

QL-435

The Digital Printer for Cost-effective Professional Labeling Solutions.



THE QL-435 INDUSTRY-LEADING PRINT QUALITY, SIMPLICITY, AND AFFORDABILITY.

The **QuickLabel QL-435** is a game-changer in the industry, designed to meet the evolving needs of businesses for high-quality, efficient label and flexible packaging production. This cutting-edge press offers unmatched performance, flexibility, and cost-effectiveness for label converters, print service providers (PSPs), and higher volume brand-owners for medium-volume runs.

KEY FEATURES AND CAPABILITIES OF THE QL-435.



Industry-Leading Operating Cost: Through optimized ink usage, smart energy management, and efficient maintenance cycles, these systems deliver the **lowest total cost of operation (TCO)** in the light to mid production digital inkjet segment. This makes them an ideal fit for higher volume end users, converters and PSPs looking to improve profitability without sacrificing quality or throughput.



Compact, Floortop Configuration: Fits in tight spaces and offers unparalleled accessibility and convenience during operation. Easily movable on wheels. Quickly access all components for maintenance and adjustments for minimal downtime and maximum productivity.



Dye or Pigment Based ink for Wide Range of Printable Materials: This capability allows operators to learn and operate only one platform to run a wide range of applications. The high-impact color labels may be done on the system using dye ink configuration, whereas the more durable, abrasion-resistant prints can be done on pigment ink configuration.



Automatic Maintenance Routines & Integrated Workflow: Streamlines the label production process, reducing downtime and operator workload. Its user-friendly interface and InEdit RIP software allow for seamless workflow start to finish, from file preparation to print management, meeting tight deadlines without sacrificing quality.



Real-Time Machine Intelligence: equipped with **AstroNova's proprietary software suite**, a full-featured machine monitoring and diagnostic platform, making them Industry 4.0 ready.

- **Real-time system diagnostics**
- **Remote access for service and support**
- **Over-the-air (OTA) firmware and software updates***
* Available 2027
- **Consumables authentication and usage tracking**





QL-435 IS BUILT FOR PERFORMANCE AND RELIABILITY.

A3-Wide Print Area

Accommodate wider label formats, panoramic designs, and multi-up layouts in a single pass

Vibrant, photo-quality output

Inkjet technology delivers rich color gradients and fine detail that stand out on shelf

Wide Substrate Compatibility

Print on paper, polypropylene, BOPP, and specialty materials to serve diverse client needs

Short-run Profitability

Produce shorter runs economically, opening up new revenue streams from SME clients

Compact Footprint

Fits in a small area without consuming valuable floor space, ideal for busy production environments

Minimal Makeready Time

Quick media loading and fast ink drying keep jobs moving with minimal downtime between runs

ASTRONOVA ONE GLOBAL SOLUTION

A single partner for your printing systems, consumables, and ongoing support.

End-to-End Manufacturer



We design and produce both our printers and a wide range of blank labels perfectly matched to our printing technologies.

Reliable Performance



Our inks, media, and software work together to ensure consistent quality and maximum productivity.

Global Expertise, Local Support



Benefit from the knowledge of a worldwide industry leader combined with dedicated local service and after-sales support.

Technical Specifications

Operation

Print Resolution	Up to 1200 x 1200 dpi
Print Speed	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
Print Area	Width: 3.15" (80 mm) - 11.69" (297 mm) Length: 1.0" (25.4 mm) - 39.3" (999 mm)
Media Sensors	Adjustable Optical Sensor supporting pre-cut (Gap) and reflective/black-mark media
Connectivity	1000 BaseT Ethernet, RJ-45 connection
Operating System	Microsoft Windows® 11/10
Software	QuickLabel-Pro Control Software Package InEdit RIP Software (required, purchased separately)
Internet Access	24 hrs/day, 7 days/week for real-time diagnostics. Every 15 days and during ink changeovers (Minimum)

Environment & Physical

Conditions for Operation	Between 68° F to 86° F (20° C to 30° C), 50% to 70% Relative Humidity (non-condensing)
Conditions for Storage	Between 41° F – 122° F (5° C – 50° C) at RH up to 85%, non-condensing at 149° F (65° C)
Power Requirements	300W (press only)
Regulatory Compliance	UL 508A, CE, UKCA, FCC Class B
Dimensions	34.1" L x 29.53" W x 49.3" H (865 mm x 750 mm x 1250 mm)
Weight	551 lbs. (250 Kg) without supplies

Supplies

Ink Type	High-Performance CMYK water-based pigment or dye, 1L tanks
Media Width	3.15" (80 mm) - 13" (330 mm)
Thickness	3.9 mil - 19.6 mil (0.102 mm - 0.5 mm)
Roll Size	Core ID: 3" (76 mm) Max. OD: 11.8" (300 mm) Max. Weight: 55 lbs (25 kg)
Types	Gloss Paper, Matte Paper and Synthetic Media; Paper Tag Stock

Maintenance

Maintenance System	Integrated, automatic printhead wiper and vacuum suction with user-replaceable cleaning pads
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Warranty

One-year Manufacturer's Parts & Labor Warranty on Press

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

What's Included

QL-435 Professional Digital Label Press with printhead
Manufacturer-Direct Sales and Warranty | Unlimited Telephone, Web and E-mail Technical Support.

Add-ons: On-Site Setup & Training, Extended Warranty and Support programs available



The Labels You Want When You Need Them.®

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