EDGE 850

System Specifications

PRINT SPEED	4.33m/min (PET) and 9.14m/min (BOPP)
PRINT TECHNOLOGY	Single Pass 4 Color LED (CMYK)
PRINTER PROCESSOR[1]	533 MHz
MEDIA WIDTH	Minimum: 3.0 inches (76.2 mm) Maximum: 8.5 inches (216 mm)
PRINT WIDTH	Minimum: 3.0 inches (76.2 mm) Maximum: 8.24 inches (209.3 mm)
PRINT LENGTH	Up to 213.4 meters (700 ft)
SUBSTRATE TYPES[2]	Die Cut Label Stock Kiss Cut Label Stock Non Die Cut Label Stock
PRINT QUALITY	1200 x 600 dpi
TONER SUPPLIES[3]	CMY - 11,500 pages @ 5% K - 11,000 pages @ 5% (Rated according to ISO/IEC 19798 guidelines)
DRUM SUPPLIES[4]	CMYK - 30,000 pages @ 5% (Rated according to ISO/IEC 19798 guidelines)
FEEDER SYSTEM	Input roll maximum diameter: 8 inches (203 mm) Core inside diameter: 3 inches (76.2 mm) Maximum input roll weight: 14 lbs (6.35 kg) Cut on the fly, auto cut Front Panel LCD interface Web management system torque Auto adjusting form synchronization
REWINDER SYSTEM	Output roll maximum diameter: 8 inches (203 mm) Core inside diameter: 3.0 inches (76.2 mm) Maximum output roll weight: 14 lbs (6.35 kg)

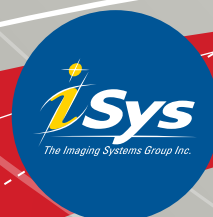|	
DIMENSIONS (H x W x D)	Printer & Feeder: 26" x 17.1 "x 21.5" (660 mm x 434 mm x 546 mm) Rewinder: 16" x 19.75" x 19" (406 mm x 502 mm x 483 mm)
WEIGHT	Printer & Feeder: 110 lbs (49.9 kg) Rewinder: 27.65 lbs (12.54 kg)
OPERATING ENVIRONMENT	Temperature: 10°C to 20°C (50 to 89.6°F) Humidity: 20 to 60% RH
POWER (Typical)	110 - 127 VAC, 50/60 Hz @ 1150W 220 - 240 VAC, 50/60 Hz @ 1150W
CERTIFICATIONS	FCC Class A, CE, cTUVus, CCC
WARRANTY	1 year – Parts & Labour

1. Published performance results based on laboratory testing. Individual results may vary.
2. This product is designed and engineered to operate only with genuine iSys Label consumables and certified media substrates. Please contact iSys for the most current Certified Media List of substrates available.
3. Letter-size sheets at 5% coverage. Printer ships with a 7,500 page set of starter toners.
4. Based on 500 cut-sheet pages/job.
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System Requirements

iSys Label ensures superior quality and resolution, as well as greater consistency and repeatability for the EDGE 850, designed and engineered to operate with qualified consumables and the Certified Media Library. iSys Label is not responsible for damage or consequences arising from the use of non-certified media or consumables.

CPU: i7 3.5GHz 4770K or HDD
RAM: 12 GB DDR3 1666MHz or greater
HDD: SSDs with 500MBs
OS: Windows 7 Pro 64 bit Only

iSys label
The Imaging Systems Group Inc.

Drum & Chemical Label Printing Made Easy

EDGE 850
Digital Label Printer

iSys Label | 911 - 28 St. NE | Calgary, AB Canada T2A 7X1 | Ph: 403-204-5200 | Email: sales@isys-group.com | www.isys-label.com

iSys Label - For more information visit www.isys-label.com | phone: (1) 403-204-5200 | email: sales@isys-group.com

Drum & Chemical Label Printing Made Easy

The EDGE 850 roll to roll digital label printer is ideal for printing full color GHS BS5609-compliant chemical and drum labels on demand. Die-cut labels printed on the EDGE 850 deliver outstanding stability and resistance to water, chemicals, fading and smudges when exposed to the harshest of elements. With speeds 4.33m/min and upwards, the EDGE 850 will allow users to eliminate the need for ordering pre-printed labels, reduce inventory and wait times, and allows users to customize each label with variable information in full color - all in a single pass.

GHS, BS5609 and IMDG Certification

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) is an international system that was created by the United Nations and ensures global consistency for the labeling of dangerous goods.

British Marine Standard BS5609 is a requirement for self adhesive drum labels needing International Maritime Dangerous Goods (IMDG) certification for shipment. These standards set out various criteria for label durability when dangerous goods are being transported in marine environments. It stipulates that the drums and containers used to contain the hazardous goods, be durably marked and remain identifiable for at least 3 months being immersed in the sea.

In order to print fully-compliant drum and chemical labels the facestock, adhesive and printed graphic all need to meet the requirements for sections 1, 2 and 3 of the BS5609 standards. In addition, the graphics of the labels must comply by utilizing the standardized black and red pictogram system accompanied with the precautionary text layouts.

The EDGE2Print Software

EDGE2Print is a full featured, easy-to-use software package that was developed exclusively for the company's short to mid run digital label printers. The EDGE2Print software enables users to drag and drop their label graphic, select the exact quantity needed and press print. By combining this short run digital label printer with the easy-to-use software, users can print their chemical or drum label on die-cut substrates and have the labels ready for immediate iVDP application that day.

Optional software for the printer is iVDP. Variable data software provides the user the ability to combine static and dynamic content to create varying multi-graphic labels containing variable text, images, barcodes, SKU's, and dates – making drum and chemical label printing that much easier.

The GHS-Compliant Label

iSys Label has partnered with various media providers to come up with suitable solutions for BS5609-compliant labeling. These substrates can withstand the harshest of environments and prove the durability of labels printed on the EDGE 850 digital label printer.

Substrates can be purchased and converted by Diversified Labeling Solutions (DLS), an iSys-preferred partner. With four facilities throughout the United States, DLS is one of the largest independently owned pressure sensitive label printing and converting companies, catering to end users of all sizes throughout North America. Please contact iSys for more information.

Customer Benefits

- One process solution; load blank labels and print everything in full color, all in one step
- Producing labels in-house will reduce the overall cost per label
- Eliminate the need to order pre-printed labels
- Reduce inventory and wait times for labels
- Versatility; ability to print a variety of label sizes with roll widths ranging from 6-8.5" wide
- Print speeds of 4.33m/min and upwards, which is 15+ 8.5x11 inch labels per minute
- Prints labels up to 52 inches long
- Labels in roll format can be applied utilizing an automatic application system
- Real time lot/batch identification and tracking using optional iVDP software

Software Features

- Drag and drop imposition of PDF graphics
- Nesting feature takes a number of small jobs and allows the user to print them as one large job run
- Ability to save label templates in the software for later use
- Print labels up to 52 inches long in regular mode printing, and unlimited lengths using the banner mode feature
- iVDP allows for mass customization of labels including SKU's, barcodes, dates, lot numbers, etc.

Email sales@isys-group.com for more information