



ArrowJet
Aqua 800M



High Resolution, High Durability

Print with incredible 1600 x 1600 dpi resolution, wide color gamut, with high durability benefits of water based pigmented inkjet printing!

Incredible Production Print Speeds

Print More, Faster! Even at incredible speeds the ArrowJet can maintain peak resolution of 1600 x 1600 dpi at speeds up to 90 ft/min (27.4m/min) ,1600 x 954 dpi at speed of 150 ft/min (45.7m/min) & 1600 x 640 dpi at speed of 195 ft/min (60m/min)!!

Large Production Capacities

Standard unwinder and rewinder with an OD of 23.6" (600mm), with larger custom sizes available on request! With our built in edge guide and splicing station, setup is fast and easy, saving your time and reducing waste!

Uncontested Production Costs

Utilizing the latest digital printing technology, the ArrowJet Aqua 800M boasts one of the lowest production costs on the market! Fast setup, low waste, and long lasting printheads, all contribute to the cost savings of the ArrowJet Aqua 800M.

Both Offline & Inline Options Available

The ArrowJet Aqua 800M is available with both offline and inline finishing options. Arrow Systems, Inc has a number of digital and analog finishing solutions that can be paired with the ArrowJet Aqua 800M to help create a seamless workflow for your business.

Reduced Material Costs

Compared to water based dye inkjet printers, the coating weights required for our pigmented inks is greatly reduced, which reduces material costs and increases your bottom line. ArrowJet Aqua 800M is compatible with lower primer coats and even some uncoated stocks for maximum flexibility and reduced production costs!

Propriety RIP Software and User Interface

Take your workflow to the next level with the all new and intuitive ArrowJet Aqua 800M proprietary RIP software! The all new RIP is the pinnacle of performance and simplicity for color management control, variable data printing, cost to print, and print job management.

Memjet's water-based pigment inks are meticulously engineered to meet stringent compliance standards, catering to a variety of industries such as Food and Beverages, Pharmaceuticals, Cosmetics, Nutraceuticals, and Wine & Spirits. Noteworthy certifications encompass compliance with California Proposition 65, adherence to Model Toxics in Packaging Legislation, ASTM Toy Safety standards, REACH compliance, RoHS 3 Directive, EUPIA Exclusion Policy, China RoHS 2, JPIMA Negative List, and partial alignment with GMP guidelines, Swiss Ordinance, and Nestle Guidance.

Black Mark Sensor

To register print using the black mark
Printed on a label/material



Automated Edge Guide

Ensures perfect registration and consistent web path
Alignment when printing at high speeds up to 60 mtrs/min



Inline Splicing Station with Grippers

Helps to minimize waste and setup time,
Maximizing production efficiency



High Capacity, Unwind/Rewind

Allows for rolls with an od of up to 23.6"



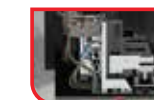
Unwind/Rewind

Allow for consistent tension during the printing process.



Gap Sensor

For perfect registration printing on pre die cut labels



CMYK Single Pass Pigmented Inkjet Technology

Allows for high resolution printing (1600x1600dpi)
with the latest pigmented ink technology



Robust Web Handling Systems

Offers impressive speeds of up to 195 ft/min
(60m/min) with excellent print quality



Easy to Use Touch Screen Panel

Allows you to control the web handling system
independently of the print engine.



NIR Dryer

The coldheat revolution in perform heating.

Space saving footprint, maximizing your production floor space

Specifications

| | |
|---------------------------------|---|
| Printing Color | CMYK Single Print Head |
| Printing Resolution | 1600 x 1600 dpi, 1600 x 954 dpi & 1600 x 640 dpi |
| Printing Speed | 90 ft/min, 150 ft/min & 195 ft/min |
| Max. Media Width | 800 mm |
| Max. Printing Width | 638 mm |
| Max. Roll Diameter | 600 mm |
| Core Size | 76 mm |
| Min. Substrate Thickness | 0.05 mm |
| Max. Substrate Thickness | 0.35 mm |
| Ink Capacity | 2L or 10L CMYK Tank Options Available |
| Printing Platform | High Durability Pigmented Aqueous Inkjet |
| Operating Temp. | 68-86 F (20-30 C), Relative Humidity 30-50% |
| Storage Temp. | 50-104 F (10-40 C), Relative Humidity 65% |
| Dimension (L x W x H) | 3750 x 2050 x 1750 mm |
| Power Requirements | Three Phase 220V / 400V |
| Air Source Requirements | 6 Bar |
| Material Supported | Coated Paper, PP, PET, PVC, BOPP, Mylar, Tyvek, Wallpaper, Woven Materials, Laminate Papers etc. |

Digital Label Finishers



Arrow Eco-300



Arrow EZCut 330R

Digital Blade Finishers



ArrowCut Nova 250R



ArrowCut Nova 330R

Digital Laser Finishers



Flexible Packaging, Labels And More!



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