



KONICA MINOLTA

AccurioLabel 400

DESIGNED FOR MORE

PRODUCTION-SCALE LABEL PERFORMANCE



Giving Shape to Ideas

EXPAND INTO HIGHER-VALUE LABEL PRODUCTION

PREMIUM APPLICATIONS, GREATER CAPACITY, AND NEW OPPORTUNITIES

Built for Growth Beyond Everyday Label Production

The AccurioLabel 400 helps label converters and commercial printers expand into higher-value applications while increasing production capacity and operational flexibility. Combining premium application capabilities, white toner technology, intelligent automation, and production-class performance, it enables businesses to pursue new opportunities in digital label production while responding to growing customer demands for shorter runs, customization, and faster turnaround times.

Designed for businesses looking to move beyond conventional digital label production, the AccurioLabel 400 supports premium label applications, longer print runs, and higher production volumes without adding unnecessary complexity. Whether expanding into clear labels, metallic substrates, premium packaging, or other higher-value applications, companies can differentiate their offerings, increase profitability, and create new opportunities for sustainable growth.

KEY BENEFITS

1	Production-scale capacity	2	Maximum throughput and uptime	3	Intelligent production automation
4	Premium label applications	5	Higher-margin label jobs	6	Profitable business growth

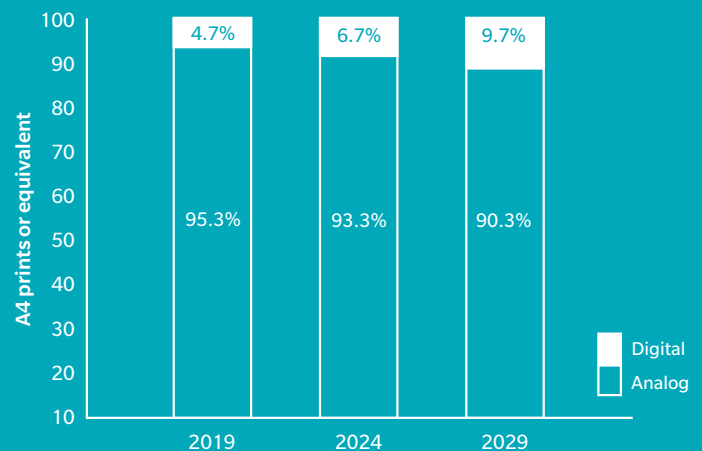
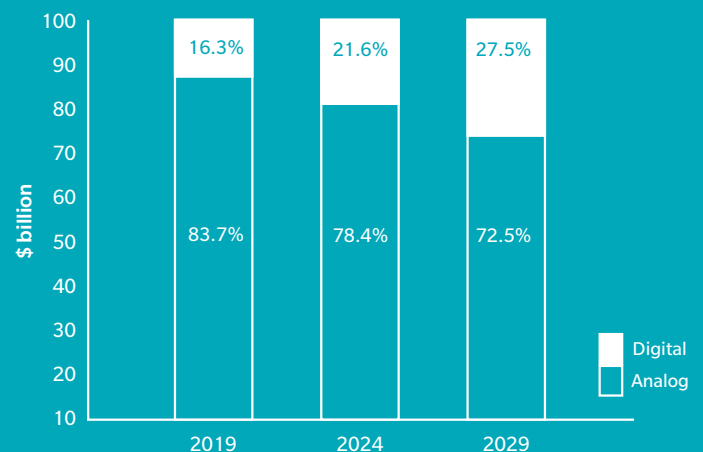
THE LABEL MARKET IS EVOLVING

MEET THE DEMAND FOR PREMIUM LABELS

The label market continues to evolve as brands introduce more products, more versions, and more frequent packaging updates. Increasing product variety, shorter product lifecycles, and growing competition for consumer attention are driving demand for labels that support greater customization, faster turnaround times, and more agile production. As a result, digital label production continues to gain momentum across the industry, helping converters and print providers respond more efficiently to changing market requirements.

Demand for premium label applications continues to grow. The global printed label market was valued at approximately **\$44.83 billion in 2024** and is projected to grow at roughly **9% annually through 2029**. As businesses invest in packaging that differentiates products on crowded shelves, premium label applications are creating new opportunities for growth. Clear labels, metallic effects, specialty substrates, and other high-impact applications help brands stand out while enabling converters and print providers to expand application offerings, pursue higher-value work, and create new revenue opportunities.

Evolution of digital print shares, 2019–2029 (%)



Source: The Future of Printed Labels to 2029, Smithers Pira

The global market for digitally printed labels **grows at more than**

9% per year.

DIFFERENTIATE WITH WHITE TONER

GO BEYOND TRADITIONAL CMYK PRODUCTION

Creating Greater Visual Impact

The optional white toner capability of the AccurioLabel 400 helps expand creative possibilities beyond traditional CMYK label production. By enabling white underlays, opaque white graphics, and printing on transparent, metallic, and specialty substrates, it opens the door to more distinctive labels that help products stand out on crowded shelves. White toner can also be used to produce the increasingly popular no-label look, creating clean, premium packaging designs that enhance brand perception.

For converters and commercial printers, white toner creates new opportunities to support premium packaging requirements while helping customers differentiate products through greater visual impact. Whether producing labels for wine and spirits, cosmetics, health and beauty products, specialty foods, or promotional campaigns, the ability to print white can help expand service offerings and support higher-value work without disrupting existing digital production workflows.

Advantages:

- Print on clear and metallic substrates
- Produce no-label-look applications
- Create greater shelf impact and differentiation
- Support premium packaging requirements
- Expand creative design possibilities
- Pursue higher-value label jobs



HIGHER PRODUCTIVITY FOR GROWING LABEL DEMANDS

DESIGNED FOR LONGER RUNS AND GREATER THROUGHPUT

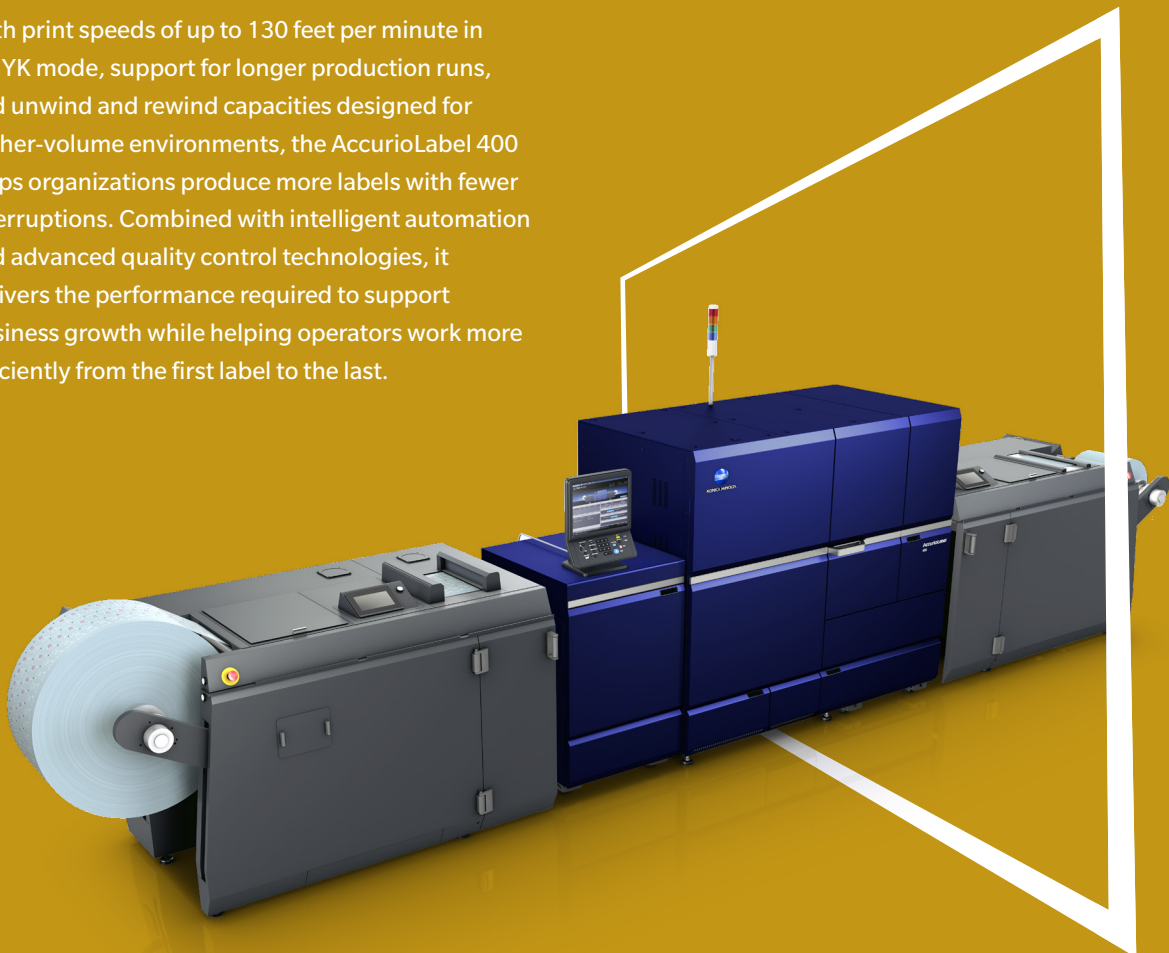
Production-Class Performance for Expanding Businesses

As digital label volumes continue to grow, businesses need production solutions that can efficiently support increasing job counts, longer run lengths, and demanding turnaround requirements. The AccurioLabel 400 combines higher print speeds, greater roll capacity, and long-run stability to help converters and commercial printers increase productivity while maintaining the quality and consistency customers expect.

With print speeds of up to 130 feet per minute in CMYK mode, support for longer production runs, and unwind and rewind capacities designed for higher-volume environments, the AccurioLabel 400 helps organizations produce more labels with fewer interruptions. Combined with intelligent automation and advanced quality control technologies, it delivers the performance required to support business growth while helping operators work more efficiently from the first label to the last.

Advantages:

- Print speeds up to 130 feet per minute
- Support longer uninterrupted production runs
- Increase capacity for growing label volumes
- Maintain consistent quality throughout production
- Improve operational efficiency with intelligent automation
- Produce more labels with less downtime



ADVANCED CAPABILITIES FOR EXPANDING OPPORTUNITIES

PREMIUM APPLICATIONS, INDUSTRIAL PERFORMANCE



HIGH PRODUCTIVITY

Printing speed

- Maximum print speed of AccurioLabel 400 is 130 ft per minute when printing in CMYK mode and to 65 feet per minute when printing CMYK+W
- Print speed may also vary depending on selected media types (130, 112, 98, 65 or 49 feet per minute)

Higher run lengths

- Total length per job can be set to max. 3,000 linear meters
- Unwinder and rewinder of AccurioLabel 400 each have a capacity for rolls of 800 mm in diameter
- Larger toner hopper (reservoir) for uninterrupted production

Selectable controller

- Superb price-performance ratio: IC-611 (Konica Minolta)
- High productivity for VDP: IC-320L (Kodak Creo - Optional)

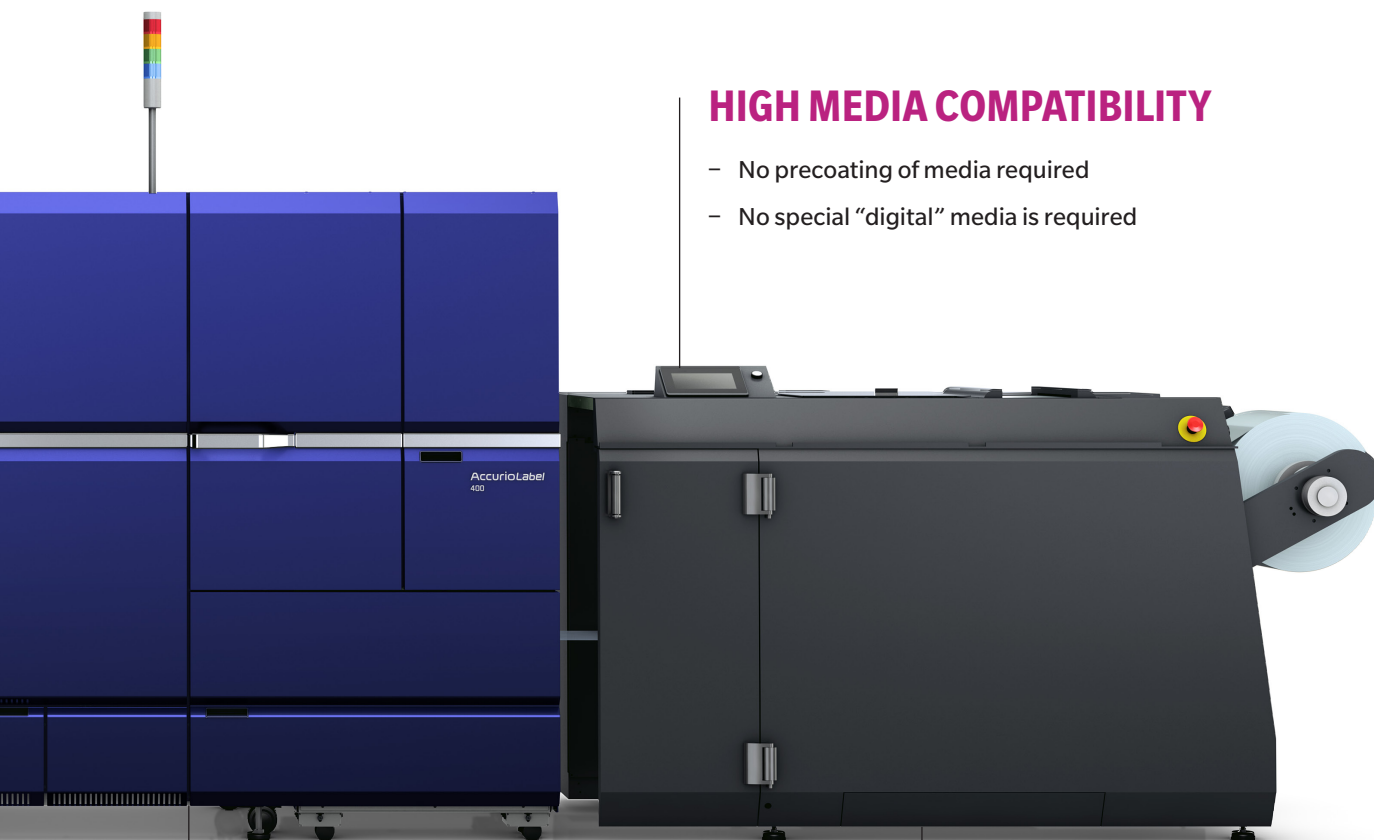
PRINT JOB VARIETY

New 5th color station with white toner

- White toner capability expands the range of label applications
- High level of white opacity with one imaging hit

Overprinting

- AccurioLabel 400 comes standard with overprint sensor kit
- Registration of print jobs to pre-printed media is now possible whenever needed



HIGH MEDIA COMPATIBILITY

- No precoating of media required
- No special “digital” media is required

EASE OF USE

AccurioPro Flux with Label Impose

- PDF-based workflow tool
- Combine and impose label jobs with Flux Label Impose, using templates (ideal for changing print layouts with similar die plates)
- Adding eye-marks, arranging artwork, gang-up printing of different layouts and exporting die-lines through a single intuitive user interface
- Easily apply variable data printing (VDP) functionalities with just a few mouse clicks

Intuitive touch panels

- AccurioLabel 400 is operated from the main touch panel of the print engine as well as easy-to-use touch screens for unwinder and rewinder
- A tablet can be used instead of the main touch panel to operate freely around AccurioLabel 400

OUTSTANDING QUALITY

Resolution on a par with offset

- Excellent resolution of 1,200 dpi (3,600 dpi equivalent) x 2,400 dpi produces a high-precision print image

Intelligent Quality Optimizer

- Real-time color stability control
- Real-time color registration control
- Automatic calibration
- Automatic density adjustment
- Profile creation

STREAMLINE SOPHISTICATED LABEL PRODUCTION

ACCURIOPRO FLUX WITH LABEL IMPOSE

A More Efficient Path to Production

AccurioPro Flux with Label Impose helps streamline and automate key prepress tasks, reducing the time, effort, and complexity associated with preparing sophisticated digital label jobs for production. Step-and-repeat layouts, gang-up printing, variable data, eye marks, and die-line output can all be managed within a single workflow environment, helping operators move efficiently from artwork to press-ready files.

By minimizing manual touchpoints and simplifying job preparation, AccurioPro Flux helps reduce setup time, avoid costly errors, and support faster turnaround times. Whether producing premium label applications, versioned jobs, short runs, or highly customized work, operators can spend less time preparing files and more time focused on production. The result is greater efficiency and more capacity to support higher-value label applications.

Advantages:

- Simplify sophisticated label prepress workflows
- Reduce setup time and manual intervention
- Support variable data and personalized label production
- Automate step-and-repeat and gang-up layouts
- Improve production efficiency and turnaround times
- Minimize errors before production begins
- Move efficiently from artwork to finished output



VERSATILITY FOR MORE LABEL APPLICATIONS

EXPAND INTO HIGHER-VALUE APPLICATIONS WITH CONFIDENCE

Supporting a wide range of premium label applications

The AccurioLabel 400 combines white toner capabilities, broad substrate compatibility, and production-class performance to support a diverse range of label applications. From everyday product labeling to premium packaging and specialty applications, it helps businesses expand their offerings while maintaining the flexibility required to respond to changing customer demands.

Whether producing labels for food and beverage products, wine and spirits, cosmetics, household goods, industrial applications, or customized promotional campaigns, the AccurioLabel 400 helps organizations pursue higher-value opportunities while delivering the quality, consistency, and responsiveness required in today's competitive marketplace. Its ability to support premium applications on a wide range of substrates makes it easier to differentiate services, attract new business, and create additional revenue opportunities.



FOOD & BEVERAGE

- Specialty foods
- Gourmet foods
- Nutritional supplements
- Premium beverage labels



WINE, SPIRITS & CRAFT BEVERAGE

- Wine labels
- Spirits labels
- Craft beer labels
- Limited-edition releases



HEALTH & BEAUTY

- Cosmetics
- Skincare products
- Personal care products
- Wellness supplements



HOUSEHOLD & INDUSTRIAL

- Household products
- Industrial labels
- Compliance labels
- Manufacturing labels



PREMIUM & SPECIALTY APPLICATIONS

- Clear-label applications
- Metallic-label applications
- Luxury packaging labels
- Decorative product labels



VERSIONING & PROMOTIONAL LABELS

- Regional versions
- Seasonal campaigns
- Personalized labels
- Limited-run promotions

THE POWER OF AN INTEGRATED LABEL ECOSYSTEM

CONNECTING WORKFLOW, QUALITY CONTROL, AND PRODUCTION

Bringing Premium Label Applications and Production Together

The AccurioLabel 400, AccurioPro Flux with Label Impose, and the optional IQ-530 Intelligent Quality Optimizer work together to create an integrated digital label production environment designed for higher-value applications and business growth. From job preparation and imposition through print production and quality control, each component is designed to streamline workflows, reduce manual touchpoints, and help keep label production moving efficiently from artwork to finished output.

By combining workflow automation, intelligent quality control, premium application capabilities, and production-class performance, businesses can simplify day-to-day operations while supporting future growth. The ability to efficiently produce premium labels, versioned work, short runs, and higher-volume jobs within a connected production environment helps reduce waste, improve consistency, and create new opportunities to expand application offerings and revenue potential.

Outcomes for your business:

- Simplify production through an integrated workflow
- Reduce manual touchpoints across the production process
- Connect job preparation, printing, and quality control
- Support premium and higher-value label applications
- Improve consistency from the first label to the last
- Create opportunities for sustainable business growth



BUILT FOR YOUR BUSINESS

HELPING YOU GROW WITHOUT ADDING COMPLEXITY

Expand Opportunities with Premium Digital Label Production

The AccurioLabel 400 is designed for businesses looking to expand beyond conventional digital label production and capitalize on growing demand for premium label applications. By combining white toner capabilities, production-class performance, intelligent automation, and broad media flexibility, it helps organizations pursue higher-value opportunities while maintaining the operational efficiency required in today's competitive marketplace.

From premium wine and spirits labels to clear-label applications, metallic substrates, specialty packaging, and other differentiated products, the AccurioLabel 400 helps businesses deliver greater value to customers while creating new opportunities for growth. Whether expanding an existing digital label operation or adding new capabilities to support evolving market demands, the AccurioLabel 400 helps organizations increase production capacity, diversify application offerings, and strengthen their competitive position.

Label Converters

- Expand into premium and specialty label applications
- Complement conventional presses with profitable digital production
- Increase production flexibility for short runs and versioned work
- Support longer runs and growing digital label volumes
- Differentiate offerings through advanced application capabilities

Commercial Printers

- Enter or expand within the growing digital label market
- Pursue premium label applications and higher-value work
- Expand service offerings without adding significant complexity
- Support faster turnaround times and customer responsiveness
- Create new revenue opportunities through differentiated products

Brand Owners & In-Plants

- Produce premium labels closer to the point of demand
- Accelerate packaging updates, product launches, and market testing
- Reduce inventory requirements and ordering delays
- Gain greater control over quality, timing, and production schedules
- Support versioning, regional campaigns, and limited-edition products

DRIVING SUSTAINABLE GROWTH

Produce More with Less Waste

Digital and on-demand label production help reduce waste by producing only what is needed, when it is needed. Combined with intelligent automation, efficient workflows, and longer uninterrupted production runs, the AccurioLabel 400 helps businesses improve resource utilization while supporting sustainability initiatives

throughout the print environment. Organizations can pursue growth opportunities while reducing makeready waste, minimizing inventory requirements, and improving overall production efficiency.



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TECHNICAL SPECIFICATIONS

READY FOR PREMIUM DIGITAL LABEL PRODUCTION

SYSTEM SPECIFICATIONS

Technology	Dry Toner Electrophotography
Color	CMYK, white (optional)
Resolution	Main scan: 1,200 dpi (3,600 dpi equivalent) Sub scan: 2,400 dpi (8 bit)
Tone scale	256 steps (8 bit), 16,700,000 colors
Paper widths	13" fixed (standard), 10" to 13" selectable (replacement of certain parts necessary)
Max. printed image width (length)	12.6" (50.9")
Media thickness (weight)	76 to 270 µm (62 to 256 g/sqm)
Supported substrates	Paper, PP, PET (tack or non-tack, incl. textured paper, film etc.)
Printing speed	130 ft/min. (CMYK), down to 65 ft/min. (CMYK+W), 130, 112, 98, 65, 49 ft/min. depending on media types
Machine dimensions (W x D x H)	24.6' x 4.0' x 5.5'
Machine footprint (W x D)	31.8' x 10.5' (incl. operating space)
Machine weight	3,968 lbs.
Web control	Integrated web guide system (BST) on infeed section and rewinder
Max. roll diameter	31.4" (unwinder and rewinder)
Shaft diameter	3 inches (76 mm)

CONTROLLER

Konica Minolta Controller	IC-611
Kodak (Creo) Controller, optional	IC-320L

POWER & AIR SUPPLY

Print engine	3x 200-240 V, 25 A, 1-phase, 50-60 Hz
ICCU	1x 200-240 V, 3 A, 1-phase, 50-60 Hz
Winders	1x 200-240 V, 32 A, 1-phase 50-60 Hz (incl. 300 mA RCCB, Type A)
Compressed air	6 bar, min. 20 l/min., 8 mm tube diameter

- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The actual life of each consumable will vary depending on use and other printing variables including coverage, size, media type, ambient temperature and humidity.
- Specifications are subject to change without prior notice, please refer to technical documentation for site inspection.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.
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