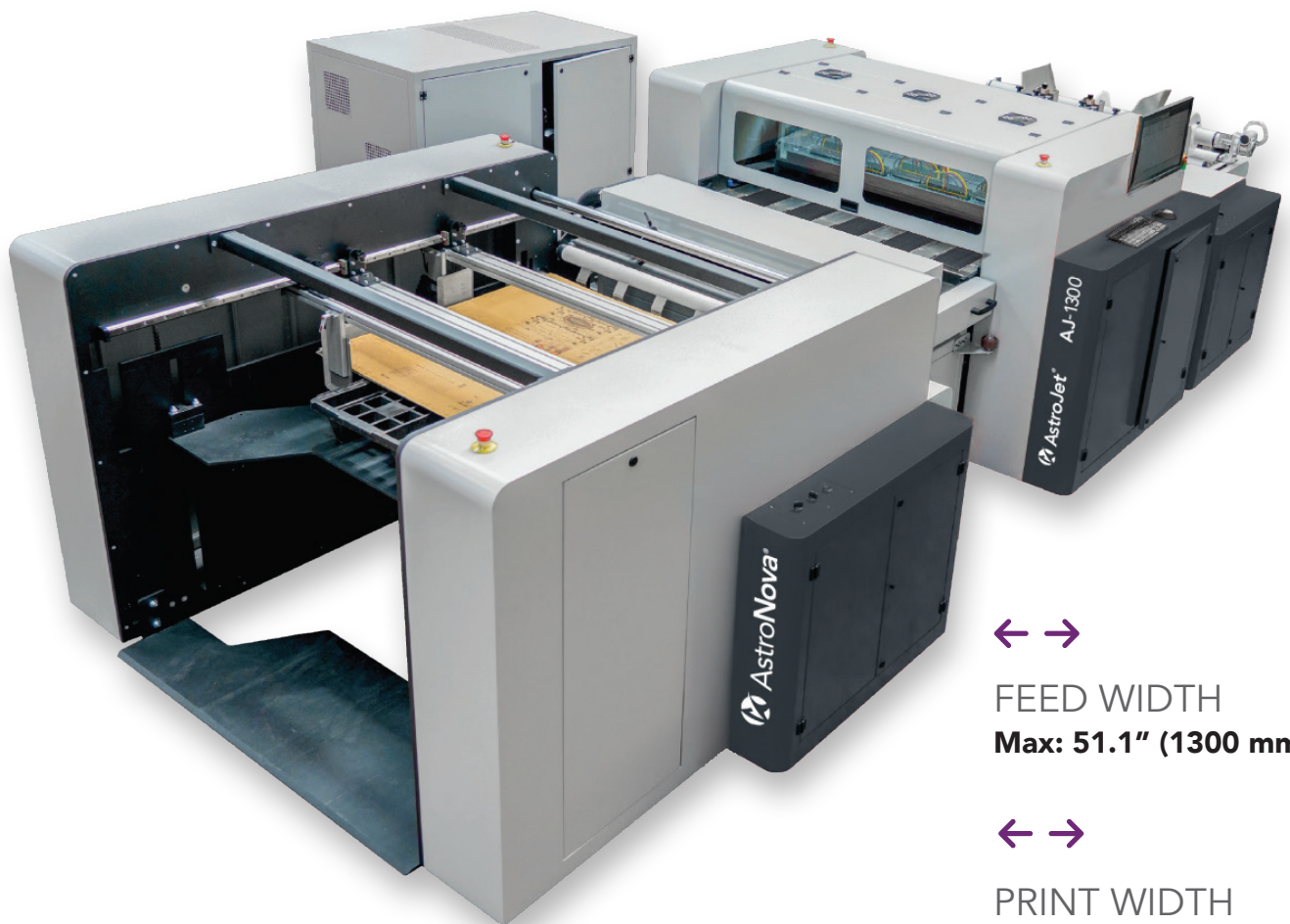


AstroJet -1300



Extended Width Digital Color Printing for Corrugated Boxes



FEED WIDTH
Max: 51.1" (1300 mm)



PRINT WIDTH
Max: 42.5" (1070 mm)



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



PRINT RESOLUTION
Up to 1200 x 1200 dpi



INK
Pigment



Best-in-Class Features for high throughput production:

Advanced Feeding:

- Adjustable feeding based on material sizes and thickness. High accuracy Z axis with a range between 1mm and 50mm.
- All cardboard feeding is controlled by no-crush wheels, controlling thickness and avoiding media vibrations.
- Vacuum sectioned throughout the equipment for more efficient and controlled media transport. Vertical cardboard input control for efficient and fast feeding.

Industrial Build:

- Industrial stacker with board size adjustment, safety sensors, pallet feed, and full synchronization at all print speeds.
- Servo motor directly coupled to the shaft using a flexible coupling, eliminating the transmission belt and the need for tensioning.
- The vacuum cabinet is equipped with noise suppression, keeping all components silent, protected and closed. CE and UL certified electrical installation.

Printhead Maintenance:

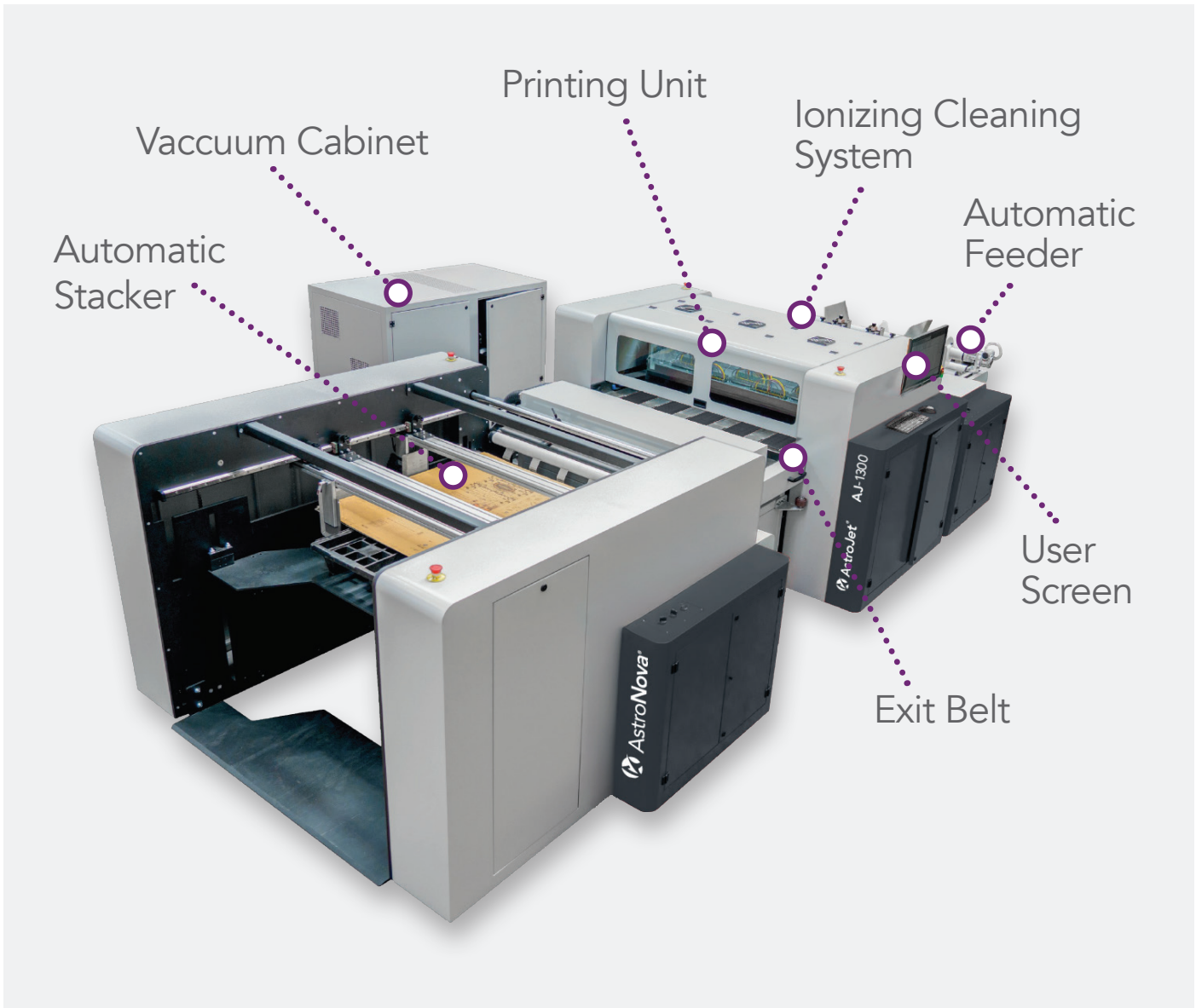
- Ink mist prevention system ensures protection of electrical components.
- Printhead Quick Connector and sliding locking system for easy swap.
- Printhead cleaning module with integrated wipe and vacuum for maximum efficiency. Snap-in replaceable cleaning cassettes ensure easy maintenance.

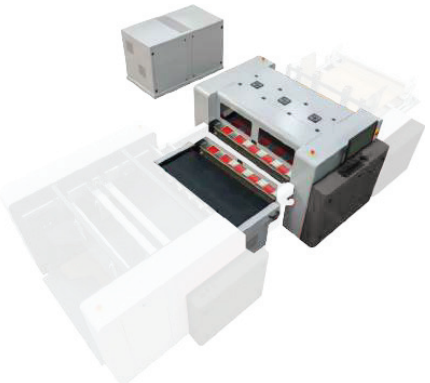
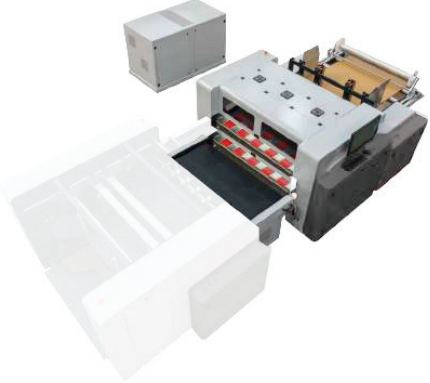
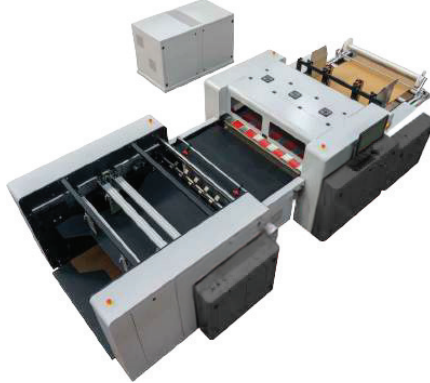
Ink Supply:

- Eco-friendly water-based pigment inks with high resistance to moisture, abrasion and UV exposure
- Monitored ink supply for better printing, managing air intake and ink consumption in long, high-throughput printouts.
- Bulk feed ink tanks for greater cost efficiency.

Industry 4.0 Ready:

- Proprietary AstroNova electronics with complete control using Industry 4.0 tools, EtherCAT communication.
- Centralized data management using APIs for collection of logs, job data and consumables usage.
- Over-the-air updates for improved machine management and troubleshooting using AstroNova's proprietary TRAX software



CONFIGURATION A	CONFIGURATION B	CONFIGURATION C
<p>PRINTER WITH MANUAL FEED AND EXIT TABLE. VACUUM CABINET INCLUDED.</p> 	<p>PRINTER WITH AUTOMATIC FEED AND EXIT TABLE. VACUUM CABINET INCLUDED.</p> 	<p>PRINTER WITH AUTOMATIC FEED AND AUTOMATIC STACKER. VACUUM CABINET INCLUDED.</p> 

Markets enabled by AJ-1300

E-commerce friendly packaging

Sellers can ship product in its own box compliant with e-commerce platform guidelines.

Cold and frozen food bulk packaging

Durability and higher moisture and water resistance

Ready-to-eat food and produce packaging

Pizzeria, Pastry shops, Fruits, Vegetables and others

Personalized gifts and catering

Specialty gift and service businesses



AstroNova provides complete solutions to our customers for their digital printing needs on labels and packaging. Our company office locations across the globe and the network of authorized channel partners provide worldwide coverage and support.



Proven Expertise:

Pioneered on-demand digital color label printing in early 1990s

Developed and acquired technology to serve mailing and packaging segments

Printer manufacturing and R&D locations in Rhode Island, Chicago, IL & Portugal



Consultative Approach:

Printing Solution recommendations are tailored to your business needs

Product Support Specialists with up-to-date knowledge on all products

Full range of product support services for success of your printing operation

Confidence Support Packages That Make a Difference.

Features	Standard	Premium	Ultimate
Connected Device for Remote Support	Yes	Yes	Yes
Remote Support Response	Best Available, Usually within 24 Hours	Within 12 hours	Within 4 hours
On-Site Service Response	Best Available within 5 Days	Within 3 Days	Within 2 Days
Discount on Install, Support and Labor Hours	No	15%	25%
Warranty Travel - Expenses and Labor	Included	Included	Included
Spare Parts Discount (consumables not included)	No	10%	20%
Spare Parts Priority Shipping Included	No	Yes	Yes
Onsite Preventative Maintenance Visit	1 Day Onsite	1 Day Onsite	2 Onsite Annual Visits, 1 Day Each
Discount on Ink Supply	No	5%	10%
Operational Refresher Training and Optimization Visit	No	1 Day Onsite	2 Days Onsite (same visit)
Color Management Refresher Training and Optimization	No	1 Virtual Session	1 Day Virtual or Onsite

Standard Confidence Support Package

The Standard Confidence Support Package provides operational peace of mind by offering remote product support in the best available timeframe. This package includes one onsite preventative maintenance visit.

This level of coverage is mandatory at the time of equipment purchase and keeps the initial cost of ownership affordable.

Premium Confidence Support Package

The Premium Confidence Support Package offers enhanced peace of mind with remote support within 12 hours. It includes one on-site preventative maintenance visit and an additional visit for operational refresher training and optimization. The package covers warranty travel and labor, priority spare parts shipping, and discounts: 5% on ink, 10% on replacement parts (excluding wear items), and 15% on Installation, Support, and Labor hours. Additionally, one virtual Color Management Refresher Training session is included.

This package is our most popular one and provides the best value for money throughout the printer lifetime.

Ultimate Confidence Support Package

The Ultimate Confidence Support Package offers peace of mind with remote product support within 4 hours. It includes two on-site preventative maintenance visits, an additional visit for up to 2 days of operational refresher training and optimization, and unlimited remote assistance. The package covers warranty travel, labor expenses, and priority shipping for spare parts. It also provides a 10% discount on ink supplies, a 20% discount on replacement parts (excluding wear parts and consumables), and a 25% discount on Installation, Support, and Labor hours. Additionally, a one day virtual or on-site session for Color Management Refresher Training and Optimization is included.

This package is ideal for mission-critical applications where machine down-times can be expensive and must be kept to a minimum.

Technical Specifications

Printer specifications

Resolution	High resolution: 1200 x 1200 dpi Low resolution: 300 x 1200 dpi
Print Speed	High resolution: 9 m/min (6 ips) Low resolution: 27 m/min (18 ips)
Ink	Pigment ink 5 kg tanks
Weight	1200Kg

Feeder specifications

Media	Cardboard sheets from 1mm to 50mm thick
Max. Feed size	1300mm wide x 1600mm long 51.1" wide x 63" long
Min. Feed size	300mm wide x 400mm long 11.8" wide x 15.7" long
Weight	1100Kg

Electrical / Air requirements

(must be provided at customer's premises)

Power Consumption	29,200 Watts (Config A) 32,700 Watts (Config B) 35,300 Watts (Config C)
Input Power	400V AC \pm 10%, 3 Phase + Neutral + PE, 50/60Hz
Main Circuit Protection	Circuit Breaker 4P, 50Amp., C, 10kA
Machine Power Plug	CEE 3P + N + PE 400V, 63 Amp.
Compressed Air (for Config C only)	6 bar/ 87 psi , Airflow 50 l/m

Stacker specifications

Media	Cardboard sheets from 1mm to 50mm thick
Max. Board size	1300mm wide x 1600mm long 51.1" wide x 63" long
Stacking speed	Up to 27 m/min (18 ips)
Weight	900Kg

Software

Internet connection	24 hrs/day, 7 days/week for real-time diagnostics. Every 15 days and during ink changeovers (minimum)
Platform	PC/Windows-based
Controller	InEdit RIP Software (required, purchased separately)
Interface	PC-based

Operating environment

Operation	Between 68° F to 86° F (20° C to 30° C)
Humidity	50 % - 70 % RH (non-condensing)
Regulatory Compliance	UL 508A, CE

WORLD HEADQUARTERS

AstroNova, Inc.
600 East Greenwich Avenue
West Warwick, Rhode Island 02893 USA
Tel: +1 401-828-4000
Toll-Free: 877-757-7978 (US Only)
info@astronovaproductid.com

EMEA HEADQUARTERS

AstroNova GmbH
Waldstraße 70
D-63128 Dietzenbach Germany
Tel: +49 (0) 6074 31025-00
infogmbh@eu.astronovainc.com



Toll-free: 877-757-7978 | Tel: 401-828-4000 | astronovaproductid.com