

# Digital Label Press

Variable data, high speed/high quality inkjet label printing system



The Buskro DLP125-M is a fully integrated, servo driven digital label press which combines Buskro's proven inkjet and control software capabilities with over 40 years of mechanical and material handling experience to create a simple yet powerful variable inkjet personalization system specifically designed for the label production environment.

## PORTABLE, PRECISE, PROVEN TECHNOLOGY

The DLP125-M is designed to accommodate labels up to 125mm wide with a maximum roll diameter of 482mm on a standard 76mm core, Operating at speeds up to 60m/min. Incorporating all elements. It incorporates all elements of a digital production label printing system in a compact integrated package with user-friendly job management through simple touchpad web controls and intuitive Compose

software making it perfect for production runs of all sizes. All critical elements from the precise servo-driven web drive system to the variable print control and piezo inkjet printing engine have been engineered to provide an efficient, fast, and reliable print solution intended for late-stage, near-line label personalisation.

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

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# Web Transport Unit

## GENERAL

Drive Unit	Twin 120 W Servo-Driven
Drive Direction	Forward & Reverse
Web Speed	0 to 100 cm/s
Roller Core	3" Expandable (76mm)
Roller Width	(13mm) to 5" (127mm)
Roller Diameter	Up to 19" (482mm)
Power Requirement	220 VAC @ 5A

## OPERATOR CONTROL

Operator Interface	Touchpad
Operator Controls	Operator, Setup, Diagnostics
Speed	0 to 100 cm/s
Controls	Stop/Start, Speed Up/Down, Speed display

## INKJET PRINTING

The DLP125-M comes equipped with a fully integrated Quantum 4260 printer which seamlessly integrates on the printing platform of the label press and includes a convenient automated maintenance and park station to deliver optimal print reliability and performance. The Quantum print unit provides a 4.25" (108mm) vertical print swath and produces high-speed, high-quality label images at resolutions up to 600 x 1200 DPI. The DLP125-M can achieve printing speeds of up to 70,000 - 2" (76mm) labels per hour and with UV-curable and Security inks can print on the majority of common label substrates.

## COMPOSE SOFTWARE

Buskro's established industry leading Compose IQ Software provides powerful system controls and data manipulation elements, while its user-friendly interface delivers intuitive tools for fast and easy list importation, job preparation, job storage, production audit reporting and system archiving with real-time information being generated during system operations. Add on cameras or other reading devices for more sophisticated matching operations, verification and preparation of audit files.



## Features

- » Supports 4.25" (108mm) wide print up to 600 x 1200 DPI resolution
- » Simple media path with Unwind/rewind servo web-drive at speeds up to 100 cm/s
- » UV-curable black and security ink formulations for printing on the most challenging substrates
- » Fully integrated inkjet printer includes automated maintenance and LED curing lamp
- » Media rolls from ½" (13mm) to 5" (127mm) wide and up to 19" (483mm) diameter with standard 3" core
- » Quick job change-over with simple media roll installation and software job management
- » Touch screen with remote production monitoring
- » Advanced optional capabilities include: read/print, label position tracking, RFID/print matching, camera inspection/verification, waste management
- » Compose IQ supports fixed and variable text, 1D, 2D and QR Barcodes, as well as common Packaging Barcodes including GS1, Harvest Mark, GTIN, UPC and EAN
- » Record searching, reprinting, duplicate print lockout
- » Buskro's fully integrated contactless RFID solution allows you to read & encode (UID) information onto a variety of formats, including LF, HF and UHF, assign variable data and provide audit files with appended data

