

# ATLAS™ UVC Inkjet Printing System

*Printing for coated substrates without solvent emissions*



Buskro Atlas UVC Inkjet Printing System with Controller

## Incredible Quality Without Solvent Emissions

Now, reliability, print quality, adhesion and environmental friendliness are all combined in one inkjet printing system with the Atlas UVC from Buskro. For the first time in the industry, UV printing is available for high speed variable data applications such as addressing, barcode printing, and high quality graphic images, providing a safer alternative to volatile solvent based inks for imaging onto coated paper, plastic, even metal at high speeds with incredible resolution!

## Proven Performance

The Atlas UVC is built upon the proven Atlas DOD print technology, using Renoir™ UV curable inks. The UV ink prints without solvent emissions and hardens into acrylic instantly upon exposure to UV light, forming beautiful, indelible images at production speeds.\*

\*Production speed dependent on curing rate and jetting frequency (DPI).

## PRINTS ON...



Coated Stocks...



Plastics...



...Even Metal!

## FEATURES

- Prints onto a wide range of substrates with **NO SOLVENT EMISSIONS**
- Outstanding image quality – up to 660 dpi
- Production speeds up to 29,000pph+
- State-of-the-art, proven Atlas print technology
- Fast curing UV inks
- Smart, powerful and easy Compose IQ™ system management software
- Industrial, rugged construction featuring BUSKRO quality mail bases

## Powerful System Control

Atlas UVC inkjet systems feature the BK700 controller with powerful Compose IQ™ v 5.0 control software. Compose IQ provides true product tracking for complete print data integrity with one-to-one product to data relationship, system-wide error detection, complete job audit reports, selective waste management and real-time display of product flow. Compose IQ can control up to eight UVC print heads and eight print handling transport zones with easy interface to vision systems and barcode readers for read & print, print verification and selective control applications.



Includes Compose IQ™



Atlas UVC Print Head



BK750 Curing Station

## SPECIFICATIONS

### Atlas UVC Print Head (BK791-U)

Atlas DOD Piezo technology  
1" vertical print swath  
Selectable horizontal resolution;  
110, 220, 330, 440, 660 dpi  
Print speeds up to 29,000 PPH  
@ 330 DPI, (2.5 m/s)  
(dependent on cure rate)  
Modular design; 2 print heads/ink  
delivery module (IDM) 2 IDM/ink  
delivery system  
Uses Renior UV curable inks

### Renior UV Curable Inks

Instant-curing with UV light  
curing station  
300 mJ/cm<sup>2</sup> dose requirement  
"D" type-iron doped  
9 month shelf life  
1 liter collapsible container

### BK750 Curing Station

Mounted on BK7IB Transport Base  
Curing Hood – up to 2 300 W/in  
fusion lamps  
Full safety interlocks –  
70% lockout  
Product tracking – divert & stacking  
signals  
UV light Shielding  
Ozone, ink particles, and heat  
exhaust  
Exhaust - 5" dia. @ 600 CFM  
(1 or 2 - 300 W/in curing lamp)  
(non-shuttered)  
Electrical power – 50 Amps @  
220 VAC

### BK700 Controller

Includes Compose IQ v 5.0 control  
software  
Runs in standard, slave, master or  
OCR modes  
Windows based, real-time  
WYSIWYG format  
Built-in control capability of  
read & print and print  
verification systems  
Supports up to 8 UVC print heads  
(4 ink delivery modules)  
Product tracking and monitoring  
up to 8 zones (optional)  
System architecture – one-to-one  
product to data relationship

System-wide error detection with  
stop, divert and re-order  
System integrity...networking,  
auditing, tracking, communication,  
and control  
Audit reports - completed, not  
completed, duplicate, lost  
Controls simultaneous printing of  
2 print technologies  
Print text, barcodes, lines, boxes,  
graphics  
Selective output control and  
feedback monitoring of up to  
52 outputs (optional)

For more information, contact Buskro today!

**BUSKRO**  
Built for today | Designed for tomorrow

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