

APEX 1290

System Specifications

PRINT SPEED	Up to 9.14 meters/min (30 ft/min)
PRINT TECHNOLOGY	Single Pass 4 Color LED (CMYK)
PRINTER PROCESSOR ¹	800/133 MHz
MEDIA WIDTH	Minimum: 3.0 inches (76.2 mm) Maximum: 12.9 inches (327.7 mm)
PRINT WIDTH ²	Minimum: 3.0 inches (76.2 mm) Maximum: 12.6 inches (320 mm)
PRINT LENGTH	Up to 420 meters (1378 ft)
SUBSTRATE TYPES ³	Die Cut Label Stock Kiss Cut Label Stock Non Die Cut Label Stock Tag Stock
PRINT QUALITY	1200 x 600 dpi
TONER SUPPLIES ⁴	CMY - 16,500 pages @ 5% K - 18,500 pages @ 5% (Rated according to ISO/IEC 19798 guidelines)
DRUM SUPPLIES ⁵	CMYK - 42,000 pages @ 5% (Rated according to ISO/IEC 19798 guidelines)
FEEDER SYSTEM	Input roll maximum diameter: 12 inches (305 mm) Core inside diameter: 3 inches (76.2 mm) Maximum input roll weight: 60 lbs (27.2 kg) Cut on the fly, auto cut Auto page width registration Front Panel LCD interface Web management system torque Auto adjusting form synchronization
REWINDER SYSTEM	Output roll maximum diameter: 12 inches (305 mm) Core inside diameter: 3 inches (76.2 mm) Maximum output roll weight: 60 lbs (27.2 kg)



DIMENSIONS (H x W x D)	Printer & Feeder: 46.3" x 25.7"x24.9" (1177 mm x 654 mm x 633 mm) Rewinder: 16.4" x 19.7" x 21" (415 mm x 500 mm x 533 mm)
WEIGHT	Printer & Feeder: 337.8 lbs (153.2 kg) Rewinder: 30 lbs (13.6 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 @ 880W 220 - 240 VAC, 50/60 Hz @ 440W
CERTIFICATIONS	FCC Class A, CE, cTUVus, CCC
WARRANTY	1 year – Parts & Labour
HARD DISK	40 GB internal disk
MEMORY	512 MB, optional 1 GB

1. Published performance results based on laboratory testing. Individual results may vary.
2. Must use Narrow Fuser
3. 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.
4. Letter-size sheets at 5% coverage. Printer ships with a 7,500 page set of starter toners.
5. 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 APEX 1290, 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: Intel Xeon E5-1650 @ 3.20GHz, or Intel Core i7-3930K @ 3.20GHz
RAM: 12GB RAM (minimum)
HDD: 150GB SATA 10K or 15K RPM
OS: Windows 7 Professional, or Ultimate 64-bit

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iSys Label
911-28th St. NE
Calgary, AB Canada
T2A 7X1

T: 403-204-5200 F: 403-204-1971
sales@isys-group.com | www.isys-label.com

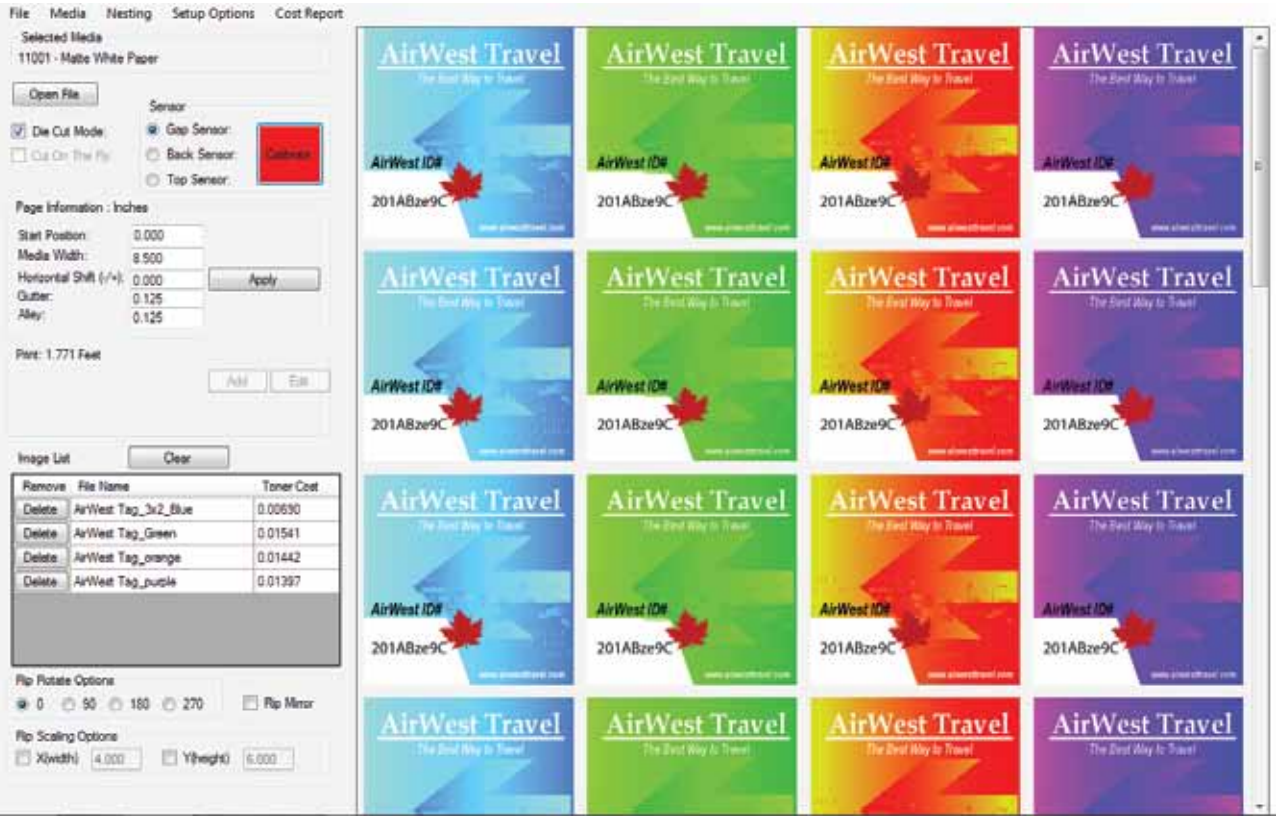


APEX 1290



APEX2Print Software & Certified Media Library

iSys's APEX2Print label software is a full featured, easy-to-use software package that was developed exclusively for the APEX 1290 short to mid run label printer. The drag and drop, snap to grid layout allows for quick imposition of PDF graphics and combined with the quick changeover technology, makes light work out of label production.



- User defined layouts and media management
- Conventional or die-cut media layout
- RIP rotation, scaling, mirror imaging and nesting capabilities
- Toner coverage and cost calculator, per label and per job
- Multi-up costing for different graphics on the same layout
- Edge to edge printing capabilities on die cut rolls
- Full color management Harlequin RIP
- iSys Certified Media Library includes a wide variety of Certified substrates under the categories: paper, plastic, foil, fabric, textured and tagstock

iSys Variable Data Printing (iVDP) *Optional

Compatible with the APEX 1290 digital label printer, iVDP will allow users to expand their print capabilities and further meet the customer's needs for mass customization in their design and message. The built-in Pantone library and advanced color management tools allow for clean and crisp high resolution and eliminates the need to pre-print labels. Delivering 1200 x 600 dpi resolution and print speeds



- Easy to use WYSIWYG design interface
- Over 400 preformatted barcodes
- Advanced serialization
- Numerous graphic formats
- Horizontal and vertical sequential layout
- CSV file data importing

Many Labels. Many Applications. One Solution.

The Power To Do More In Less Time - A unique digital press solution for short-mid run label production

Imagine having the ability to ship your customer's print job the same day. The APEX 1290 makes this possible through innovative features such as quick changeover technology coupled with management workflow software, which allows operations to stage a job in minutes. Initiate job requests by choosing from conventional or die-cut media in a variety of substrates from the iSys Certified Media Library. Now you are ready to print at speeds up to 9.14 m/min (30 ft/min). The APEX 1290 comes equipped with a 305 mm (12") O.D. rewinder that is adjustable to match the continuous media output while winding labels, making the rolls ready for the finisher or applicator.



Printer Output

- CMYK toner based
- 1200 x 600 DPI at 160 LPI
- Photo image quality
- Print speeds up to 9.14 m/min
- Output rewinder
- Runs media widths from 3-12.9 inches wide

up to 9.14 m/min, users will be able to increase productivity, reduce inventories and decrease lengthy lead times by incorporating variable data printing into the current print solution.

