet systems.

We design and manufacture a full line of innovative inkjet imaging equipment to meet a broad range of variable data printing (VDP) requirements, from single print head addressing to multiple print head form and transaction applications. Complementing this equipment is a comprehensive line of high precision transport bases, feeders, conveyors, and extension tables, as well as our industry-leading smart tabbing/labeling systems.

We take pride in providing quality service and support. Buskro service technicians working from offices in the Canada and the US work alongside our global network of factory trained dealers to support our customers around the world.



## HOW CAN WE HELP YOU?

For further information or to see our full product line please visit [www.buskro.com](http://www.buskro.com) or call 1-888-8buskro

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## Controller & Base Guide



# Controllers

## Multifaceted System Control

### Buskro Controllers - The Intelligence Behind Your Print

Today's complex mail & print processes demand sophisticated control and job management

All Buskro controllers come equipped with the latest version of Compose IQ software. These advanced controllers are flexible enough to meet the needs of any variable data printing (VDP) application. Buskro controllers support a variety of inks for numerous applications, including UV, aqueous, solvent & wax. Choose a technology that is right for you with variable resolutions, speeds & print swaths at your disposal.

Some of the standard features are their modular, open architecture that will allow you to expand your line as your business grows. Compose software features a variety of built in barcodes including IMB, the ability to select any true type font, rotatable print angles, built in job audit reporting and a host of graphic formats including .BMP, JPEG, WMF, TIF and PDF. Advanced functions such as OCR read and print with real time one to one product tracking can be easily added, either when first purchased or as a field upgrade. These portable designs allow you to select any of Buskro's transport bases, mount on your existing transport base or integrate with virtually any production line for a customized mail and print solution.

Choose one print technology or mix several for greater flexibility - Buskro controllers can handle them all!



BK1705 Controller



BK705 Controller

Support	BK705	BK1705	BK1710	BK1720
Compose IQ	Yes	Yes	Yes	Yes
Tracking Option Capable	Yes	Yes	Yes	Yes
Combo Option Capable (e.g. Atlas & Apollo)	No	Yes	Yes	Yes
Max. inches Apollo (1 to 4" Printheads)	4"	8"	16"	16"
Max. # Apollo-4C Printheads	1	2	4	4
Max. # Atlas or Aurora Printheads	2	4	4	8
Max. inches of Atlas or Aurora Print	3"	4"	12"	24"
Max. Atlas or Aurora 1250 Printheads (1")	2	4	4	8
Max. Atlas or Aurora 2250 Printheads (2")	1	2	4	8
Max. Atlas or Aurora 3250 Printheads (3")	0	0	4	8

### Dependable Transports

Inline and offline transport bases are designed to achieve maximum efficiency and highest print quality for every mail and print application.

The combination of controller, print heads and transport base provide ready-to-use solutions for a wide range of mail and print applications from simple to sophisticated.

Buskro bases feature rugged, heavy-duty construction that promote years of trouble free operation. Designed and built to our highest Buskro standards, these transport bases are durable & dependable.

The BK7IB is Buskro's premium inline base. Buskro's 7IB has been engineered with recessed belts, high capacity vacuum pumps and chambers, optimized encoder mounting and a state of the art electronic drive system. These features coupled with its isolated tabletop, produce incredibly accurate registration for the highest level of print quality.

This quiet, robust base ensures years of reliable trouble free operation with very little maintenance required. The 7IB can be interfaced with most Buskro accessories including tabbers, dryer extension tables, friction feeders, ramp up tables, conveyors and is compatible with all print technologies.



BK7IB Transport Base

### Inline Transport Base

Buskro's BK76IB is an affordable entry-level inline transport base that does not compromise flexibility or reliability. This product offers solid construction at a lower price point and a slightly smaller footprint than the BK7IB.

Designed with modularity in mind, the BK76IB is capable of integrating with a number of Buskro products including feeders, extension tables, ramp-up tables, conveyors, other inline bases, tabbers/labelers and is compatible with most print technologies providing a great deal of versatility.

Models	BK7IB Inline	BK76IB Inline	BK60B	BK750
Type	Heavy-duty; Full console; Left/right product travel	Medium-duty; Left/right product travel	Heavy-duty; Full console; Left/right product travel; Integrated shuttle feeder	Heavy-duty
Transport belts	3 x 2" vacuum (guided)	2 x 1" vacuum, 2 x 1" outer	2 x 1" vacuum, 2 x 1" outer	2 x 1" vacuum, 2 x 1" outer
Transport control	On/Off power; Run/Stop/Log; Speed	On/Off power; Run/Stop/Log; Speed	On/Off power; Run/Stop/Log; Speed	On/Off power; Run/Stop/Log; Speed;
Other controls	Conveyor speed; Stacker control			
Options	Feeder; Flip-up feeder table; Extension table; Conveyor; Tabber; IR Dryer	Feeder; Feeder table; Extension table; Conveyor; Tabber; IR Dryer	Extension table; Conveyor; Tabber	1 or 2 Lamps



BK76IB Base & Extension Table



BK1710 Controller

Models	BK705/1705	BK1710/1720
Type	Integrated cabinet	19" rack-mount modules
Print Head support	Up to 8" of Apollo print; up to 4 Atlas 1" print heads or 4 Aurora 1" print heads or 2 Elite Print Heads	Up to 16" of Apollo print; up to 4 Atlas or Aurora Print Heads. Add an expansion kit to print up to 24" or mix technologies
Platform	Windows 7	
Standard components	Keyboard; Mouse; LCD; Ethernet; 2 Serial ports; Ink delivery; Live support elements; Power management	
Technology	Network ready; Datapath Technology for synchronized print head communication	
Applications	Addressing; Product Tracking (up to 8 zones); Read & Print; Verification; Selective Inserting	



BK750 Curing Station

### BK750 Curing Station

The BK750 curing station is equipped with two UV Curing lamps that provide sufficient energy to cure even the highest resolution print at elevated production speeds.

Height and lateral positioning adjustments are fast and easy, accommodating materials of various thicknesses while ensuring optimal lamp positioning over the printed image for maximum UV light exposure.

Equipped with two sensors for tracking products entering and exiting the lamp area, the BK750 Curing Station makes certain all products are cured and transported to the delivery conveyor helping to prevent lost or damaged pieces.