

ATLAS™ Inkjet Printing System

The standard for high volume personalization

Buskro ATLAS Inkjet Printing System



FEATURES

- Very low ink cost per thousand images depending on application
- Fast drying Monet™ inks for outstanding results on most glossy or coated stocks
- Fast—Up to 40,000 pieces per hour
- High-resolution graphics on the fly
- Reliable performance and reduced maintenance
- Modular design—Can be combined with other print technologies on the same operating platform
- Mount up to 8 Atlas printheads on one system with the Compose IQ™ controller.

Fast, High Quality Print

The Atlas Inkjet system combines the advantages of fast production speeds with outstanding print quality, plus low consumable costs. Atlas features Monet™ Ink, a non-volatile solvent based ink that does not emit VOCs, yet allows you to print onto most coated or glossy stocks!

Atlas prints up to 40,000 pieces per hour giving you faster turn around times and outstanding productivity. But Atlas™ doesn't stop there. It's clean, sharp images are produced with software selectable print resolutions including 110, 220, 330, 440, and 660 DPI-among the highest resolution available in a production inkjet printer! Produce high-resolution addresses, barcodes, logos, graphics, marketing messages and more "on-the-fly" with no production slowdowns!

Atlas System Flexibility

Atlas print heads are available in two maximum print heights: the Atlas standard provides up to 1" print path, and the Atlas DV Print up to a 2.5" tall print path. Print large, clear graphics or text as small as 4 point with one system.

Monet™ Ink

For excellent results every time, use Buskro's Monet™ inks with the Atlas™ printhead. These inks dry quickly on most coated stocks. They feature very low ink cost per thousand images depending on the application and come in one liter bottles which are safe to use, store and transport.

Applications

- High volume personalization
- Randomly selected, high-quality bitmap graphics
- Envelopes, Inserts, magazines, flats, books, etc.
- Interface with vision recognition systems for read and print, and selective control applications
- Interface to high-speed graphic equipment

Smart Design - Proven Performance.

Rugged construction, simplified electronics, and improved array design make Atlas a reliable performer at elevated print speeds, with less stopping and lower maintenance requirements. Atlas is a proven performer in applications around the world requiring fast speeds, high quality and advanced control.

Atlas can be interfaced with a wide array of other Buskro components to build a customized inkjet imaging system. Choose the BK700 portable controller with Compose™ IQ

software, along with inline or stand-alone transport bases, print technologies and other accessories. Buskro equipment can also be integrated into larger systems including folders, inserters, tabbing/labeling units, bindery and other related equipment for increased versatility. The controller, software and inkjet printer are all included for one low price.



Atlas



Atlas DV

Printhead Specifications

	ATLAS	ATLAS DV
Printhead type:	piezo	piezo
Vertical print coverage:	1.05" (26.7mm)	2.56" (65mm)
Vertical resolution:	250 DPI	200 DPI
Horizontal resolution:	110, 220, 330, 440, 660 DPI	110, 220, 330, 440, 660 DPI

Ink Costs

Resolution (DPI)	Consumption†	Approximate Cost \$/1000
110	4,020,000	\$0.10 - \$0.15
220	2,010,000	\$0.19 - \$0.24
330	1,340,000	\$0.29 - \$0.34
440	1,000,000	\$0.38 - \$0.43
660	670,000	\$0.57 - \$0.62

* Ink consumption and cost per 1000 pieces is based on a 6-line address containing on average 100 characters using an Arial 11 point font.

† Total pieces per liter of ink based on six-line address.

Production Rates

Resolution (DPI)	ATLAS		ATLAS DV	
	Surface Speed	Production Rate	Surface Speed	Production Rate
110	1,500 fpm (7.5 m/s)	40,000 pph	1,050 fpm (5.4 m/s)	40,000 pph
220	900 fpm (4.6 m/s)	40,000 pph	525 fpm (2.7 m/s)	33,000 pph
330	600 fpm (3.1 m/s)	39,200 pph	350 fpm (1.8 m/s)	21,000 pph
440	450 fpm (2.3 m/s)	29,500 pph	262 fpm (1.35 m/s)	16,500 pph
660	300 fpm (1.5 m/s)	19,600 pph	175 fpm (0.9 m/s)	10,500 pph

For more information, contact Buskro today!

BUSKRO
Built for today | Designed for tomorrow

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