


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 60 m/min. 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

Features

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	½" (12mm) 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 fits 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

Compose IQ, the software driving Buskro systems is well established, handles most data files, saves and recalls common jobs and image layouts, WYSIWYG image layout tools for easy image composition combining elements such as text, graphics, barcodes, serial numbers. Display real-time record print position and status and provides search and recall tools to quickly retrieve and re-position to a specific record, and prevent duplicate printing.



- » 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, postal 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

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