



MEDJET PULSE



The heartbeat of high-performance printing

The moment your line speeds up and your labels stay sharp: that's PULSE. No bottlenecks, no delays, just smooth, precise printing exactly where and when you need it. Finally, a traversing inline system built to keep up with modern production.

It prints full artwork, variable data and codes incl. data matrix directly on medical paper or Tyvek, adapting instantly to changing formats or regulations. With vision inspection ready to be integrated, every print becomes inspected, every batch traceable, and every label compliant by design.

Compact, reliable and ready to scale, MEDJET PULSE helps you reduce downtime, simplify your production, and take control of print-critical processes, without slowing down.

Key benefits

- High flexibility and agility with digital inline printing
- Fastest product changeover with digital artworks
- Cost-efficient operation with low CAPEX and OPEX
- Best-in-class reliability with durable brand components
- Low waste and leaner operations by eliminating pre-printed materials
- High-quality print also on uneven/rough surfaces through contact-free print technology
- Sustainable production with non-hazardous plant-based inks (mineral oil-free) and no UV-curing
- Easy installation and seamless packaging line integration, with small footprint
- Fully compliant medical printing, backed by 40 years of experience, cleanroom-ready: UDI/MDR, 21 CFR Part 11, GS1, HIBC, datamatrix
- Double the print speed compared to other traversing printers
- User-friendly system designed for easy operation and minimal maintenance



Key features

- Printing during standstill of the packaging machine up to 500 mm/sec
- Single- or two-color print with 360dpi, bi-directional, high-speed print
- Connectivity (Ethernet, USB) and integration into ERP systems (e.g. SAP)
- Automatic purge position for safe & convenient cleaning and ink replacement without stoppage
- Windows printer driver, utilizing existing label software (e.g. NiceLabel, Bartender, Codesoft)
- Optional: Vision Inspection for comprehensive & compliant print inspection
- Optional: Label- or workflow-management solution with leading industry providers

Technical specifications

Model	MEDJET PULSE 450	MEDJET PULSE 650
Print area in web direction	71-284 mm	71-284 mm
Print area across the web	up to 450 mm	up to 650 mm
Number of print heads single-color	1-4	1-4
Number of print heads bi-color	2-8	2-8

If you are interested in the MEDJET PULSE or want to learn more about AMACO, please contact us!

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