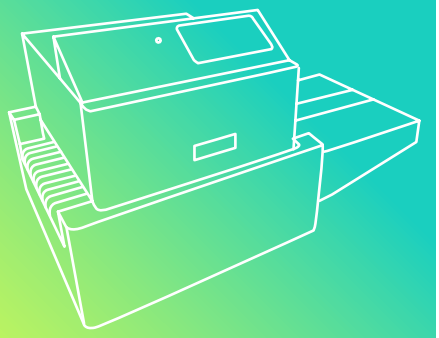
rena
by Quadient

MACH 7



Color Inkjet Envelope Printer

More speed, capability, and value than any printer in its class

EXPERIENCE
A rich history of world-class leadership

PROVEN RESULTS
97% customer satisfaction rate

EXPERTISE
7 trillion personalized experiences annually

BACKED BY THE EXPERTS
Gartner, IDC, Forrester, and Aspire

UNLEASH NEW BUSINESS POTENTIAL FOR MAILING AND PACKAGING JOBS

The MACH 7 is the next generation of short-run inkjet printers. The wide print area and material handling capabilities make the MACH 7 the most flexible and dynamic tabletop envelope printing system ever offered by Quadient.

Unlike toner-based printers which operate at slower speeds and lower dpi, the MACH 7 uses a page-wide (11.7 inches) A3 print engine that spans the width of the media. This innovative design supports full-bleed printing for exceptional creative freedom and capabilities no toner-based system can match.

QUICK FACTS

Designed for printers who print 50,000 envelopes per month or more

- **SPEED:** Up to 10,000 #10 envelopes per hour
- **RESOLUTION:** Vibrant color output up to 1200 x 1200 dpi
- **INK TYPE:** Pigment-based durable ink; fade, scratch, and water-resistant
- **MEDIA HANDLING:** Full-color printing on envelopes and materials up to 1/2" thick
- **PRINT AREA:** Up to 11.7" print width (A3)
- **DISPLAY:** High-resolution 7" color touch screen with integrated control center

PRINT DURABLE, HIGH-QUALITY GRAPHICS ON DIVERSE MEDIA

Leveraging the advanced HP Thermal Inkjet 4.0 Technology, the MACH 7 produces vibrant, full-color images with durable pigment inks that resist fading, scratching, and water damage.

Digital thickness control and a wider feed path allow for media applications up to 1/2" thick and 15" wide. The MACH 7 effortlessly handles a variety of mailing and packaging applications such as envelopes, stationery, and special event invitations. It also prints on 10" x 13" flats, chipboard, corrugated cardboard, folding cartons, and so much more.

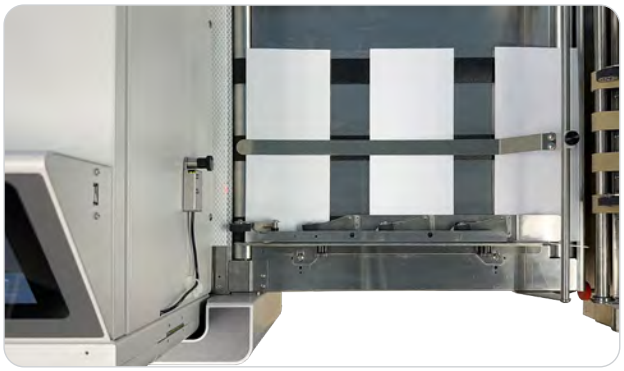
Contact Quadient today for a personal, live, and interactive demo and see for yourself.

BOOST PRODUCTIVITY AND PROFITABILITY

The MACH 7 empowers commercial printers to offer cost-effective short-run color printing jobs to enhance both productivity and profitability.

The MACH 7 is the first tabletop A3 printing system on the market with our built-in AccuTrak registration system. Its fully synchronized and robust intelligent feeding system optimizes throughput, offering precise control and simplifying setup. Faster throughput and more affordable inks save time and money and increase profit on every job.

shown with optional equipment



BEST-IN-CLASS TOTAL COST OF OWNERSHIP

The MACH 7 is the quality and price leader, standing out from other short-run digital printers in its class delivering a low total cost per piece at fractions of a penny. Compared to other machines using color inkjet technology, the MACH 7's innovative material transport and robust yet elegant engineering are unique in the marketplace.

THE MACH 7 STANDS ALONE AMONG PRINTERS OF ITS KIND

- **VERSATILE PRINTING CAPABILITIES:** Multiple print modes with speeds of up to 10,000 #10 envelopes per hour in full color.
- **PRODUCTIVITY AND PROFITABILITY POTENTIAL:** Available intelligent feeder provides unmatched control and ease of use and maximizes throughput.
- **DURABLE AND VIBRANT PRINTS:** Pigment-based inks resist fading, scratching, and water damage, providing exceptional color contrast and durability.
- **WIDE RANGE OF MEDIA:** Handles media up to 1/2" thick, allowing more flexibility for different print jobs.
- **COST EFFICIENCY:** Long-life print engine with a class-leading cost per piece.

SPECIFICATIONS

Print resolution	Up to 1200 x 1200 dpi
Print speed (burst speed, actual production will vary)	
Normal Quality (1200 x 600)	Up to 10,000 #10 envelopes/hour Up to 5,000 Letter pages/hour
Best Quality (1200 x 1200)	Up to 5,000 #10 envelopes/hour Up to 2,500 Letter pages/hour
Print area	Up to 11.7" W x 30" L with full bleed capability for media under 11.5"
Material size min (W x L)	3" x 4"
Material size max (W x L)	15" x 30" (optional feeder max is 15" x 14" with standard guides)
Media thickness	Up to 0.5" (12.5 mm)
Ink capacity	Cyan - 236 ml; Yellow - 223 ml; Magenta – 231 ml; Black - 498 ml
Display	7" color touch screen
HP® TIJ 4.0 Technology	Pigment-based inks
Digital firmware updates via PC	USB 2.0 or Ethernet
Electronic thickness control via touch screen	
Fixed head with full-page bleed print design	
Automatic print head cleaning and capping station	
Available intelligent synchronized top load friction feeder	
Advanced pressure roller & belt drive transport system	
TrueType® or PostScript® system fonts	
ETL/CE/UKCA Certified and Conforms to IEC 60204-1 and RoHS standards	
Color Management	Windows Driver with Color Controls
Electrical	100-240 VAC, 50/60 Hz, 2.5 A

OPTIONS

Intelligent Belt Feeder	Conveyor Stackers/Infrared Dryers
Quadient® Bulk Mailer	Long media feeder kit (up to 24" L)
RIP Software with Color Management	

SYSTEM DIMENSIONS

MACH 7	23" W x 38" L X 22" H - printer only 23" W x 55" L X 26" H - w/optional feeder
Weight	145 lbs - printer only; 195 lbs - w/optional feeder

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