

# Modular Transport System

Customized product handling solutions



[www.buskro.com](http://www.buskro.com)

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

The foundation for your product finishing and personalization requirements

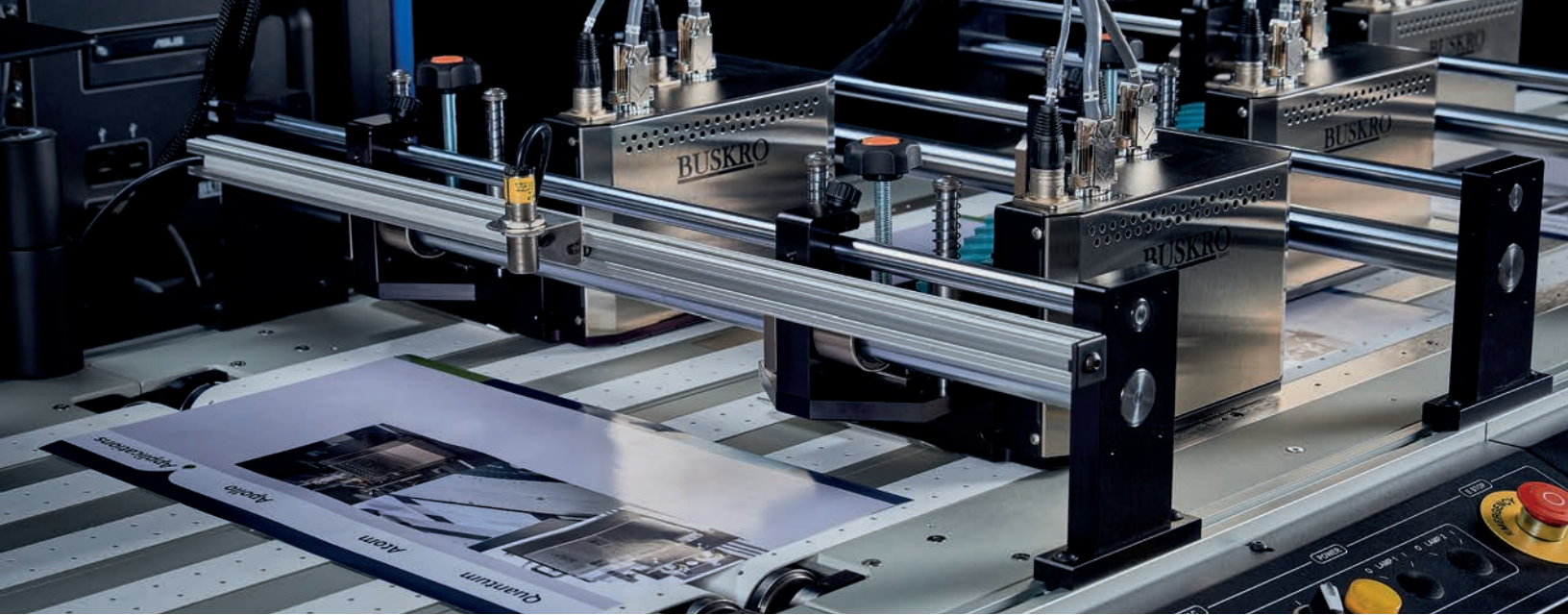
# Engineered Solutions for your product handling needs



# B

## **MTS TRANSPORT BASE**

The BUSKRO modular transport system is a flexible solution for all your transport needs. Robust in design and precise in construction, it's designed to get the most out of your personalization and finishing requirements. Choose the MTS as your personalization and finishing platform for paper, plastic and metal products in the commercial printing, gaming, and packaging industries. Typical applications include card personalization, product attaching, box and package printing, labelling, and printing and inspection.



## ROBUST, SCALABLE TRANSPORT MODULES

Configure the cabinet and populate with modules of varying functions to meet all your product handling requirements including product registration, surface pre-treatment, precision printing platform, ink curing/drying, product turnover, and reject/waste diverting. Add personalization and inspection elements and layer on powerful system controls to make it intelligent. Each module is conceived to easily interconnect and provide smooth and accurate product transport between modules. The MTS transport base forms the foundation of a personalization and product finishing system, fully configurable and customizable that can grow and change to fit all your present and future requirements.

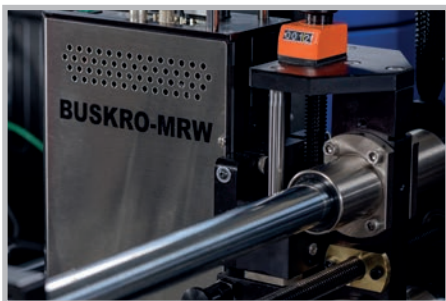
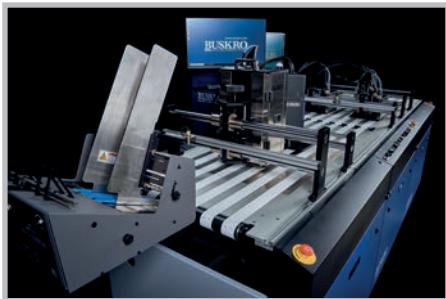
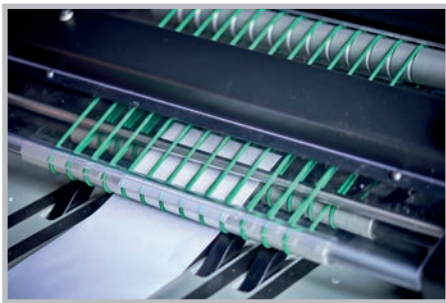
## PRODUCT TRACKING AND SYSTEM INTEGRITY

With a central PLC, Compose IQ, and workflow software

manage your data, system functions, activity reports, and track each product from start to finish. Add inspection to verify your personalization, ensure accurate job completion, and re-order product when an inspection fails. Whether the job requires piece-to-piece, batch-to-batch, or job-to-job personalization, Compose IQ verification and monitoring capabilities ensure that the output you expect is the output you get.

## CONFIGURE YOUR PERSONALIZATION AND FINISHING ELEMENTS

The MTS transport base is the foundation of a personalization system that provides all the necessary elements to combine print, labeling, RFID and Mag encoding capabilities. Finish your MTS system and make it an intelligent solution by adding third-party technologies like scanners, readers and cameras to inspect, verify, and guarantee your personalization results.





# Specifications

## ITEM SPECIFICATION

TABLE 1 SPECIFICATIONS			
MTS Series	390	490	690
Product Width (mm)	A4 - 390 (15.3")	A3 - 490 (19.2")	A2 - 690 (27.1")
Thickness (Module dependent)	Single sheet up to 1/4" (6.5mm) with divert		
Tabletop Height	37.6" to 39" (955mm-1000mm)		
Transport Width (Overall)	33.5" (850mm)	37.5" (950mm)	45.3" (1150mm)
Transport Length	2m increments (depends on configuration)		

## TABLE #2. MTS TRANSPORT MODULES

Item	Length	Function
MTS Cabinet	2m	Main cabinet c/w mechanical drive elements, PLC controls, and electrical system for system foundation
Printing Platform	0.5, 1.0, 1.5m	Transport belt (vacuum) section for personalization and inspection
Surface Treatment	0.5m	Module for mounting of plasma, corona, or heat treatment
Turnover Device	0.5, 1.0m	Device to turn products over for dual-side personalization
Divert UP Unit	0.5m	Unit c/w reject bin to divert and accept waste product
Product Feeder	0.5, 0.75m	Friction feeder c/w friction-belts for product separation and dispensing
Tip-On Feeder	1m	Servo-drive friction feeder for accurate product placement and attaching
Glue Unit	0.5m	Hot/cold glue dispensing unit for product attaching
Registration	0.5m, 1m	Registration section c/w biased belts to register product edge

# Features

- » Functions include: inkjet printing, RFID, MAG, attaching, labeling, material registration & turnover, waste diverting, surface treatment, ink curing
- » Product size range: CR80 cards to A2 sheets (C-size), portrait and landscape
- » Product thickness from single sheet to 1/4" with Divert or 3/4" without Divert
- » Modules in 0.5m, 1.0m, and 1.5m lengths: Edge Registration, Print Platform, Surface Pre-Treatment, Product Turnover, Divert Station, Friction Feeder
- » Personalization elements include: Inkjet Printing, RFID, and MAG Encoding
- » Heavy-duty, precise cabinet construction in 2m sections with central drive shaft and mounting points for 0.5m, 1.0m, and 1.5m modules
- » PLC control with interface to Compose IQ and workflow for product management and handling
- » Compose IQ functions include: information/data handling, system I/O control, layout preparation, personalization element management, production reporting, tracking & inspection, status updates, product waste and re-order, and real-time display
- » Third-party accessories include: Tip-on servo Feeder, Inspection Camera and Barcode Scanner, Corona & Plasma surface treatment, Gluer

# 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!

