Performance – Touch Dry® Hot Melt inks print on a wide range of substrates and in environments ranging from 0 to 40 °C. The printer, boasting print speeds up to 120 meters/minute, can be equipped with optional printhead slide assembly optimizing both print gap control and print quality.

Flexibility – Cutting-edge communication capabilities include color touch screen, Ethernet, USB, and web user interface, providing increased flexibility and functionality to end users, integrators and OEMs. Optional CoLOS® Enterprise networking software is available for central management of data from remote databases or ERP systems. Compact, modular design for stand-alone operation or complete integration.

Efficiency – Advanced printer design provides quick start up and minimizes overall energy consumption. Uptime features include a unique programmable self maintenance system and ink reloading capability during operation. Touch Dry® solid ink blocks are easily handled for simple and trouble free operation.
Print features

- Printhead dpi
  - Vertical dpi: 200
  - Addressable Jets: 256
  - Nozzles: 512
- Print densities available: 1 to 8
- Encoder scaling: Allows for conveyor line speed matching and for higher print speeds with a reduction in print resolution
- Print area: Maximum print height: 65 mm
- Print length: 1,000 mm
- Print specification: Full true type font supported
- Printing of real-time clock (hr/min), dates and auto updating best before dates and serial numbers
- Barcodes (Linear and 2D): ITF, Code 39, Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, Data matrix, RSS linear, RSS composite, QR, RSS 14, RSS expanded, PDF 417

Operations

- 5800: Up to two printheads
- User interface: Color LCD touch screen used for image selection, variable data entry, diagnostics and system setup.
- Selectable multi-language menus
- Image preview
- Access level password protection
- Full system diagnostic menu
- Printhead orientations: Vertical or up to 20° of process direction
- Software:
  - CoLOS® Create image design software included
  - CoLOS® Create Pro (Optional)
  - CoLOS® Enterprise for networking (Optional)
- Encoder options:
  - Internal: For fixed conveyor speed printing
  - External: For optimizing print quality
  - Recommended for barcode printing
- Photo-edge sensors: Print (trigger) signal and a maximum of two per system
- Software interface:
  - USB for downloading images, settings and data files
  - Ethernet (including web user interface)
  - Communications protocols for PCs, PLCs and packaging machines
  - Compatible with Weihenstephan standard
- Hardware outputs: (3) Fault relay
- Ink replenishment: User prompted to add ink; can be filled without the need to suspend printing
- Interfaces: Hand held product select scanner

Other characteristics

- Weight: Printhead: 7.2 kg
  - Control box: 11.2 kg
- Touch Dry® hot melt inks: Available in various series, colors
- Electrical and environmental:
  - 100-240 V 50-60 Hz

Options

- Printhead slide assembly
- Signal tower assembly
- Post print barcode scanner assembly
- TU Look-up assembly
- Optional expansion unit (OEU) - support 11 inputs, 8 outputs and 1 additional scanner port
- Printer service kits
- Preventive maintenance kits and contracts
- On-site product and tech support

To learn more, visit www.markem-imaje.com

We reserve the right to amend the design and/or specifications of our products without notice.