

ARROW



ArrowJet
Aqua 330R - Hybrid Pro M



● Modular System - Personalize Your Printer

Modular Design, Enabling User-Selectable Customization

● High Resolution, Exceptional Durability

Print at an impressive 1600 x 1600 DPI resolution, featuring a wide color gamut and benefiting from the durability of water-based pigmented Inkjet Printing!

● Remarkable Production Print Speeds

Print More, Faster! The ArrowJet Aqua 330R Hybrid Pro M can maintain a peak resolution of 1600x1600 DPI at speeds up to 90 ft/min, 1600x954 DPI at 150 ft/min, or 1600x640 DPI at 195 ft/min.

● Extensive Production Capabilities

Standard unwinder and rewinder OD of 23.6" (600mm), with larger custom sizes available upon request! Equipped with a built-in edge guide and splicing station featuring media grippers for fast and easy setup.

● Enclosed Chamber Doctor Blade Unit

Equipped with an enclosed chamber doctor blade unit, the ArrowJet Aqua 330R Hybrid Pro M offers protection against evaporation, prevents corrosion, & shields from foreign particles like dust. It is easy to operate, provides better control over usage, and minimizes consumption.

● Both Offline & Inline Options Available

The ArrowJet Aqua 330R Hybrid Pro M provides both offline and inline finishing options. Arrow Systems, Inc. offers a range of digital and analog finishing solutions that seamlessly integrate with the ArrowJet Aqua 330R Hybrid Pro M, enhancing your business workflow.

● Reduced Material Costs

Compared to water-based dye Inkjet printers, our pigmented inks significantly reduce the required coating weights, leading to lower material costs and increased profitability. The ArrowJet Aqua 330R Hybrid Pro M is compatible with lighter primer coats and even some uncoated stocks, providing maximum flexibility and reducing production costs.

● Inline Flexo Stations for Priming and Varnishing

The ArrowJet Aqua 330R Hybrid Pro M features inline priming and varnish stations, enabling customers to prime, print, and varnish in a single pass.

● Unparalleled Production Costs

Leveraging the latest digital printing technology, the ArrowJet Aqua 330R Hybrid Pro M boasts one of the lowest production costs on the market! Fast setup, minimal waste, and long-lasting printheads all contribute to the overall cost savings.

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.

Inline Priming Station - Inkjet Receptive coating of your own materials Inline

Automated edge guide - Ensures perfect registration and consistent web alignment when printing at high speeds up to 195 ft/min.

Enclosed Chamber Doctor Blade - Provides protection from evaporation, prevents corrosion, and is sheltered from foreign particles like dust

Air Shaft - Enables a strong grip with the core and facilitates easy loading and unloading of media

Gap / Black Mark Sensor - For perfect registration on pre cut or pre printed Materials

Siemens Electronics - Enhancing Efficiency, Productivity and Reliability

CMYK single pass pigmented Inkjet technology - Allows high-resolution printing (1600x1600 dpi) with the latest water-based pigmented ink technology

Inline Varnish Station - Varnish helps cut costs for expensive lamination

Inline Rotary Slitter - Cost-effective, with low wear and tear, providing precision and accurate cutting

Inline NIR Dryer - Improving drying time, Energy Efficiency and Print Quality

Specifications

Printing Color	CMYK Single Printhead Memjet Duraflex technology
Printing Resolution	1600×1600dpi, 1600×954dpi or 1600x640
Printing Speed	90 ft/min, 150 ft/min or 195 ft/min*
Max Media Width	15.75" (400mm)
Max Printing Width	12.75" (324mm)
Max Roll Unwind Diameter	23.6" (600mm)
Max Roll Rewind Diameter	23.6" (600mm) (300 mm in case slitting)
Core Size	3" (76.3mm)
Min. Substrate Thickness	2 mil (0.05mm)
Max. Substrate Thickness	13.75 mil (0.35mm)
Material Supported	Coated Paper, PP, PET, PVC, BOPP, Mylar, Tyvek and More
Ink Capacity	2L or 10L CMYK Tank options available
Web Handling System	Modular Design with Digital Tension Control
Web Speed	up to 50m/min
Features	Inline Primer & Varnish Stations w/ inline IR Dryer
Printing Platform	High Durability Pigmented Aqueous Inkjet
Operating Temperature	68-86° F (20-30°C), Relative humidity 30-50% Non Condensing
Storage Temperature	50-104° F (10-40°C), Relative humidity 65% Non Condensing
Equipment Dimension (L x W x H)	212.5"x 57.2" x 57.1" (5398mm x 1455mm x 1704mm)
Power Requirements	Three phase 400V AC + N+E
Air source Requirements	6 Bar
*Optional	In-line Rotary Slitter or Lamination High Speed Gap and BM Sensor RIP Software Inline NIR Dryer Module Additional Flexo Stations Web Handling Speed Increase (150mpm)

*Features and specification are subject to change



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DURAFLEX | Powered by **memjet**



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