

# AJ-800



Versatile Digital Inkjet Printer for professional packaging and paper bag production



PRINT RESOLUTION  
Up to 1200 x 1200 dpi



PRINT SPEED  
6, 12, 18 ips  
(9, 18, 27 m/min)



PRINT WIDTH  
Max: 17" (432 mm)



PRINT HEIGHT  
ADJUSTMENT  
Up to 8" (203 mm)



INK  
Dye or Pigment



INDUSTRY  
4.0 READY



WATER BASED  
SUSTAINABLE  
PRINTING

- LOWEST OPERATING COST IN THE DIGITAL OVERPRINTING INDUSTRY
- DIVERSE APPLICATION COVERAGE WITH DYE OR PIGMENT INK OPTIONS
- PRINT ONTO CORRUGATED BOXES, PAPER BAGS, WOODEN BOXES AND OTHER PACKAGE TYPES
- QUICK JOB CHANGES BETWEEN DIFFERENT DESIGNS AND PACKAGING MATERIALS
- EASY OPERATION AND MAINTENANCE

# Technical Specifications

## Operation

<b>Print Resolution</b>	Up to 1200 x 1200 dpi
<b>Print Speed</b>	6 ips (9 m/min) @ 1200 x 1200 dpi 12 ips (18 m/min) @ 1200 x 600 dpi 18 ips (27 m/min) @ 1200 x 300 dpi
<b>Print Width</b>	Up to 17" (432 mm)
<b>Feed Width</b>	Up to 31" (787 mm)
<b>Print Height</b>	Adjustable up to 8" (203 mm)
<b>Connectivity</b>	1000 BaseT Ethernet, RJ-45 connection
<b>Operating System</b>	Microsoft Windows® 11/10
<b>Software</b>	AstroNova Control Software Package InEdit RIP Software (required, purchased separately)
<b>Internet Access</b>	24 hrs/day, 7 days/week for real-time diagnostics Every 15 days and during ink changeovers (minimum)

## Environment & Physical

<b>Conditions for Operation</b>	Between 68° F to 86° F (20° C to 30° C), 50% to 70% Relative Humidity (non-condensing)
<b>Conditions for Storage</b>	Between 41° F to 122° F (5° C to 50° C) at RH up to 85%, non-condensing at 149° F (65° C)
<b>Power Requirements</b>	230V/115V AC +/-10%, Single Phase + Neutral, 50/60Hz, 16AMP 3000W with manual feed 3700W with Automatic Bag Feeder
<b>Regulatory Compliance</b>	UL 508A, CE
<b>Dimensions (without automatic feeder)</b>	119.9" L x 86.9" W x 61.3" H 3047 mm x 2206 mm x 1558 mm
<b>Weight</b>	2381 lbs. (1080 Kg) without automatic feeder

## Supplies

<b>Ink Type</b>	High-Performance CYMK water-based pigment or dye, 5 Kg tanks
<b>Material Types</b>	Corrugated Cardboard, Flat die-cut boxes, pizza boxes, envelopes, padded envelopes, paper bags and other sustainable packaging materials

## Maintenance

<b>Maintenance System</b>	Integrated, automatic printhead wiper and vacuum suction with user-replaceable cleaning pads
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## Suction Cup Automatic Bag Feeder (Optional)

<b>Material Size</b>	19.7" x 16.5" (Max, excluding handles) 500 mm x 419 mm 9.4" x 7.0" (Min, excluding handles) 239 mm x 178 mm
<b>Feed Speed</b>	Sync with AJ-800
<b>Compressed Air</b>	87 psi, 1.77 CFM Quick connector fitting for Ø8mm

## Automatic High-Speed Commercial Vacuum Friction Feeder VF-280 (Optional)

<b>Material Size</b>	3" x 5" (76 mm x 127 mm) Min 29"x28" (736 mm x 711 mm) Max
<b>Material Thickness</b>	Up to 1" (25 mm)
<b>Electrical</b>	110/220V AC, Single Phase, 10A circuit
<b>Interlock</b>	Dry Contact (Low Volt) Standard Operator
<b>Controls</b>	Power (On/Off), Vacuum (On/Off), Stop, Jog, Start, Feed Speed
<b>Physical</b>	24"L x 37.5"W x 33-36"H 609 mm x 952 mm x 838-914 mm

## Warranty

One-year Manufacturer's Parts & Labor Warranty on printer and accessories

2 years from date of production on unused/unopened ink tanks, 6 months if opened or installed



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