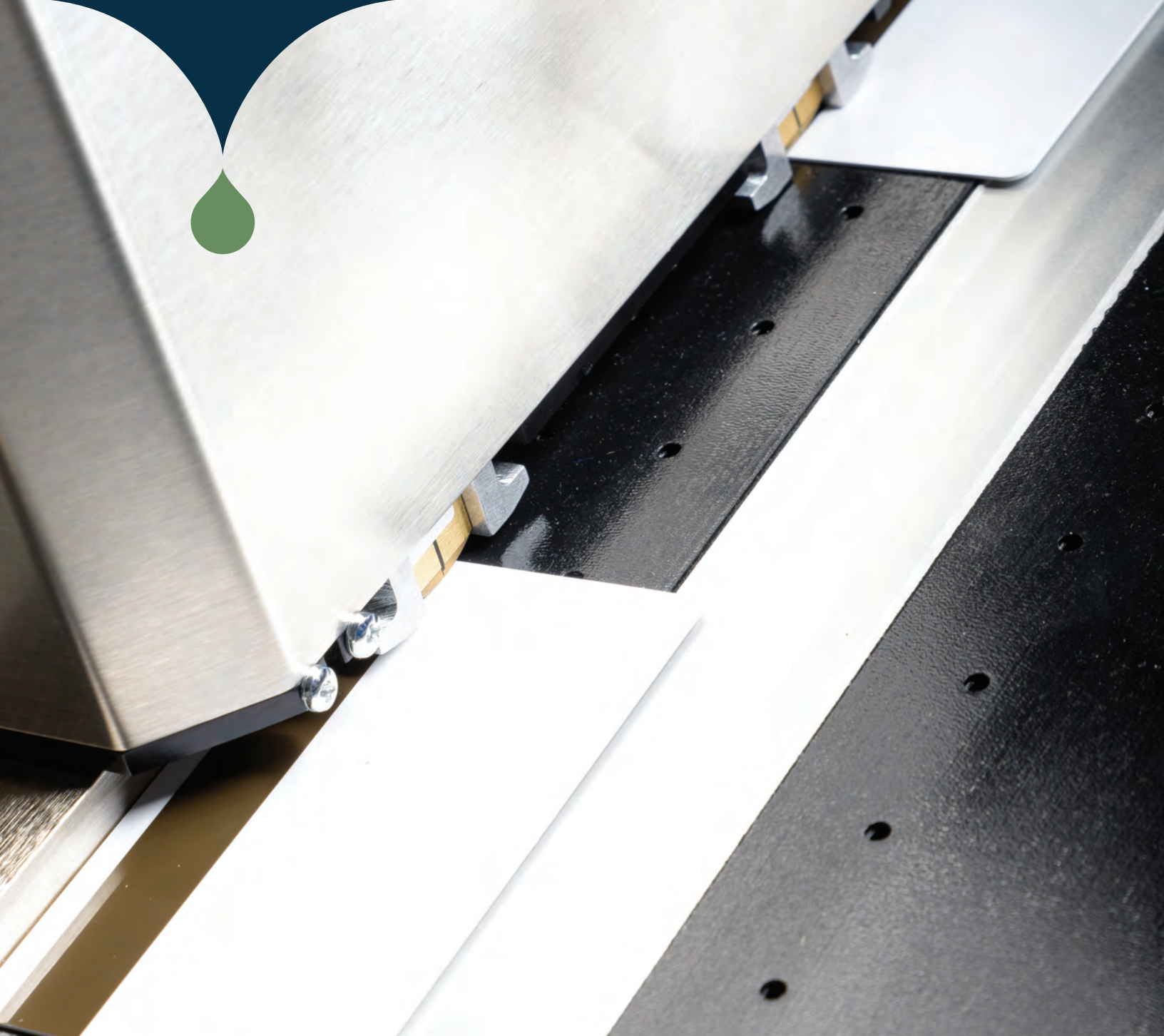


Card Personalization System



www.buskro.com

BUSKRO
Built for today | Designed for tomorrow

With over 40 years of knowledge and experience, Buskro has become the trusted specialist in inkjet systems.

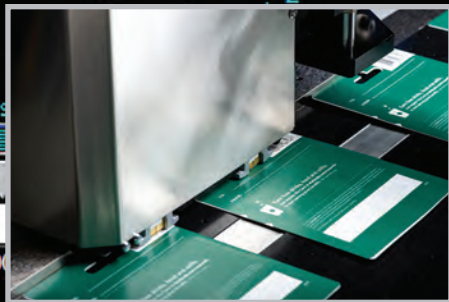
Cost-effective Card Personalization

The Buskro CPS is a robust, full-featured, personalization system offering magnetic stripe and RFID encoding, monochrome and CMYK inkjet printing, label affixing and product-verification capabilities.

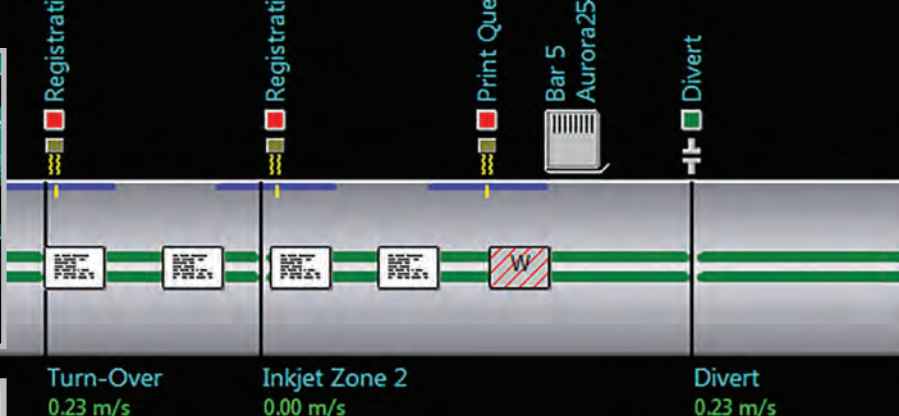
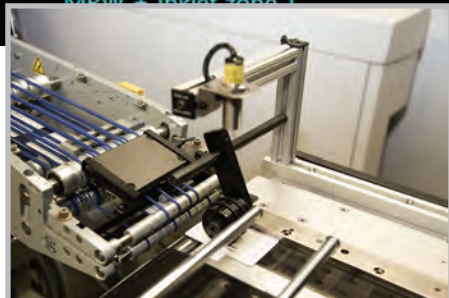


Buskro's Card Personalization System (CPS) offers complete solutions for the processing of a wide variety of your card personalization needs. We provide our customers with a range of modules and card-processing devices, scalable to suit current and growing business needs. All of Buskro's system elements and transport devices are built from the ground up, resulting in the CPS seamlessly and effectively integrating all elements of the system, at an affordable cost. Buskro's CPS is modular in design, incorporating

three main elements: A robust transport (MTS) system; various personalization devices for encoding, printing, label affixing and verification; and Buskro's powerful controller, with proven Compose IQ software. The incorporation of these elements combine to form a card-processing platform that ensures individual card integrity and completion. Whether you're applying simple scratch off-labels or personalizing complex dual interface cards, the Buskro CPS can be configured to meet your every need and budget.



MRW + Inkjet zone 1



HIGH-SPEED MAGNETIC STRIPE ENCODING (MRW)

Designed and tested to meet the latest ISO standards, the MRW offers encoding on up to 3-tracks at speeds in excess of 20,000 cards per hour.

- » HiCo and LoCo ISO compliant
- » User-selectable bit densities
- » Single pass, multiple-stripe encoding
- » Forward or reverse encoding
- » Micro-fine head positioning

INKJET PRINTING

A full suite of DOD inkjet printing solutions available in Monochrome and CMYK supported by ink formulations tailored for card printing.

- » Piezo DOD print technology
- » Solvent and UV ink formulations
- » LED ink curing
- » Monochrome: up to 400x660 dpi
- » CMYK: up to 400 (per colour)x1200 dpi
- » Vertical print swath: 2.55" (65mm) or 5.10" (130mm)

RFID

Quick, efficient data transfer and contactless encoding module supporting a wide variety of cards and common protocols.

- » Supports ISO1443x, ISO14443 and ISO15693
- » Non-contact modules can be processed as read or write
- » High speed reading and processing
- » Compliant with ID-1 and RFID cards
- » Commonly used in financial, identification and security markets
- » Ability to operate at Low, High and Ultra-High Frequency

SYSTEM CONTROL

A Windows based controller with Compose IQ software, delivering over 25 years of experience in data management and system integrity.

- » Easy-to-use WYSIWYG interface for rapid and efficient user changes and interaction
- » Variety of fixed & variable text, 1 & 2D barcodes, graphic images, and PDF formats available
- » Real time, individual product tracking and system monitoring with job audit reporting
- » Software options for read and print, image verification, PDF processing, matching, and multi-zone printing and encoding
- » Windows Open and TrueType fonts accepted from 6 to 72 point
- » Easy navigation between operator, layout, diagnostic and setup windows for manipulation of customer data and display of critical information
- » Simple, comprehensive diagnostics for effective system troubleshooting and maintenance

TRANSPORT ELEMENTS

A rugged, modular transport system (MTS) configurable to create a card processing platform tailored to meet your requirements.

- » Turnover unit for multi-side card processing
- » Divert gate for automatic card waste disposal
- » Vacuum transport belts accommodating pieces from CR80 to A3
- » Variety of feeder and conveyor options to fit your application
- » Modular sections available in 0.5m or 1.0m building blocks



Card Personalization System Product Specifications

0.233"	Track 1	Track 2	Track 3
TRACK INFORMATION – AS PER ISO/IEC 7811-2			
Recording Density BPI: bits per inch	10BPI	75 BPI	210 BPI
Character Configuration (including parity bit) BPC: bits per character	7 BPC	5 BPC	5 BPC
Information Content (incl. control characters)	79 Alphanumeric Characters	40 Numeric Characters	107 Numeric Characters
Speed	1.0 m/s	1.0 m/s	1.0 m/s

CPS DIMENSIONS			
Length (standard configuration)	0.5-4m	59-197"	
Width	0.81m	32"	
Height (table top)	0.81-0.85m	32-34"	

POWER REQUIREMENTS			
230 VAC @ 10A			



Features

- » High speed magnetic stripe encoding up to 20,000 pph
- » RFID capabilities at Low, High and Ultra-High Frequencies
- » Piezo DOD print technologies available with UV/LED inks
- » Software options for read and print, image verification, PDF processing, matching, and multi-zone printing and encoding
- » Full suite of cameras and barcode readers for efficient real time tracking and verification
- » Turnover unit for multi-side card processing
- » Vacuum transport belts accommodating pieces from CR80 to A3
- » Scratch-off and label-affixing applications available to further personalize your product
- » Modular transport sections available in 0.5m to 1m lengths, allowing for easy additions and upgrades
- » Ideal for Gift, Loyalty, Health and Transit, Financial Identification and Security Cards

ABOUT BUSKRO

Founded in 1976, Buskro has evolved into an industry leader in the design and manufacture of high quality printing, tabbing/labelling and card processing equipment to meet a broad range of customer needs. Innovation is the key to everything we produce. Our approach of using the latest technology, along with an open architecture, allows our products to meet your current needs and adapt to your future requirements. Buskro equipment features heavy-duty construction from top to bottom, plus design details that promote years of trouble-free operation. Our commitment to

innovation has produced solutions that have not only set the standard, but raised the bar for over 40 years. Working with Buskro's global network of distribution partners, we take pride in providing quality service and support for all of our products, including our legacy technologies. When you consider your needs – the ones you face today and the unknown challenges of tomorrow, and then compare Buskro's total value proposition of price, flexibility, quality and durability... Buskro is hard to beat!

