Midwest Leading Solutions Provider

Automatic Label Applicators

Pressure Sensitive Labels

Thermal Transfer Printers

Industrial Inkjet Printers

Traditional Marking

PALCO
Industrial Marking and Labeling, Inc.
www.palcosys.com

"**W**orking together with trust, excellence and dependability to become the leading Quality Solutions Provider in the Product Identification Industry."

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PALCO is a Leading Manufacturer of custom printed pressure sensitive labels and tags.

Palco specializes in printing custom pressure sensitive labels that meet your company's needs. Our production staff is committed to assisting you with making your labeling ideas a reality. From blank labels to multi-color labels, we can take your job from concept, to design, to finished product.

You can count on receiving the same high-quality product whether you need 1,000 labels or 1,000,000 labels.

Our job isn't just to produce beautiful labels, it's also to produce satisfied customers!

PALCO'S CAPABILITIES

Printing -
- Up to 8 colors in one pass
- Two sided printing – any combination
- 4-Color process and spot colors
- Custom coatings and PMS color matching
- Over lamination of printed labels or UV varnish
- Roll to roll – die cut or butt cut labels
- Roll to sheet – sheeted labels or die cut singles
- Split liner for removal
- Pin-feed pressure sensitive labels – rolls or fan-folded
- Extensive tooling library
- Extended Content Labels

Computer Systems –
- Mac & PC capabilities
- Dedicated server for ripping
- FTP site for easy transfer of files

In-house Plate Making –
- State of the art flexographic plate making equipment

Packaging –
- Shrink wrap
- Carton pack
- Palletizing

Graphics Department –
- Graphic Design Services
- Prepress

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QUALITY ASSURANCE

Our staff is dedicated to the art and science of quality label making.

Every label produced at PALCO goes through a minimum of four quality and proofreading checks before they leave our facility. Accuracy during the printing process means a better product for you.

We make all of our plates in house, giving us complete control of the entire job. From design to shipping (and every step in between), we control the progress of a job and check it for accuracy along the way.

One of the elements of quality control includes video web inspection. This equipment allows the press operator to view a moving web and detect and correct any imperfections or misregistration to maintain the quality and integrity of the job.

PALCO Quality
Committed to

The following is a summary of steps taken to assure label quality:

Pre-Press / Graphics - All work done In-House
- Receive and review artwork to ensure printing specs are met
- Any necessary corrections are made
- Check spelling and grammar; Customer is notified if any concerns
- Negatives/Separations produced and inspected
- Printing plates made and inspected

Press Checks
- On-Press registration inspection
- Colors are verified with a spectrophotometer
- If printed previously, labels are compared to each other
- All text is proofed again
- Barcodes, if any, are verified three times
- Quality is monitored during entire press run via video inspection

Finishing
- During the rewind process, all labels are checked for quality and correctness

SEE OUR WEBSITE FOR MORE INFO ON ART SPECS & TO SEE OUR LABEL PORTFOLIO.

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Blank Tags & Labels

Direct Thermal Paper Labels and Tags

WITH PERF	WITHOUT PERF	DESCRIPTION	APPROX. LBS/CASE	#/CASE	#/ROLL	#/BOX
779103	770013	1.50 x 1.00	36	88,000	5,500	16
769103	760103	2.00 x 1.00	38	66,000	5,500	12
669103		3.00 x 3.00	40	16,000	2,000	8
819103		3.00 x 5.00	39	9,600	1,200	8
139103		3.50 x 1.00	31	22,000	5,500	4
429103		4.00 x 2.00	26	11,600	2,900	4
029103		4.00 x 2.50	29	10,000	2,500	4
079103	070103	4.00 x 6.00	27	4,000	1,000	4
559103		4.00 x 6.50	23	3,600	900	4
359103	350103	4.50 x 2.50	29	10,000	2,500	4
	390103	4.50 x 3.00	30	8,000	2,000	4
	450103	4.50 x 4.50	29	5,600	1,400	4
	170103	4.50 x 6.00	29	4,000	1,000	4

MORE SIZES AVAILABLE CALL OR VISIT OUR WEBSITE

Thermal Transfer Paper Labels - Roll Stock

WITH PERF	WITHOUT PERF	DESCRIPTION	APPROX. LBS/CASE	#/CASE	#/ROLL	#/BOX
779024	770024	1.50 x 1.00	39	88,000	5,500	16
629024	622024	1.875 x 1.375	40	54,000	4,500	12
769024	760024	2.00 x 1.00	38	66,000	5,500	12
763024	766024	2.00 x 1.00	26	44,000	11,000	4
759024		2.00 x 1.50	31	30,400	3,800	8
209024	202024	2.50 x 1.50	31	28,800	3,600	8
519024		2.00 x 2.00	34	23,200	2,900	8
679024	670024	3.00 x 1.00	37	44,000	5,500	8
969024	960024	3.00 x 2.50	40	23,200	2,900	8
669024	660024	3.00 x 2.00	41	16,000	2,000	8
709024		3.00 x 4.00	37	12,000	1,500	8
819024	810024	3.00 x 5.00	32	6,600	1,200	8
139024		3.50 x 1.00	25	22,000	5,500	4
139024-WI		3.50 x 1.00	25	22,000	5,500	4
052024		3.50 x 8.00	25	3,200	800	4
489024		4.00 x 8.50	25	15,200	3,800	4
429024	420024	4.00 x 2.00	27	11,600	2,900	4
149024	140024	4.00 x 2.50	24	9,600	2,400	4
229024	220024	4.00 x 2.50	24	10,000	2,500	4
229024-WI		4.00 x 2.50	24	10,000	2,500	4
589024	580024	4.00 x 3.00	33	8,000	2,000	4
589024-WI		4.00 x 3.00	33	8,000	2,000	4
869024	860024	4.00 x 4.00	27	6,000	1,500	4
869024-WI		4.00 x 4.00	31	6,000	1,500	4
879024	870024	4.00 x 5.00	31	4,800	1,200	4
079024	070024	4.00 x 6.00	27	4,000	1,000	4
079024-WI		4.00 x 6.00	27	4,000	1,000	4
079024-OP		4.00 x 6.00	27	4,000	1,000	4
079024-HCW		4.00 x 6.00	27	4,000	1,000	4
079024-REM		4.00 x 6.00	27	4,000	1,000	4
559024	550024	4.00 x 6.50	23	3,600	900	4
559024-WI		4.00 x 6.50	23	3,600	900	4
	570024	4.00 x 8.00	28	3,200	800	4
549024		4.00 x 12.875	28	2,000	500	4
359024	350024	4.50 x 2.50	29	10,000	2,500	4
	450024	4.50 x 2.50	30	5,600	1,400	4
	690024	4.50 x 5.00	32	4,800	1,200	4
199024	190024	4.50 x 6.00	26	4,000	1,000	4
119024-WI		4.50 x 6.00	26	4,000	1,000	4
109024	101024	5.00 x 3.00	33	8,000	2,000	4
109024-WI		5.00 x 3.00	33	8,000	2,000	4
291024		5.00 x 4.00	31	6,000	1,500	4
391024		5.00 x 4.00	31	6,000	1,500	4
391024-WI		6.00 x 4.00	31	6,000	1,500	4
999024		6.5 x 4.00	32	6,000	1,500	4
	011024	8.50 x 6.00	36	2,000	1,000	2

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Label Printer Ribbons

ZEBRA®
Thermal Transfer Ribbons

STOCK NO.	WIDTH	LENGTH
06825171	40mm/.157"	450m/1476'
17825171	60mm/2.37"	
94905171	83mm/3.26"	
97425171	110mm/4.33"	
39825171	130mm/5.12"	
23367171	171mm/6.73"	
95445171	40mm/.157"	300m/984'
06445171	60mm/2.37"	
17445171	80mm/3.15"	
41600181	95mm/3.7"	
28445171	110mm/4.33"	
61600181	114.3mm/4.5"	
09345171	130mm/5.12"	
58884171	152.4mm/6"	
58194171	184mm/7.25"	
47194171	220mm/8.66"	

DATAMAX®
Thermal Transfer Ribbons

STOCK NO.	WIDTH	LENGTH
75300181	25.4mm/1"	360m/1181'
42467171	38.1mm/1.5"	
17627171	50.8mm/2"	
21965171	64mm/2.5"	
53467171	76.2mm/3"	
36727171	89mm/3.5"	
58545171	101.6mm/4"	
57866171	108mm/4.25"	
47545171	114.3mm/4.5"	
20256171	127mm/5"	
31256171	140mm/5.5"	
42256171	152.4mm/6"	
88306171	165.1mm/6.5"	
51110181	178mm/7"	450m/1476'
95320181	191mm/7.5"	
17620181	203mm/8"	
21486171	216mm/8.5"	

Standard Wax Ribbons
Produce crisp, smudge resistant images. Tested to meet the strict quality specifications of printer manufacturers.

Premium Wax/Resin Ribbons
These ribbons deliver wax/resin performance at an economical wax price. An innovative formula combines the benefits of general-purpose wax with the high-performance quality of wax/resin, offering the highest quality image and smudge/scratch resistance on a wide variety of label materials.

Resin Ribbons
Produce permanent images when used with recommended thermal transfer labels.

SATO®
Thermal Transfer Ribbons

| STOCK NO.	WIDTH	LENGTH
72666171	38.1mm/1.5"	210m/689'
05666171	50.8mm/2"	
27666171	64mm/2.5"	
49666171	76.2mm/3"	
13766171	101.6mm/4"	
35766171	110mm/4.3"	
68766171	38.1mm/1.5"	410m/1345'
10866171	50.8mm/2"	
43866171	76.2mm/3"	
98866171	101.6mm/4"	
09866171	110mm/4.3"	
40966171	127mm/5"	
64186171	140mm/5.5"	
53186171	152.4mm/6"	

Thermal Transfer Ribbons also available for:

- Advanced
- Analog
- Auto Print
- Avery
- Barcode Blaster
- Bellmark
- Intermec
- Monarch
- Norwood Jaguar
- Code Writer
- Tec
- Columbia
- UBI
- Eltron
- Willett
- Soabar
- RJS
- Paxar

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Label Creation Software
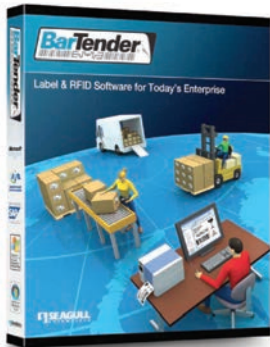
BarTender

BarTender is a leading true Windows® barcode label software program. This professional label design and bar code software tool has powerful features for compliance labels and integration with enterprise software. It even supports RFID tags. Yet BarTender is so easy, it gets beginners designing in minutes.

BarTender is available in multiple editions that address a wide range of features and user requirements: Enterprise Automation, Professional, and Basic.

Quick Overview:
- Total control over your label's appearance, including the type and size of text, barcodes and graphics
- Design mode with an extraordinarily accurate "real-time" view of your label. A Print Preview mode that even reads your external data sources, so it can display exactly how your labels are going to look before you print them
- Designer Typefaces, Even on Thermal Printers
- Instant Barcodes
- Ability to add graphics like company logos and pictures of products
- Export barcodes for use in other software packages
- Advanced, Serialization
- Industrial Symbol Libraries

LABELVIEW & CODESOFT

Powerful Label Design and Integration Software for Beginners All the Way Up to Advanced Users

TEKLYNX LABELVIEW & CODESOFT barcode label software. Design barcode labels and integrate your barcode label printing system into existing systems with unmatched power and flexibility.

Whether you need to use LABELVIEW or the CODESOFT barcode label software to print RFID labels, print bar code labels or print compliance labels, LABELVIEW 9's new features and an intuitive interface provide the most powerful solutions.

Other Features:
- Quickly and easily connect to a database, create queries to a database, and manage database connections
- Reduce errors at print time by using customizable print forms
- Simplifies adding barcodes, images, text, and variables during label creation

Quick Specs:
- Windows 7, Windows Server 2003, 2008 or Windows Vista SP1.
- Simple, yet powerful label design interface
- Advanced integration features for tying into your existing business systems
- Printer support for 1000+ thermal/thermal transfer or Windows printers
- Advanced RFID tag support
- Graphic support for over 45 formats including BMP, EPS, GIF, IMG, JPEG, MAC, PCX, TIFF, WPG and more
- Available in network & print-only versions; no security key required

Interested in a mobile printing solution? Pocket LABELVIEW is a powerful, flexible and easy-to-use Pocket PC-based solution for barcode label printing.

FlexMail 4

FlexMail is a variable data design and printing solution, unmatched in its versatility and performance; designed for users who need to print variable data, from direct mail to product labels.

FlexMail offers an extensive range of postal features to prepare mailing lists and design postal items. FlexMail lets you connect to your data, prepare the data for your project, design your output, and print at high quality and speed on any printer while being fully integrated into the production line for maximum control.

FlexMail is easy to use because of its intuitive user interface incorporating ribbons, tool tips, context sensitive help, and wizards that take users through more complex tasks.

The FlexMail software is international and multilingual. It supports the (postal) standards of a growing list of countries. You can select the language version you want to use and switch between languages if necessary.

EASYLABEL BY THARO SYSTEMS

EASYLABEL 6 enables you to custom design your own labels on demand, quickly and easily. Many users are tired of days or weeks of frustration with label design software only to find they really need another package. The truly distinctive feature of EASYLABEL 6 is that you'll never need to buy another label design package again. As your needs change, EASYLABEL will change and grow with you.

EASYLABEL 6 pays you back quickly through lower label inventory, less waste due to label obsolescence and the elimination of expensive pre-printed labels. EASYLABEL 6 is a FREE upgrade for all EASYLABEL 5 users. You don't have to be computer literate to handle complex labeling requirements. The goal of EASYLABEL 6 is to make you productive, successful and more effective. It does all the hard work, so you don't have to.

MARKSnMORE
Industrial Marking & Data Collection Software

A Customizable and Scalable Software Solution for Industrial Marking and Data Collection Applications.

KEY FEATURES & BENEFITS
- Simultaneous communication with multiple industrial printers and marking devices
- Real-time links to databases and enterprise systems
- Communication with barcode scanners, scales, and other input sources for variable information
- Automated control of real-world mechanical devices
- Event data gathering, tracking, and reporting
- Integrated Data Tracking
- Report Generating

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Honeywell

H-Class

**H-4212 • H-4310 • H-4408 • H-4606 • H-6210 • H-6308
H-4212X • H-4310X • H-4606X • H-6212X • H-6310X • H-8308X**

The Datamax H-Class family is an advanced and feature-rich printer solution designed for today's dynamic enterprise applications. H-Class printers provide throughput that is up to twice as fast as other printers in its class, and its gear-driven design provides rugged and reliable performance for 24/7 mission critical service. Modular construction increases up-time for the highest levels of user productivity, and a large graphical display provides an easy-to-read view for quick navigation and printer notifications.

- Reduced total cost of ownership with an easy to maintain modular design
- Heavy duty components to support 24/7 mission critical applications
- High-performance 32 bit/ 200MHz multi-tasking processor for maximum print throughput for the most demanding applications
- Rugged and reliable solid cast metal chassis for challenging environments
- Flexible connectivity with largest range of interfaces
- Designed for any level user to navigate the large graphic display for optimum viewing and control of all printer functions
- Superior Batch Printing using a direct powered internal rewinder for complete eight-inch label rolls with backing

S-Class

The Datamax S-Class family of ticket and tag printers has been upgraded with increased memory and processing power, bidirectional parallel port, USB port, and are now RoHS compliant. The ST-3210 includes: up to 10 ips print speed, adjustable ticket width guides, user selectable firmware-resident printer languages, self-loading print head mechanism, easy access print head for cleaning, and rugged metal cabinet.

Adding 300 dpi print resolution to the ST-3210 results in the ST-3306. In addition to all of the industry standard linear barcodes, the S-Class can also print complex two dimensional (2D) barcode symbologies including PDF417 and Datamatrix.

M-Class

The M-Class Mark II is a compact industrial strength printer series that offers the power and performance required in industrial environments, the reliability demanded in commercial applications and a small footprint when space is a consideration. It combines powerful standard features with a variety of flexible options to meet the broadest possible range of applications.

I-Class Mark II

The I-Class Mark II is loaded with many standard features not offered by the competition such as a faster processor, larger memory, a wide selection of communication ports, an intelligent printhead with durable coating and better abrasion resistance, and the new OPTIMedia feature that automatically selects heat and speed setting to produce the best print quality. Users will also notice a substantial reduction in power consumption. The Datamax O'Neil I-Class Mark II is the ideal printer for shipping and receiving, product identification, pharmacy labeling and asset tracking applications.

Mobile Printers

PrintPAD

The PrintPAD integrated printing systems offer mobile workers the convenience of a portable thermal printer and mobile computer united in a compact and ergonomic, rugged and reliable unit. It's designed for use with a variety of Motorola®, Intermec, and Hand Held Products™ mobile computers.

Route Printer (RP)

The Route Printer series is a portable, full-page dot matrix printer that is rugged enough to be used in the cab of a truck or carried into a remote receiving area. An Integrated Printing System which combines the printers with industry's leading mobile computers to provide the ultimate in convenient integration and portability for users in route accounting, direct store delivery (DSD), and other field mobile applications. Integrated Printing Systems allow you to carry, charge and communicate from a single integrated device.

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Thermal Transfer Printers

220Xi4

The Zebra 220Xi4 Barcode Printers improve productivity by working non-stop in high-volume industrial settings where rugged reliability is required. It is designed to produce large labels up to 8.5" (216 mm) wide at 10" (254 mm) per second at 203 dpi and 6" per second at 300 dpi (152 mm) resolution. With a large LCD screen that simplifies set up by displaying built-in wizards that guide you through the configuration steps.

The 220Xi4 is ideal for industrial applications—chemical drum (HAZMAT) identification labels, pallet/container shipping labels and product identification labels for large rolls of paper or textiles. Designed to withstand harsh conditions and extreme temperatures, the Zebra 220Xi4 printers are completely housed in metal and steel to survive the wear and tear found in most manufacturing and logistics environments.

ZT600 Series

Zebra's industrial printers are well known for their durability, fast print speed, long life span and unparalleled reliability. The ZT610 and ZT620 build on that legacy, with the most advanced, comprehensive feature sets of any Zebra stationary printer series with highly precise registration and print line adjustment. The Series was built with the future in mind-from an adaptable design that allows communications, media handling and other upgrades in the field.

ZT510

Designed to strike the ideal balance between performance and value, the ZT510 includes the core features you need in an industrial printer at a cost-effective price point. The ZT510 provides a proven, durable design and construction while adding advanced management and monitoring capabilities. With high-quality print mechanisms and internal components to ensure flawless 24/7 performance, provide consistently outstanding quality and virtually eliminate costly downtime.

ZT400 Series

ZT410/ZT420

Zebra's durable ZT400™ Series printers are designed for years of performance in a wide array of applications. Building on the field-proven reliability of the Z Series™, ZT400 Series printers feature advancements in print speed, print quality and connectivity options. Designed for ease of use, ZT400 Series printer offer an intuitive icon-based LCD graphical user interface and easy supplies loading. And, they include standard USB, Serial, Ethernet and Bluetooth® connectivity. Expanded RFID capacities deliver greater tracking abilities, deeper visibility and enterprise insights.

The ZT400 Series is offered in both 4" and 6" models and comes standard with an extensive set of advanced features that ensure your printer investment will always meet your needs, now and in the future. Constructed using an all-metal frame and bi-fold door, these printers are designed to easily fit in space-constrained environments.

ZT200 Series

ZT210/ZT220

Zebra's most affordable industrial printers, the ZT200™ Series, incorporate extensive customer feedback and the learnings from legacy printers—creating innovative printers with a space-saving design. Featuring Zebra's Link-OS® environment, the ZT200 Series provides users with effortless setup, intuitive operation and easy service and maintenance. The ZT200 Series offers a streamlined design and smaller footprint that takes up less physical space than the legacy S4M™ printer. ZT200 Series printers require minimal operator training and benefit from tool-less standard component maintenance and a durable design to minimize service.

ZT200 Series printers are easy to integrate, manage and maintain from any location around the globe due to the innovative operating system combining a powerful Multiplatform Software Development Kit.

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Thermal Transfer Printers

64xx Series

The super efficient 64 Bit thermal transfer printer always drives in the fast lane. Whether used to print barcodes, tags or production labels, this powerful machine is impressive thanks to several additional features.

The 64 bit carries out any printing task in high resolution, with astonishing precision and intelligence. It protects against errors already in the input stage, uses no more ribbon than absolutely needed and features an extremely simple operating interface. In addition, this compact printing powerhouse is highly durable and robust.

PERFORMANCE - Available in four different widths:			
Model No.	64 04	64 05	64 06	64 08
Print width:	106.6 mm/4"	127.94 mm/5"	159.94 mm/6.3"	213.2 mm/8.4"
Media width:	25.4-113 mm/1"-4.45"	25.4-154 mm/1"-6"	30.2-185 mm/1.2"-7.3"	100-254 mm/3.9"-10"
Dimensions:	310x305x480 mm	350x305x480 mm	380x305x480 mm	478x305x480 mm

AP 5.4 GEN II

The operating controls for all printers in the range are straightforward and simple to operate. Print-heads are easily replaced and the print settings are adjusted by the touch of a button. The display shows color coded status menus and is extremely user-friendly to operate.

The AP series will easily integrate into existing processes and internal networks across multiple countries. These tabletop printers are easily swapped in as replacements without the need for any re-programming.

- 203 dpi or 300 dpi print resolutions available
- 8 inches/second (203 dpi)/6 inches/second (300 dpi)
- 4.1 inch print width
- Connect over PS/2, USB, Ethernet, Parallel, or Serial
- SD Card Slot
- Extended 2 year Warranty available

TOSHIBA

B-EX4T

We've combined 60 years of Auto-ID knowledge with the exceptional qualities of our market-leading industrial printer range to design and manufacture a thermal printer series with enhanced performance, service ability and truly green credentials.

With a speed of 14 ips, the B-EX4T boasts a 40% improvement in productivity on the SX range (10 ips). Ethernet and USB 2.0 are standard with options for parallel, serial and wireless LAN. It is fully compatible with the B-SX range, allowing for the swift migration of legacy printers. In addition, advanced processing capabilities facilitate high throughput.

The B-EX range also incorporates a user-replaceable snap-in print head and platen roller, further reducing maintenance costs. The unique intuitive graphical LCD 'help-desk' display improves usability

B-EX4T2

The B-EX4T2 series is designed to seamlessly replace competitor products, using Z-Mode emulation to integrate into legacy software systems. Flat-head technology, left justified media and the use of inside and outside wound ribbons allows for replacement of ageing and costly to operate legacy printing estates (with easy transition from old label and ribbon stock).

With speeds of up to 12ips*, the 4 inch B-EX4T2 range is designed for demanding industrial printing. Advanced processing power ensures not only fast output, but also efficient throughput.

Left-hand aligned media, with the option for inside or outside wound ribbon, ensures compatibility and competitiveness within the media marketplace. A 600m ribbon is also available, for fewer media changes and further lowering the total cost of ownership.

** Other Models Are Available

Intermec®

High Performance Industrial

Members of the smartest bar code printer family on the market, the PX4i and PX6i are flexible and programmable, enabling customers to optimize their printing operations, streamline deployment, and achieve quick return on investment.

PX6i/PX4i

- The PX4i and PX6i high performance printers are part of Intermec's complete line of smart, strong and secure industrial printers
- Interchangeable print head provides choice of print resolution
- The RFID-enabled PX printers enable companies to create RFID smart labels and drive the latest RFID applications
- Both versions are available with 203 or 300-dpi resolution and the PX4i also offers 406 dpi, for precision labeling without any loss of speed
- Replacing print heads is fast and easy with the magnetic QuickMount™ print head design

Mid-Range Industrial

PM43/PM43c

PM Series mid-range industrial printers are ideal for a wide range of applications within the distribution center, warehouse manufacturing, transportation and retail environments.

- Large color multi-lingual tamper proof touch-screen or icon user interface
- Precision print for consistent barcode printing with pin point accuracy
- Built-in multilingual web interface on every printer ensures easy device monitoring
- Compact industrial printers for reliable performance in constrained environments
- Experience the fastest deployment time in the market with Intermec's innovative "no-touch" configuration and an optional embedded RFID chip

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SATO

DCS & Labeling Worldwide

CLNX Series

CL4NX
- Print Width: 4.1"
- Max Print Speed:
  up to 10 ips (203 dpi)
  up to 8 ips (305 dpi)
  up to 6 ips (609 dpi)

CL6NX
- Print Width: 6.5"
- Max Print Speed:
  up to 10 ips (203 dpi)
  up to 8 ips (305 dpi)

CLNX Series Thermal Printer Features Overview

The new CLNX Series printers offer a vast array of standard features that are unequalled by its competition. Printer setups, operation and maintenance are supremely easy and intuitive.

- Best in class head opening of 60° will allow easier access and faster maintenance
- User friendly icon & multi-national languages are supported and shown on Full Color Display
- Built strong with Cast Aluminum to withstand the demands of industrial printing applications and environments
- Newly designed ribbon system supports the use of ribbon lengths up to 600m and significantly improves the take up of spent ribbon in thermal transfer printing applications USB Port offering a convenient method of downloading or copying new printer settings, etc.
- 3.5" Full Color LCD Clear and crisp images provide quality and updates on printer's status
- Precise print registration, for applications requiring tight imaging tolerances
- LTDS contributes to a controlled back-feed tension for demand label applications, providing a proper and consistent label track
- 100MB of user accessible memory allows for storage of formats, large graphics, custom fonts and other downloads allowing for faster throughput

M84 Pro

The Pro Series' rugged industrial generation of high performance printers all-metal design makes these printers ideal for heavy-duty use in the harshest environments. The metal enclosure provides full protection of the print mechanism and media in any mission-critical application. The M84Pro offers user configurable print resolutions of 203, 305, and 609 dpi. The M84Pro uses the latest technology to provide maximum performance and eliminate wait time.

M10e

SATO's M10e was designed with manufacturing applications in mind. This barcode printer creates labels up to a full 11.8 inches wide at a speed of up to 5 inches per second. The 10.5-inch print head makes it possible to print large format compliance labels at top speed without rotating the image. The M10e printer can hold media sizes up to approximately 11.8" wide x 16.6" long. For maximum throughput, a 32-bit high speed RISC processor is in the heart of every M10e printer.

CT4i Series

At the core of the CT printers is a new generation ultra high speed processor. With high data transfer rates and processing speed the CT printers will print continuously, without pausing between labels, even with changes in data and graphics on every label. An important added feature of the CT Series printers is the Windows® driver which allows the creation of labels using virtually any Windows® based program.

MBi Series

SATO's new mobile MBi Series Portable Printers are the ideal solution for portable print applications. Their compact size, rugged design and light weight make them ideal for mobile, on-demand printing needs. These ergonomic wonders are ideal for Mobile Printing, Receipt Printing, Price Marking, Specimen Labeling, Route Accounting, Shelf Labeling and Point of Sale applications.

Ribbons-Page 7
Labels-Page 6

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Mach 5 Digital COLOR Printer

Introducing the RENA Mach 5 Digital Color Printer featuring digital Memjet® technology. The Mach 5 has a single, fixed print head that has over 70,000 nozzles producing brilliant graphics at 1600 dots per inch and print speeds up to 12 inches per second.

The Mach 5 is a productivity boosting, cost effective machine. The five ink tanks each hold 250 ml of ink for long job runs and low cost per piece.

- The Memjet print head is a marvel of inkjet design, with five independent channels packed into a single print bar
- Fixed print head brings productivity to full color printing without sacrificing quality
- Five channels (Cyan, Yellow, Magenta, Black and Black) have 70,400 nozzles for true, sharp 1600 x 1600 dots per inch
- The RENA Mach 5 offers real world production speeds of 9,000 pieces per hour

AS-150 Small Inkjet Printer

- Fixed head technology with three catridges for 1.5" of print height
- Prints variable data, barcodes, graphics & fonts
- Ideal for seed packets and other small media
- Printing speeds from 5,500 No. 10's up to 7,500 coin/seed packets per hour
- Feeder holds up to 300 envelopes with load-on-the-fly capability
- Made in the USA with all-metal construction to provide unsurpassed toughness and reliability
- Compact footprint for tight production space
- Print resolution up to 600 dpi
- Maximum media size: 9.5" L x 6.5" W
- Minimum media size: 4" L x 2.125" W

Envelope Imager 2.5

Do you need the flexibility to print a variety of things? The RENA Systems Envelope Imager 2.5 is new and improved with a slew of big system features, but without the big price tag.

Dual print heads enable you to add return addresses, indicia, barcodes and more to your primary address, on a large 2.5" print area. Electronic thickness adjustment and a clutch-controlled built-in feeder that holds 500 envelopes means even greater productivity. American made with all metal construction means it's built to last.

- Unique 2.5" print area from two individual print heads with 9.5" vertical range
- Tech laden: 64 MB of RAM, TigerSharc 100 MHz DSP with Dual Calculation Technology
- High speed addressing at productivity boosting speeds of 30,000 postcards/hr
- Quarter-inch (1/4") thickness capability

Envelope Imager 3.0
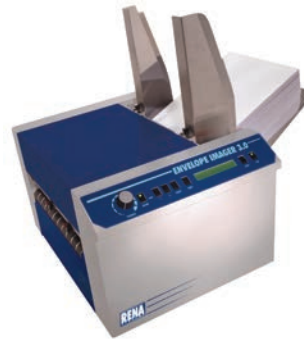
The RENA Systems Envelope Imager 3.0 is a heavy-duty, full-featured addressing system designed for high performance with powerful processing, precision parts and all metal construction.

Print addresses, attention lines, postal barcodes, return addresses and indicia in a single run. You have four different print qualities. Fully independent print heads can overlap into two printing areas. This system will meet the demanding load of your business for years to come.

- High speed inkjet addressing at productivity boosting speeds of 34,000 postcards/hr
- Extra large material hopper holds up to 750 #10 envelopes for less job interruption
- Built in clutch controlled heavy duty feeder with electronic thickness adjustment
- 3" print area from two fully independent 1.5" print heads with a 12" vertical range

TB-390 Conveyor (3-Foot)

The TB-390 conveyor is used to transport media away from the exit end of a printer or tabber and deposit/stack the media into a drop-tray or against an optional back-stop. The stacked media can then be removed, from the back-stop or drop catch tray, without the need to stop the printer or tabber.

An optional dryer and dryer mounting kit can also be installed on the TB-390 conveyor to aid in drying the images applied by an inkjet printer.

The TB-390 conveyor can be configured to run in the direction you desire, either from "right to left" or from "left to right" with just a switch.

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VP700

If your operation requires on-demand color or thousands of labels at a moments notice, then the VP700 is perfect for you. Memjet is a new way to print lightning fast and affordable color labels.

- Eliminates the need for pre-printed label inventories.
- Surprisingly low cost of ownership
- Colors are incredibly vibrant, and printed text and barcodes are crisp and sharp
- Ink cartridges, print head and consumables are easy to access

- Prints at the exceptionally high speed of 12 or 6 inches per second at resolutions of 1600 x 1600 dpi respectively
- Rugged steel body for industrial applications and setup, operation and maintenance are straight forward, making in-house label production and private labeling accessible to any organization
- Holds five 250ml color ink cartridges to easily manage large print runs with minimal operator intervention
- Runs with most common Windows software applications and label design packages so there is no need to update or change your software
- Supports most inkjet label materials available on the market

VP485

The VP485 is an 8.5" wide color-on-demand label printer. The unit redefines the desktop color label printer market with its speed and quality, expanding the range of applications that can be served with this type of equipment.

Unlike many units in the market today, the VP485 is designed with large separate ink tanks. Each separate ink color can be changed discretely and are operated in conjunction with long-life print heads. This greatly reduces the frequency of replacements as well as the costs associated with tri-color ink cartridges.

- All inks are in easy access separate cartridges (reduce waste, cost, and interventions while making changes easy)
- Lowest cost of ownership of any inkjet label printer in it's class today
- Large external unwinder ideal for longer print runs
- High impact labels with deep rich colors
- Enables fully variable color content
- Highly scratch and smudge resistant
- Great water resistance

ColorDyne 1600 C

Well, every now and then, a true technological revolution occurs that truly breaks the mold. The new ColorDyne 1600 C Digital Color Printer is exactly that – a technology breakthrough. Powered by Memjet® Technology. Printing in color is now affordable with Colordyne's continuous color digital printer.

The CDT-1600 C (available in roll or fan fold) is a high speed label and tag printer with throughput speeds up to 12 inches/second. Colordyne printers are powered by Memjet technologies and print lightning fast. With fast print speed and high resolution capabilities, the CDT-1600C is the fastest color digital label printer in its class.

Introducing the ColorDyne 1600 C Digital Color Printer featuring digital Memjet® technology. The 1600 C has a single, fixed print head that has over 70,000 nozzles producing brilliant graphics at 1600 dots per inch and print speeds up to 12 inches per second.

Quick Specs:

- Five Channels per print head: CMYKK, 70,400 nozzles per print head (14,080 per color)
- Up to 740 million ink droplets per second
- High Quality: 6 inches/sec (152.4 mm) at 1600 x 1600 dpi
- Normal Quality: 12 inches/sec (304.8 mm) at 1600 x 800 dpi
- Wasatch SoftRIP color management software
- NiceLabel professional label design software
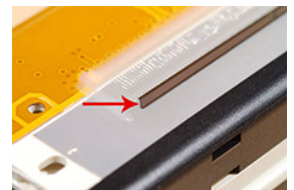
MACH X

PRIMERA
TECHNOLOGY, INC.

The Mach X is the perfect production solution for efficient modern label printing needs. The Mach X prints in dazzling full color, on rolls up to 9" wide and 10" in diameter. The fully digital inkjet printing means there are no setup costs, no plates, no production minimums and it doesn't require a doctorate to operate.

Print stunning labels for wine, snacks, tools, household products and literally anything else that requires a quality image.

Print on demand and eliminate waste from outdated stock and produce small runs with the same efficiency if you are printing 5 labels or 5000. Take advantage of the Customization Revolution and improve profits by increasing your product reach and expanding the amount of customers you can service with your manufacturing capacity. The cost savings for short runs are not only in the production, but the eliminated waste of time, material and resources.

Like all Rena products, the Mach X is precision engineered and its all metal construction is built to last for years of reliable production.

- Print in brilliant full color quality at 1600 x 1600 dots per inch
- Optional unwinder and winder can hold up to 10" O.D. Rolls
- Prints up to 500' continuously before cleaning is required
- Intelligent roll-to-roll design for high productivity and ease of use
- Digital platform allows for instant changes and just in time production
- Prints full process color labels in a class-leading speed up to 60 feet per minute or 12 inches per second
- Ultrafast color label printing at speeds up to 12 inches per second
- Fixed head design, high capacity ink tanks, automatic print head cleaning and capping service station
- No heat, no contact printing

RENA
SYSTEMS

Check out the RENA MACH 5 Digital Color Envelope Printer on page 13.

LX1000

The LX1000 is a pigment based label printer capable of producing durable labels in large quantities. Large, individual CMYK ink cartridges keep cost per label low. The combination of pigment-based inks and various synthetic materials make the LX1000 labels highly water and UV resistant. This durability supports applications such as bath and shower products, frozen or refrigerated foods, beverages and much more.

Features:

- Wide variety of substrates including paper, polyester, polypropylene and vinyl
- Speeds up to 4" per second
- Bartender Ultralite software included for label formatting
- Media width of 0.50" to 8.25" (12.7mm to 210mm)
- Maximum print length of 0.50" to 24" (12.7mm to 609.6mm)
- BS5609 Section 3 Certified for producing GHS labels
- Operating system: Windows® 7/8/10+ (not Mac compatible)

PX450

Primera's PX450 Color Printer is a compact, full-color POS printer designed for use at retail point-of-sale and other point-of-issue applications. It is ideal for printing coupons, receipts, tickets, name badges, wristbands and other types of narrow-format output. Print times are fast, producing a typical 4" x 2.5" (101mm x 63.5mm) full-color coupon in under five seconds. The built-in guillotine cutter allows forms of any length to be printed, cut and dispensed. The printer's small size and compact footprint allows it to be installed on counters with limited space.

PX450 delivers full-color POS output at a reasonable price. Its fast print speeds and reliable performance keep customers moving through your checkout lines, registration desks or admissions counters.

LX500

LX500 utilizes the latest in high-resolution inkjet technology to print brilliant full-color product labels right in your office or production facility.

Your labels can include full-color photos, illustrations, graphics, text and bar codes. Print them when and where you need them – in quantities you can really use! Best of all, depending upon the quantity you print, the price per label will be significantly less than labels printed on flexo or offset.

Features:

- Optional built-in label cutter
- 4800 dpi full-color printing
- Small, compact size
- Prints up to 4" wide

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UX Series

UX-B160W Basic

The Basic model offers up to 240 printable characters on 3 separate lines and a print rate of up to 1148 per second. The model comes with 150 basic message storage capacity. Through its "Clean & Easy Cartridge System" and its "Makeup Fluid Consumption Reducing System" maintainability and environmental performance can be improved.

- Clean & Easy Cartridge System
- Significant reduction of makeup consumption
- 3-line printing
- IP 55 protection

UX-D160W Standard

The Standard model offers a well-equipped printer with several top-up options, reduced makeup consumption and clean & easy change of cartridge-type bottles. It is capable of up to 6 lines of printing. The Standard model offers up to 240 printable characters on 6 separate lines and a print rate of 1148 characters per second (Option up to 2563). The model comes with 300 message storage capacity (Option up to 2000 depending on data).

- Clean & Easy Cartridge System
- Significant reduction of makeup consumption
- 6-line printing
- IP 65 protection

Intuitive Print Control

Worry Free Integration

Simple Fluid Management

Mess-Free, Mistake-Proof Fluid Refills. Intelligent fluid cartridges reduce the possibility of hazardous fluid spills during refill. Being two different shapes, the Ink and Makeup cartridges are easily identifiable as well as sized to fit in each respective receptacle.

Reliable Circulation System

UX Print head

New Versatile, Durable Print Head

UX Ink Jet Printer Series

Hitachi's UX Series continuous inkjet printers represent the pinnacle of innovation in marking and coding technology, all while showcasing Hitachi's reputation for Reliability, Efficiency, and Ease of Use.

Ink is recovered using a pulsating system, which reduces the evaporation rate and makeup consumption, thus increasing your bottom line.

Hitachi UX Series printers can operate in High and Low temperature environments as well as dusty environments, allowing them to be placed close to the action.

UX - D160 W/S

UX - D150 W

High Speed Printer for printing on lines of wire, cans, etc.
- New and improved nozzle control method

UX - D160 W/S

Pigmented Ink Printer for Dark Colored Surfaces.
- Ink circulation system to stir pigments
- Improved whiteness and adhesion strength with white pigment ink

UX Twin Nozzle Series

The UX twin print head now has the capability of producing 8 lines of text by combining two individual nozzles into one, compact design. Hitachi's innovative design now produces 64 vertical dots of print, resulting in large, bold characters. This makes the UX twin nozzle printer ideally suited to mark company logos, UL marks, or any other pattern previously unachievable with traditional print heads.

Having two nozzles on tap dramatically increases the speed of multi-line printing. Traditionally, single nozzle print heads become taxed very quickly when printing multiple lines of print, especially at speed. By sharing the work load between two separate nozzles, this effect is greatly reduced.

A unique option in the new twin-nozzle printer is the ability to stitch both nozzles together. This results in characters that are bigger and bolder than ever, compared to those printed by individual nozzles.
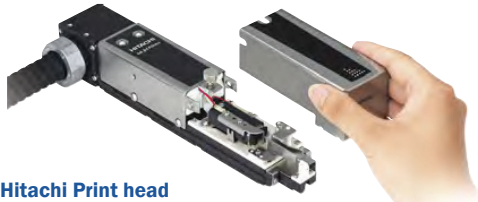
HITACHI
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RX2 Series

RX2-S (Standard)

RX2-B (Basic)

The Hitachi RX2 Series industrial small character high speed printer, categorized as a non-contact marking system, prints variable product information directly on various substrates. The RX2 printer is capable of marking and coding various product materials such as metals, plastics, rubbers, films and papers. The Hitachi RX2 Series offers the consumer superior print quality, reliability and overall performance.

Our ink jet printers are designed to allow long periods of uninterrupted runtime. Less operator intervention is required on Hitachi ink jet printers so more time can be spent maximizing your production. Our innovative low pressure, ink circulation block mean less wear and tear and a longer product lifetime.

Equipment improvements in the cabinet design allows for easier access to circulation and electrical cabinets for more efficient field installations and routine preventive maintenance. Printer filter assemblies can be easily accessed in the circulation cabinet front panel and replaced without use of any tools.

Hitachi Print head

- Made of cast aluminum body for more rigidity.
- Print head is durable even when subject to harsh environment conditions, both indirectly and directly.
- Improved installation characteristics Two-way (inline/90 degrees) selection mechanism.

Increase in the numer of registered print data: The data memory can be expanded to a maximum of 2,000 types with option. A group management function is also provided.

USB memory-compatible: "Print data" can be easily backed up using commonly available USB memory.

Improved Maintenance: Ink and ink filter replacement can be easily executed by opening circulation cabinet front panel.

Traversing System

Print across multiple lanes of packaged food or other products to code multiple packages in one movement

Category Leader
CODING/MARKING
LEADERSHIP IN PACKAGING
2012
PRESENTED BY PACKAGING WORLD

Features:

- Programmable controller with product memory allocations
- Equipped standard with digital reverse printing signal to print in both movement directions
- Standard unit is stepper driven with traversing speeds up to 48m/min (144ft/min)
- Programmable controller sets number of print signals and distance between prints
- Equipped standard with RS-232 output for switching message number in Hitachi printers

LINX 7900

The Linx 7900 industrial continuous ink jet printer for coding and marking comes with everything you expect with additional features as standard.

Key Benefits:

Automatic code setup features built-in - for quicker, error-free coding

Lowest cost of ownership, with long service intervals of up to 18 months or 9000 hours

Prints up to 5 lines of text, graphics, logos and Data Matrix 2D codes

Simple remote printer monitoring and control with Linx Insight remote web interface, for mistake-free coding and marking

Linx's unique FullFlush™ automatic print head cleaning system ensures trouble-free starts and stops

L I N X

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Product Coding High Resolution InkJet Printers

digital design inc

Evolution HP & Funai I & II

EVOLUTION I was designed to be a very basic low cost system. However, the addition of Optional Software enhancements take EVOLUTION I from a simple system to one that rivals much higher priced hi-res large character printers meant for secondary carton coding, as well as making EVOLUTION I a viable alternative to small character DOD, continuous inkjet and laser printers.

- Starts out as a very basic system that will print only what is entered into the hand held controller.
- Can print one line of 1/2 "(12.7 mm) high characters or two lines of 7/32" (5.5 mm) characters.

EVOLUTION II is a full featured high resolution inkjet printer utilizing Hewlett Packard inkjet technology. It will look identical to the EVOLUTION I, but will feature a WYSIWYG back lighted LCD on the controller. A complete software package including message storage, time, date and sequential numbering and more will be standard on the system. Bar coding capabilities will also be built into the system.

- Ability to print one line of 1/2" high characters, two lines of 7/32" characters, three lines of 1/8" characters or four lines of 3/32" high characters.
- Can print eight of the most common barcode symbologies.

Evolution III

EVOLUTION III features a 7 inch full color touch screen controller combined with a complete software package and the ability to print up to one inch high alpha/numeric characters as well as barcodes and graphics up to two inches in height.

- 7 inch 2 color touch screen controller with stylus
- Thermal Inkjet Technology by Hewlett Packard
- Variable Character Heights
- Easily Add on Print heads
- Ink Supply 42 cc ink reservoir is built into the print head

- Optimum Print Resolution of 300 dpi at line speeds of up to 200 feet per minute
- Customized Print Area - Four of the EVOLUTION III print heads gives you a print area of 2 in. high by 24 in. long
- Print a variety of font styles, character heights, logos and barcodes all within the same printed message
- Loaded with software package that includes date and time coding, sequential numbering, shift coding, product counting, message storage and more

Evolution IV

EVOLUTION IV is the next High Resolution Ink Jet Printer in the EVOLUTION series and has also been designed around the thermal ink jet (TIJ) technology proprietary to Digital Design.

- Print up to one inch high alphanumeric characters as well as barcodes and graphics
- 4.3 inch color touch screen controller
- The system includes a color touch screen controller with stylus for message entry, one print head module with internal product sensor, power supply, and mounting bracket
- Prints eight of the most common barcode symbologies
- Delivers bold, highly legible and fully formed characters in a print resolution of 300 dpi at production line speed of up to 110 feet per minute

Evolution HH

EVOLUTION High Resolution ink jet printers have become the industry standard on countless production lines in the packing industry. This "standard" is also available in a portable hand-held model which can be used for field tagging applications, in place of manually applied labels or manual stenciling operations.

The hand-held model can be supplied with either the: EV1, EV2, EV1-LX or EV2-LX print head modules.

It includes the Universal Controller , print head module, a 12 volt rechargeable battery pack, 120 volt. AC wall charger and a 12 volt. automobile charger. The 12 volt rechargeable battery pack supplies enough power for up to 12 hours of operation.

The hand-held with either the EV1 or EV1-LX print head starts out as a very basic system. It will print a message in either one line of 1/2"(12.7 mm) or two lines of 7/32"(5.5 mm). OPTIONAL SOFTWARE PACKAGES for EV1 or EV1-LX can add enhanced features.

Print resolution of 300dpi with EV1 and EV2 print head module and prints Logos as bitmap (*.bmp) files.

INFO

X1Jet HP

The X1Jet HP is a compact and powerful Autoprint system based on Hewlett-Packard technology. It's a printer and microcontroller all-in-one with 3 button operation. The user has the choice of up to 9 preloaded labels, with both network and USB flash drive interfaces. The X1Jet HP is targeted for a range of different applications in the Food & Beverage, Pharmaceutical, Building Materials and other industries.

This independently operating print head is particularly suited for quick and clean printing on product surfaces in the pharmaceutical, chemical and food industry.

Depending on the coding requirements, the X1JET comes with two different program executions available: Basic and Pro version. The Pro version enables a print speed of 90 meters per minute with a resolution of 300 dpi, Ethernet data interface, data backup via USB and many more.

iJet

Smart coding with HP technology featuring iLogic and OLED that permit the selection of hundreds of labels and option of operator-entered variable data such as lot or batch codes. Special inks are available to dry on non-porous substrates. The head and controller are embedded in a compact metal housing that fits in small spaces on packaging lines or in automatic cartoning machines.

This independently operating print head is particularly suited for quick and clean printing on product surfaces in the pharmaceutical, chemical and food industry.

Depending on the coding requirements, the iJET comes with three different program executions available: Basic, Advanced and Pro version. The Pro version enables a print speed of 180 meters per minute with a resolution of 300 dpi, BlueTooth as wireless data interface, data backup via USB and many more.

400 Series
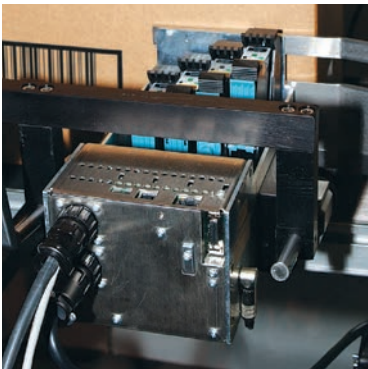
The new AUTOPRINT® Series 400 printer features high definition print quality in a robust printer designed for industrial applications.

The Series 400 printers have a four-head print station and integrated image controller that is embedded in a stainless steel housing. Each print module has long sturdy "skis" that guide the carton being printed to the print station while protecting the print heads. The angled skis are reversible to the direction of carton flow.

Features:

- Clear Print Quality Adjustable from 150 up to 600 dpi
- Large Messages - Modular up to 8 inches high and 40 inches long
- Windows driver and WYSIWYG message composition software
- High Speed Printing Up to 480 feet per minute
- Expandable print height; Opposite and adjacent side printing
- Heavy duty stainless steel
- Cartridge replenishment performs preventive maintenance
- Digital interfaces for quick and easy data entry
- Non-toxic water based ink

Compact Control System

Autoprint X2Jet plus is a consistent further development based on the reliable Autoprint X4Jet series. The particularly compact and cost-effective system is suited for use in the foodstuff, chemical, building material and pharmaceutical industries. The innovative system marks absorbent and semi-absorbent surfaces - fast, accurately and reliably.

iDesign Software

The iDesign barcode software makes it easy to create the messages, formats, fonts, multi-lingual text, graphics and barcodes for coding of products and product packaging.

Overview of controlled print heads

MX print head   **HP print head**   **LX print head**

Ink Management System

The AUTOPRINT Ink Management System (AIMS) is a robust bulk ink management system for high volume packaging operations. It's designed to increase printing efficiency and reduce the cost of each print copy.

The system automatically feeds a total of 700 ml of ink simultaneously to 1, 3, 4, 6 or 8 print heads. The new HP bulk ink supply is clean and easy-to-handle. The ergonomic design of the AIMS ink delivery system makes it quick and simple to replace print heads and bulk ink supplies.

Bulk Ink Cartridge   Print head

- Closed loop design with regulated ink flow is inherently reliable
- Robust industrial components require minimal maintenance
- Bulk ink supplies and print heads can be replaced independently
- Larger ink supply (two bulk cartridges) minimizes operator intervention
- No messy handling and ink disposal procedures
- The system is designed to reduce the cost per print
- Ink is less expensive in larger bulk supplies
- Utilizes every drop of ink

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Product Coding High Resolution InkJet Printers

FoxJet ProSeries

From lumber, to ceramic tile, to corrugate, FoxJet ProSeries inkjet printers produce high quality, high resolution text, barcodes and graphic images. Various print head configurations, provide up to 4" high print at 300 dpi print resolution.

Foxjet ProSeries print heads are designed to work with FoxJet Marksman Elite controllers and have a dual ink feed for improved flow rates and faster printing speeds.

- The ProSeries 384 Prints text, graphics and barcodes up to 2" in height and the ProSeries 768 up to 4" in height.
- Prints barcodes, logos, graphics and text
- Works with all Marksman controllers
- Stainless steel ink path

- Automatic Priming System
- Dual ink feed for faster, smoother printing
- Industrial-grade construction
- Serviceable for maximum print head life

Marksman Elite

- Color Touch Screen – 17" color graphical user interface guides users easily through menu functions.
- Designed with fewer components - up to 50% less components than previous models maximizing reliability and uptime.
- Less Power – utilizing Intel's low power Atom processor and Solid State Disk the Elite consumes a third less power compared to previous models.
- Windows Based – allows for easy user interface and easy message creation.
- Optional Keyless message selection allows user to easily select message for print.

Marksman Matrix

Marksman MatrixTM is capable of operating two production lines simultaneously and up to four print heads. The Marksman MatrixTM controls ProSeries Trident based print heads to print industrial compliant barcodes, graphics, and/or alphanumeric characters on porous materials and cases.

- Color Touch Screen - 10" touch screen that features a clear, uncluttered and easy to use interface

- Windows Based - allows for easy user interface and easy message creation
- Pop-Up Keyboard - appears for editing and message creation and offers larger keys that reduce keying errors by 25%
- On Screen 3D Views - featuring your package which allows for enhanced message creation
- Standard True Type and Unicode Fonts - pre-loaded so users can begin creating messages
- Stainless steel enclosure - provides max reliability in harsh environments

BagJet

Printing on an unsupported bag lip that varies in thickness is a difficult challenge for any inkjet printer. The BagJet overcomes these challenges -- a turnkey bag printing system that controls and stabilizes the bag lip for high resolution printing of text, barcodes and graphics.

The BagJet is an affordable solution for printing on bag lips. It provides a stabilized printing platform designed to integrate into your existing production line. The BagJet will reliably print up to 2" on each side of the bag.
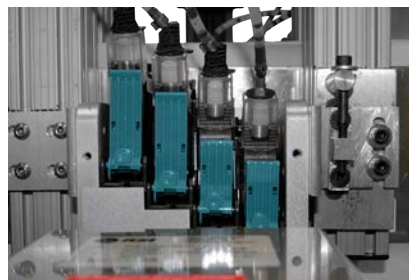
At-a-Glance

- Simple to use interface minimizes operator intervention
- Built in database makes change over fast and easy
- HMI can be up to 75 meters away from the print heads
- High resolution print cartridges (up to 600 dpi)
- Easily add color to highlight GMO, treatment, and marketing
- No messy priming, flushing, cleaning or long warm up times after sitting idle for a season

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markem·imaje

1050

The new 1050 thermal inkjet printer produces high resolution serialized data and complex 1D and 2D barcodes on fast-moving production lines in the food, beverage and other industries. It has precision print control variable dpi from 1 to 600 dots per inch for optimized barcode printing.

There are several print head and mounting options available. It is also designed to excel at case coding in dusty, humid or corrosive environments.

At-a-Glance

- Maximum line speed 201 m/min (660 ft/min).
- Maximum resolution 600 x 600 dpi.
- Print codes from 12.7 mm up to 50.8 mm high.
- 7" touch screen with intuitive WYSIWYG interface.
- High quality text, logos and high-density graphics.
- Snap-in and out cartridges for no-hassle reliable printing.

1200

Designed for rapid, efficient coding of secondary packages, the new 1200 produces high-resolution text, logos and high-density graphics on fast-moving production lines in the food, beverage, pharmaceutical and other industries. With a stainless steel casing and industrial-grade print heads, the new 1200 thermal inkjet printer is designed to excel in a variety of industrial settings, including those with dusty, humid or corrosive conditions.

At-a-Glance

- Print codes from 50.8 mm (2") up to 203 mm (8").
- Bulk ink delivery modules available in 680 ml, 1360 ml or 2,720 ml.
- Print image with 1-600 horizontal dpi in increments of 1.
- With 100% readable barcodes at high production rates.
- 7" touch screen with Intuitive, WYSIWYG interface.
- Snap-in and out cartridges for no-hassle reliable printing.

Secondary Case Printers reduce costs when labeling your own boxes.

Whenever there is a requirement for high print quality, dependable equipment to print graphics, barcodes, product codes, time stamps, etc. Markem-Imaje stands out.

IMS

Reduce operating expenses with low TCO with bulk ink delivery modules available in 680ml, 1,360ml or industry leading 2,720ml - M-I standard ink only. Minimize ink consumption with draft mode feature and variable print density.

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Product Coding
Laser Marking System

macsa
MARKING & CODING LASER SYSTEMS

The K-1000 Series is the solution for marking your products with incredibly clear messages at minimal operational costs.

The incredibly compact design along with an adjustable marking head ensures that you can install this system on even the most complicated production lines. The system can even be integrated with other manufacturer's equipment.

The easy to use system works through a combination of extremely fast mirror tracking systems and the most modern software and hardware. You can be assured of reliable high speed marking.

The latest in laser technology along with the fact that you do not need an expensive and space consuming PC on the production line.

Using software, you can link several K-1000 laser systems together for even greater control and increased production. To increase the graphic features of the K-1000, a PC can be connected to the system using the full graphic interchange kit.

All of these features ensure that every one of your products is marked with the same high degree of quality and permanence guaranteeing accurate identification for the life of your products.

MARCA™ Software for High Resolution & Static Applications via Ethernet TCP/IP

Easily Installed • Software Supplied with Protection Key • Controls Laser Systems Via Ethernet Static Applications TCP/IP • Powerful WYSIWYG Design Editor • Zoom • Unlimited Layering • Bar Codes • 2D Barcodes • MFF Font Editor • Character Filling Features • Capable of Downloading BMP, JPG, GIF, TIF, PCX and other Graphic Files • Capable of Downloading DXF Vector Files with Multiple Import Options • Object and Character Morphing • ODBC (Database) Features • Fill Object Features • True Type Text Fonts • Messages Activated by Hourly, Daily or Monthly Changes • Networking Capabilities of Several Systems Via Ethernet TCP/IP • Access Registration for All Users • Creation of Reports in CPU Laser Memory • Synchronization of PC and Laser Clocks • "Auto Text" External Messages • Aligns The Selected Objects • Power, Frequency, Resolution and Speed Adjustments by Software • Configurable Function Keys.

HITACHI
Inspire the Next

LM-C300 Series
New CO2 Laser Marker

A robust, versatile, high-performance laser for industrial coding requirements.

Hitachi LM-C300 Series are available in two output power levels ranging from 10W to 30W. Also available are three wavelengths 9.3μm, 10.2μm and 10.6μm. These robust laser markers are ideally suited to coding on various packaging substrates including paper, cardboard, glass or plastics. Hitachi laser marking systems include CO2 and Vector laser sources in different power outputs to address a various range of substrates and applications. In addition a comprehensive portfolio of laser accessories, including lenses and beam turning units, simplify the integration into production lines.

Features:

- IP54 is standard.*Option
- Compact space saving design enables easy integration
- Maximum uptime is ensured via innovative cooling system
- Simple and intuitive operation with icon-based 10.4" full-color touch-screen*
- High-quality, high-speed printing capability by utilizing high-performance Galvano-scanner.

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FlexPackPRO®
Thermal Transfer Overprinting

130/210 Series

210i/210c

- 210e Max Print area - 53 x 50 mm (2.09 x 1.97 in)
- 210i Max Print area - 53 x 70 mm (2.09 x 2.75 in)
- 210c Max Print area - 53 x 125 mm (2.09 x 4.93 in)

130 Series

- 130i Max Print area - 32 x 55 mm (1.26 x 1.97 in)
- 130c Max Print area - 32 x 125 mm (1.26 x 4.93 in)

Thermal Transfer Overprinting (TTO) is today's cleanest, most effective way to print variable date codes, barcodes, text and graphics on flexible packaging film, labels, pouches, sheets, card stock and other materials. FlexPackPRO's line of mid-priced, high-resolution TTO coders leads the industry in performance, variety and value.

Features:

- Max Print area of 53 x 50 mm (2.09 x 1.97 in)
- Vertically-integrated parts manufacturing to ensure quality control and precision assembly.
- Robust long-life mechanical design requiring zero preventative maintenance.
- Color LCD touchscreen controllers with WYSIWYG print preview come standard with all models.
- Full-featured, highly-intuitive ProCodeTM image design software comes free with all systems.
- Clutchless ribbon drive and tension control design maximize uptime and long-term performance.
- Precision print head assembly requires lower air pressure to achieve highest print quality.

Traversing TTO

Available in 53mm and 107mm print widths, the FlexPackPRO Traversing TTO provides superior, cost-effective, multi-lane printing and coding. Easily integrates into most makes and models of multi-lane packaging machines for printing date codes, barcodes, ingredients, logos and other variable information directly onto packaging film.

420i/420c

- Max Print area of 107 x 75mm/125mm (4.22 x 2.96/4.93 in)
- Vertically-integrated parts manufacturing to ensure quality control and precision assembly.
- Robust long-life mechanical design requiring zero preventative maintenance.
- Color LCD touchscreen controllers with WYSIWYG print preview come standard with all models.
- Full-featured, highly-intuitive ProCodeTM image design software comes free with all systems.
- Clutchless ribbon drive and tension control design maximize uptime and long-term performance.
- Precision print head assembly requires lower air pressure to achieve highest print quality.

## TTO Mounted Feeder Conveyor

Print perfect codes, text and graphics on an extensive range of papers, films and foils with this rugged, user-friendly, surprisingly affordable integrated system. Compatible with a broad variety of sheets, bags, sleeves, pouches, cards and boxes.

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Custom Integrated Systems

PALCO can custom-design an integrated system to fit your specialized marking and labeling requirements.

New coding and labeling equipment systems can be integrated into your production line and with your existing equipment and provide a COMPLETE production line.

From Concept....

SL-1000 APPLIER
PRODUCT ORIENTATOR
83.7"
40"
PRODUCT TURNING UNIT
PRODUCT SPACER
144"
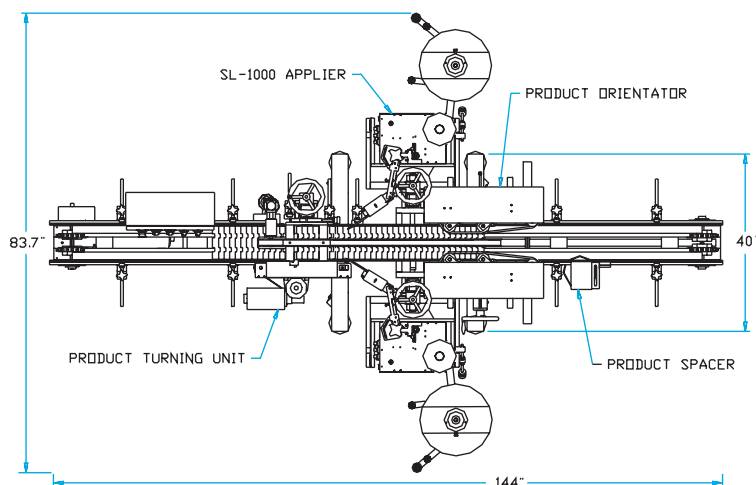
Whether you need:

- Print and apply
- Applicator semi- or fully automated
- Stand alone or integrated labeling system
- RFID printing systems
- Encode and apply system

PALCO has the experience and knowledge to successfully implement automated labeling into your labeling processes.

To Design....
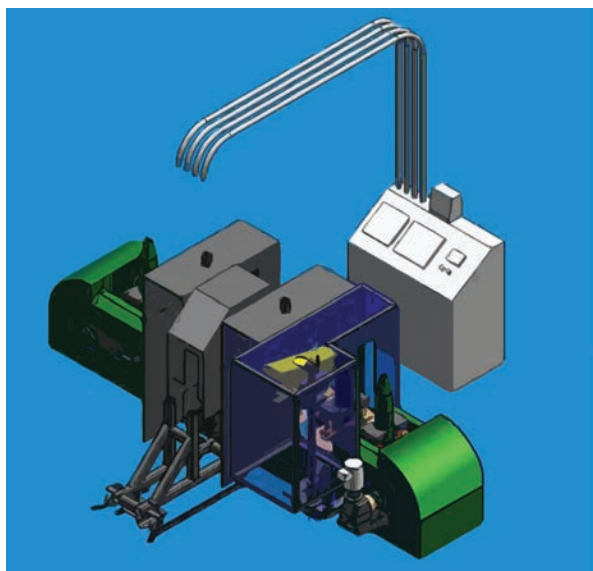
To Implementation
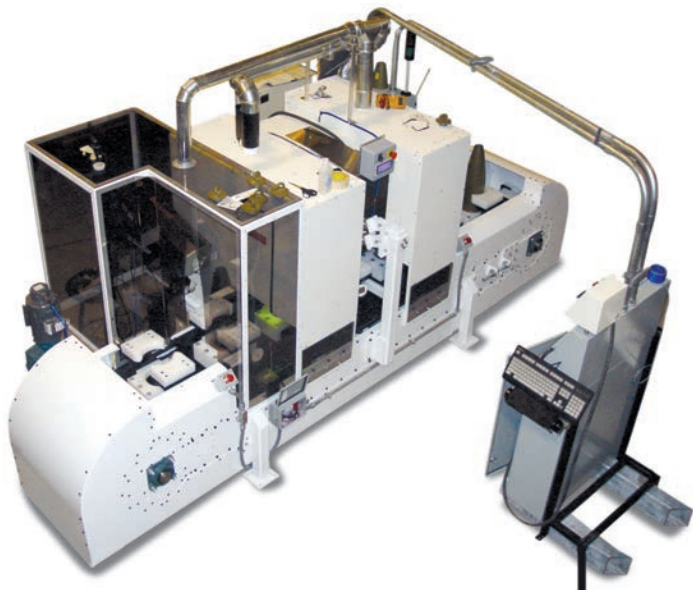
Our Process

One of our knowledgeable representatives will meet with you to discuss your needs, ideas, and goals. Our team will research and provide you with your options and design concept that is a workable solution for you. From there our team will implement our solution seamlessly into your production line; providing you with training and further support if needed.

PALCO can custom-design an integrated conveyor around your application needs.
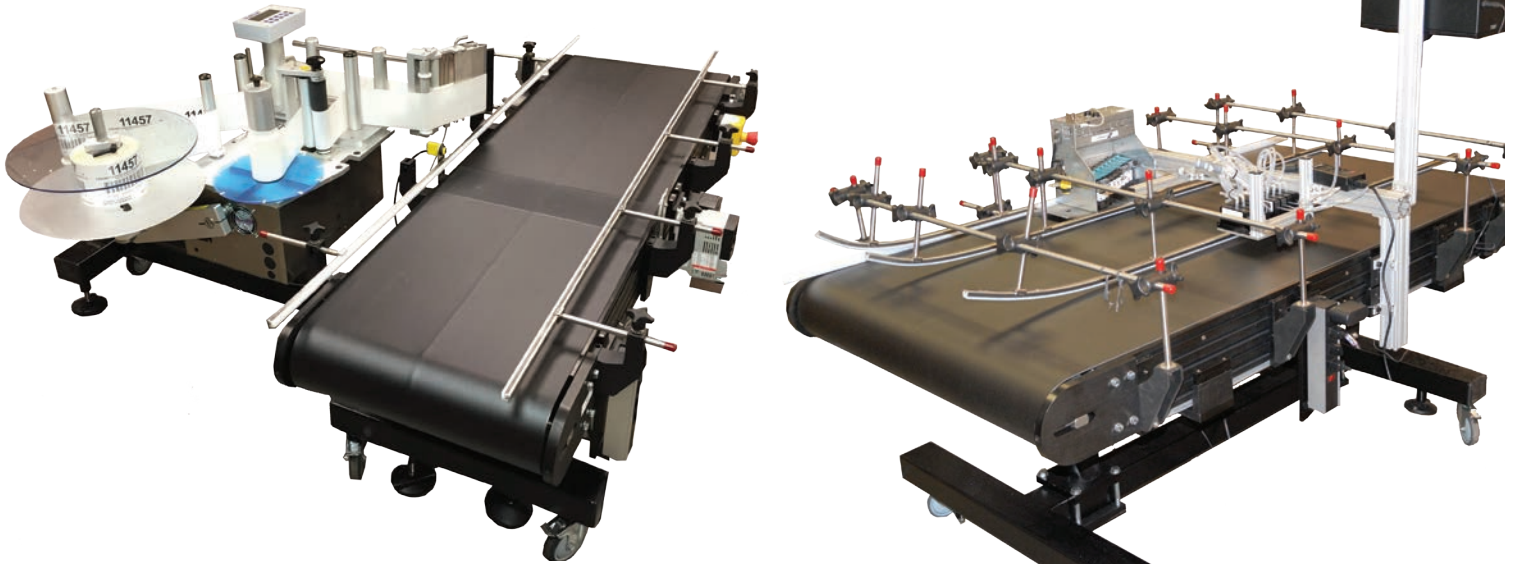
RLC 2000 Series

Features

- Bearings with Grease Fittings
- Direct Drive AC Gear Motor
- Hollow Shaft Gearbox
- H-Style Frame with Double Locking Casters and Leveling Feet
- Integrated 54" Upright with Horizontal Kit and Support Frame
- Fully Adjustable Guide Railing
- Powder Coated/Anodized Aluminum and Powder Coated Steel Construction
- Remote Emergency Stop

Standard Available Widths
- 6" - 24" (2" Increments)

Standard Available Lengths
- 4ft, 6ft, 8ft, 10ft, 12ft

Custom Widths/Lengths Available Upon Request

Options

- Sensor Mount & Reflector Mount
- Stainless Steel or Washdown Construction
- Center Drive Orientation
- 4-Plug Receptacle Strip
- Scanner Mounting Adapter Plates
- Scanner Control Mounting Plates
- Ink Jet Mounting Adapter Plates

RLC 250 Series

Features

- Stainless Steel Fasteners
- Sealed for Life Bearings
- Support Base with Double Locking Casters and Leveling Feet
- Integrated 54" Upright with Horizontal Kit (Top Labeler)
- Integrated 36" Upright with Horizontal Kit (Bottom Labeler)
- Allen Bradley Flex4 Variable Speed AC Drive
- AC Variable Speed Gear Motor
- Endless Conveyor Belt
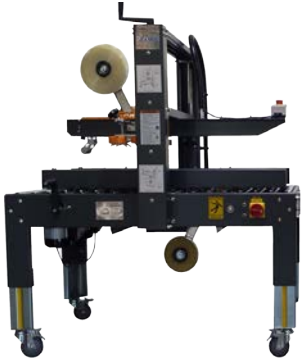- Height Adjustment (+/- 3")
- Fully Adjustable Guide Railing

Your Label Applicator Here (Top Application)

Your Label Applicator Here (Bottom Application)

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Case Sealers

SD-662

- For applications where previously erected cases are loaded and flaps are manually closed
- Dual Masts with twin lead screws for stability
- Precise Top and Bottom sealing
- Side Mounted Compression Rollers for tight seals
- Heavy Duty Side-Belt Drives ensure square cases
- Adjustable Leg Supports
- Piranha Tape Heads for accurate and consistent sealing

SD-653

The SD-653 fills the box with product and folds down trailing top minor flap as the box is pushed into the drive belt. The drive belt pulls the box through the top and bottom folder system and through the Piranha tape heads where tape is applied to seal the top and bottom of the box. Only requires 120V plug-in and has the ability to do 240 cases/hour (65fpm). Two hand cranks for easy case size changeover.

TB-652

Extremely versatile for standard sized cases. Four belts positively control cases. Manual flap folding.

- Dual Masts with twin lead screws for stability
- Precise Top and Bottom sealing
- Dual, Top Mounted Belt Drives for top control
- Heavy Duty Side-Belt Drives ensure square cases
- Side Mounted Compression Rollers for tight seals
- Easy case-size change-over two crank handles
- Adjustable Leg Supports
- Piranha Tape Heads for accurate and consistent sealing

TS-654

For applications requiring top control of difficult cases such as tall and/or narrow sizes. Manual flap folding.

- Plug-in Operation
- Dual Masts with twin lead screws for stability
- Precise Top and Bottom sealing
- Dual, Top Mounted Belt Drives for top control
- Heavy Duty Side-Belt Drives ensure square cases
- Side Mounted Compression Rollers for tight seals
- Easy case-size change-over two crank handles

Case Erecters

Maximum 5 Series
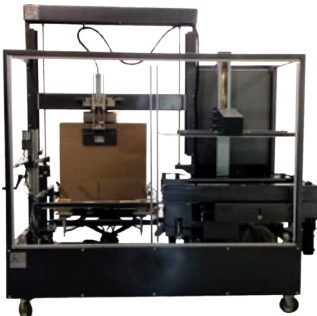
Up To 15 Cases per Minute!

- Minimum Case Width = 4.5"
- Maximum Case Width = 14"
- Maximum KD Case (L+W) = 29"
- Maximum Case Height = 30" *
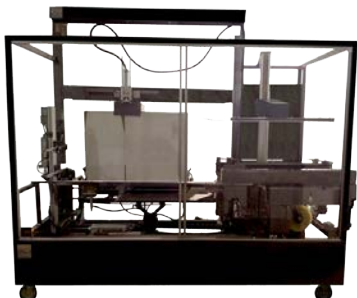
   (*Capability for larger cases)

CES25 4-Pack/6-Pack Erector & Inserter

Features Include

- 4/Packs and 6/Packs in one machine
- One incredibly compact footprint
- Baskets are conveyed in the upright position for easy loading
- Quick and easy adjustments

Maximum 7 Series

Maximum 7 Series Up To 12 Cases per Minute!

- Minimum Case Width = 8"
- Maximum Case Width = 22"
- Maximum KD Case (L+W) = 44"
- Maximum Case Height = 37" *

   (*Capability for larger cases)

Hot Melt Case Erector

The Hot Melt offers the same compact foot print as the MAXIMUM Series Erectors. A.B. Sealer's fully automatic Hot Melt Case Erector is capable of speeds up to 10 cases per minute with easy change-over which will allow for maximum production!

- Minimum Case Width = 6"
- Maximum Case Width = 14"
- Maximum KD Case (L+W) = 28"
- Maximum Case Height = 30"

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UNIVERSAL
labeling systems

SL 1500 Wipe-On

- High performance stepper motor
- Label dispense speed up to 1500 inches per minute
- 6.375" web capacity (standard)
- 8.125" web capacity (optional)
- Photoelectric label sensing (standard)
- Wipe on module (standard)
- 12" long peeler arm assembly
- Adjustable peeler bar assembly
- Tamp module (optional)
- Tamp Blow module (optional)
- Blow On module (optional)

Model R320, 21, 22

- Heavy-duty steel framework
- L15H label applicator
- Variable speed components
- Photoelectric product sensor
- Easy access controls
- Dimensions: 51"W x 72"L x 56"H
- Speed: up to 1200" per minute
- Label roll capacity: 12" OD
- Web Width: up to 6 1/2"
- Electric: 120VAC +/-10%

Model L60 Table Top Tamp

- Tamp or Tamp-blow label applicator
- Electro pneumatic operated
- "Quick change" tamp heads
- Custom designed fixture for your product
- Dimensions: 19"W x 21"D x 24 3/4"H
- Web width: up to 6 1/2"
- Label roll capacity: up to 12"
- Air: 40PSI Tamp/80PSI Blow-on
- Electric: 120 VAC =/-10%

Print Engines

PALCO provides print engines specific to your requirements, representing a variety of manufacturers including Sato, Datamax and Zebra.

Sato

Zebra
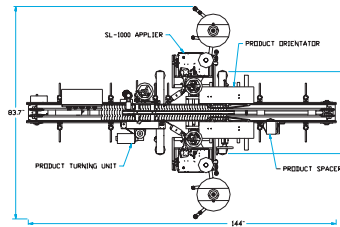
Datamax

L60 Tamp

- Electro pneumatic operated
- "Quick-change" tamp heads
- Photoelectric label sensing
- Custom designed for many applications
- Dimensions: 19"W x 23"D x 24 3/4"H
- Speed: 529" per minute (fixed)
- Web width: Up to 6 1/2"
- Label roll capacity: Up to 12"OD
- Electric: 120 VAC +/-10%
- Air: 40lbs. minimum
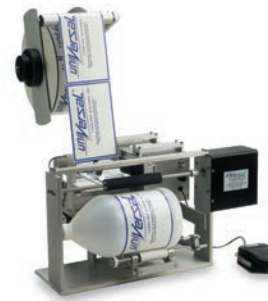
Contract Packager Series

- Heavy-duty steel framework with casters and leveling pads
- Easy changeover of products and labels
- Photoelectric product and label sensors
- Synchronous overhead hold down and product positioning

Model R310

- Roll-on labeling from ampoules to gallons
- Fast changeover from one size to another
- The "roaming peeler", adjustment to support smaller diameter products like vials, markers and lip balms
- Foot switch activation
- So compact it fits virtually any tabletop

UPA II Printer Applicator

Universal Print & Apply (UPA II) Printer Applicator is leading edge technology in product identification.

The UPA II features:

- Programmable Logic Controller (PLC)
- Quick change tamp head
- Removable tamp assembly for easy access to print engine
- Proximity "smart head" sensor
- Ribbon and label low/out indicators
- Photoelectric product sensor
- Product on delay

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INDUSTRIAL SCANNERS/MOBILE COMPUTERS

~ HEAVY DUTY ~

CN70 & CN70E

The no-compromise design of the CN70 and CN70e achieves true functional agility with the perfect balance of ruggedness, duty cycle and ergonomics.

- Exceptional battery life for long device run time without extra size and weight
- The CN70 and CN70e extend their no-compromise design to radio connectivity as well
- Full compatibility with printers, application software, communications, and a complete set of peripherals and accessories enabling a comprehensive enterprise business solution
- Brilliant display with extended life touch panel
- Power-packed mobile computing in terms of size, weight and ruggedness

Intermec

Dolphin 99GX Series

Honeywell

Purpose built for transportation and logistics applications, Honeywell''s Dolphin 99GX mobile computer with an integrated handle provides user-friendly ergonomics, cutting-edge wireless technology, multi-functional data capture and extreme durability for front-line workers operating in a variety of locations ranging from loading docks to front line retail.

CK70

- 12% smaller and lighter than leading devices in the ultra-rugged class
- Best in class battery life for a longer run time
- Non-Incentive options for hazardous locations
- Industry's fastest imaging engine delivering superior motion tolerance, laser aiming system and optimized scanning angle for maximum productivity
- Advanced power and battery management technologies extend device run time and reduce expense of replacement batteries

Intermec

CK71

- 31% smaller and lighter than leading devices in the ultra-rugged class
- Dual band 802.11n radio for pervasive wireless coverage
- Industry's fastest and farthest imaging engines
- On-board diagnostics and INcontrol managed services provide device health visibility
- Exceptional peripheral support and quick change snap-on accessories provide versatility for every distribution
- Superior computing performance and application response time

~ MEDIUM DUTY ~

CK3X and CK3R

Featuring a highly adaptable design, the CK3X enables a variety of in-premise applications to reach their full workflow performance potential and improve their operational metrics, simplify IT support and control operating costs.

- Withstands multiple 1.5m (5ft) drops to concrete across all operating temperature ranges and an IP54 seal rating against rain and dust
- Industry-leading battery performance will last a full shift and beyond
- Equipped with a power efficient 1GHz multi-engine Texas Instruments processor, 256MB RAM and 1GB Flash
- Optional field-installable RFID reader to adapt with your changing data collection needs

CN51

Versatility speaks for itself. The Intermec CN51 offers thousands of ways to get more done with a choice of Android or Windows, a large, resistive multi-touch display, Flexible Network™ Radio (in North America), superior scanning, processing, battery power and more.

- Supports Microsoft® Windows Embedded Handheld 6.5 and Android™ 4.1 Operating Systems for flexible application support and migration
- Large 4" brilliant WVGA multi-touch display allows for more graphical user interface, display-centric applications
- Features best-in-class motion tolerance, and support for omnidirectional 1D & 2D barcode scanning
- Industry-leading performance that lasts a full 8-hour shift and beyond, enhanced by patented smart battery technology
- Equipped with a power-efficient 1.5GHz dual core multi-engine Texas Instruments OMAP4 processor architecture, with 1GB RAM and 16GB Flash memory

~ LIGHT DUTY ~

3800 Series

Even in challenging working environments, you can trust our handheld, industrial-grade barcode scanners to provide superior durability and reliability.

- Encased in water and dust proof housings
- Rubberized to reduce damage from falls or tumbles
- Specially built to address common challenges in different vertical markets and environments – outdoors, around harsh chemicals and rugged mobile jobs
- Also perfect for fast-paced, high-volume barcode scanning

Honeywell

Mobile Printers Page 9

PALCO offers a wide variety of scanners and verifiers. High-Mark, MicroScan, Motorola, LXE, Datalogic, Honeywell, Opticon and more than we can show you here. See our website or call us and we will help you find what best fits your needs.

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Touch Screen and Wash Down Computers

KS Series

KS-Series is Posiflex's newest fanless terminal. Available in 15" resistive or IR touch screen. It comes with Intel Bay Trail J1900 CPU for enhanced performance. The KS-Series is designed to deliver uncompromising performance, aesthetics and quality.

Featuring a cast aluminum body, KS-7415 Series is a robust yet spill & dust resistant Point of Sale equipment, designed by Posiflex to suit the demanding retail and hospitality segments.

Reliability is a key factor that determines the life expectancy of a product. The patented aluminum chassis of KS-Series is purposely built for maximum heat dissipation. Being fanless, the unit runs silently and efficiently even in a harsh environment, which eliminates a potential point of mechanical failure, thus reducing service costs.

MIC

POWERBOX

The PowerBox 1500 and 1700 product line provides high performance industrial computing in the smallest footprint available.

Modular has combined a high contrast TFT LCD display with Industrial Computer and Enclosure into a compact, NEMA 4, 4X or 12 plant floor ready package. These systems can be wall, pedestal, table, or equipment mounted and are ready to "plug and play" in any environment. NEMA 4/12 keyboard, mouse, and touchscreen options are available.

Scanner Integrated Systems

AsurVision

The AsurVision control system is a unique data verification and collection device. It is capable of interfacing with a variety of decoding or inspection devices (bar code scanner, vision camera, etc.) offering a flexible and user friendly interface.

The system has been proven in some of the most demanding packaging applications at speeds in excess of 1000 products / minute as well as very sophisticated data collection for raw materials traceability in manufacturing processes.

FIXED MOUNT

MICROSCAN.

MS-3 Compact Laser

The MS-3 Laser offers the fastest read performance in an embedded compact bar code scanner. The wide scan angle of 70 degrees is coupled with ultra-compact size and flexible mounting.

- Compact & Lightweight - 1.75" (44.5 mm) square by .85" (21.6 mm) tall scanner weighs only 2 ounces (57 g)
- Scans/second: 300 up to 1000
- Wide Scan Angle - 70 degrees and a factory customizable focal point
- Real-time Controls

QX-830

The QX-830 laser scanner combines flexible connectivity with high performance decoding capabilities to reliably read 1D barcodes in almost any automation environment. In addition to the Quick Connect System and X-Mode Technology, the QX-830 features IP65 industrial sealing and optional embedded Ethernet protocols.

- Scans/second: 300 to 1400
- Read Range: 1 to 30" (25 to 762 mm)
- Optional Embedded Ethernet TCP/IP & EtherNet/IP

QX-870

The QX-870 laser scanner partners the latest technologies in barcode reading and connectivity into an easy to use solution for barcode track, trace and control applications. It features a programmable sweeping raster to read multiple codes, in varying locations, even if they are damaged or misaligned.

- Scans/second: 300 to 1400
- Read Range: 1 to 30" (25 to 762 mm)
- Optional Embedded Ethernet TCP/IP & EtherNet/IP

***Other Models Available

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EXTERNAL LABEL REWINDERS

Label Rewinders wind labels into a roll as they come out of a printer.
Without a Rewinder, you have to gather the labels by hand once the printing job is finished.
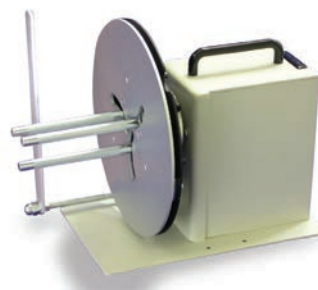A Rewinder is more convenient and saves time and effort.

Labelmate

MC10-A
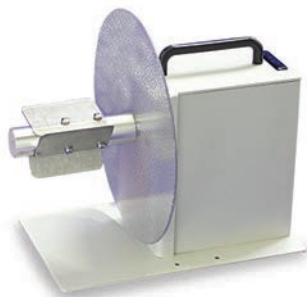
The MINI-CAT-10A (MC-10A) has a 3-inch diameter core holder. You can also use the included "coreless rewind" feature to rewind directly on-shaft.

MC11

The MINI-CAT-11 (MC-11) includes a precision-crafted Adjustable Core Holder that adjusts in seconds to accept any core diameter from 1-inch to 4-inches (25- to 102-mm). The MC-11 will also do coreless rewinding.

SEMI-AUTOMATIC LABEL DISPENSERS

TAKE-A-LABEL

All TAKE-A-LABEL models use standard all steel frame construction and will provide
the power and performance necessary for the most demanding applications.
These machines will dispense a label each time one is removed, dramatically saving time and increasing productivity

TAL-250

- All Steel Frame Construction.
- Open vertical peel edge will not trap labels and allows multiple labels on common liner to be dispensed.
- Heavy duty motor with built in overload protection.
- Shipping weight: 22 lbs.
- Max label width: 2.5"
- Max label length: 15"
- Max roll diameter: 12"
- Core size: 1" or 3"

TAL-450

- All Steel Frame Construction.
- Open vertical peel edge will not trap labels and allows multiple labels on common liner to be dispensed.
- Heavy duty motor with built in overload protection.
- Shipping weight: 24 lbs.
- Max label width: 4.5"
- Max label length: 15"
- Max roll diameter: 12"
- Core size: 1" or 3"

TAL-750HD

- All Steel Frame Construction.
- Open vertical peel edge will not trap labels and allows multiple labels on common liner to be dispensed.
- Heavy duty motor with built in overload protection.
- Shipping weight: 30 lbs.
- Max label width: 7.5"
- Max label length: 15"
- Max roll diameter: 12"
- Core size: 1" or 3"

Stainless Steel Models

The TAKE-A-LABEL Models shown here are also available in stainless steel models. These are designed especially for the controlled environment. They are made completely out of stainless steel and are designed for the medical field, dairy and food industries.

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PALCO VM Marker

All Purpose Valve-Action Marker

The Palco VM marks permanently on a variety of porous and non-porous surfaces, including metal, wood, corrugated, rubber, plastic, and glass.

- It is housed in a metal casing and with an air-tight cap. The no-smear black ink dries instantly
- Replaceable standard felt bullet and felt chisel tips are available
- Industrial use permanent marker

When you pick up Palco's VM you know you are in control. Marker housed in a metal casing for easy detection. The air-tight cap is easy to remove and keeps the nib ready to use. Advance Valve Technology allows you to control ink flow, while using up all the liquid ink inside the marker.

PALCO GVM Marker

All Purpose Valve-Action Marker

Environmentally Friendly!

The Palco GVM marks permanently on an amazing variety of materials, including waxed cartons, stretch film, rough wood, glass, tape, boxes and labels, leather, polypropylene, polyethylene, rubber, pre-cast concrete, oily metal, urethane tags, plant markers, ABS plastics and more.

- Does not contain xylene, toluene or ethylbenzene.
- **Complies with California Proposition 65**
- Not reportable under SARA title III, Section 313.
- Complies with RoHS Directive 2002/95/EC RoHS Compliance
- Does not contain chemicals which are on the U.S. Environmental Protection Agency's list of Hazardous Air Pollutants

GPX - Xylene Free and 563 Speedry

GP-X markers produce fast-drying, opaque, permanent marks on metal, wood, rubber, steel, corrugated, rubber, plastic, glass, porous, and non-porous surfaces. Available in eight weather- and fade-resistant colors. Replacement tips available.

The Speedry 563 valve action paint marker comes complete with an acrylic replacement tip. This quick dry valve action paint marker features an easy to hold 9/16" diameter aluminum barrel. The paint dispensed from this marker is opaque, fast drying and permanent. Replacement tips are also available.

COLORS: Black, Blue, Dark Blue, Light Green, Green, Red, Orange, Purple, Pink, Light Violet, White, Yellow, Silver and Gold.

Ideal Mark

The only all-metal marker in the industry features indelible, fade-resistant ink, color-coded cap, pocket clip, and leak-proof aluminum valve. Available in black, blue, green, red, plus replaceable standard felt bullet and felt chisel tips.

MTX

Mark metal, wood, rubber, glass and other hard to mark surfaces permanently with the MTX™ marker. Available in four colors. Replacement tips available.

Stencil Cutters

Stenciling is a quick, cost-effective way to mark products for shipment or to identify plan areas. It is also convenient for creating directional signs.

- Covered by a one-year warranty on parts, and a 30-Day warranty on labor
- Our 1/2", 3/4" and 1" Standard Machines can be specifically retrofitted to cut mylar for an additional charge

Oneshot System

The Oneshot stencil system offers you a flexible, portable and convenient means of stenciling on both porous and nonporous materials.

- Easy stenciling for rough and smooth surfaces
- No-mess, durable ink cartridge is fully disposable
- Meets U.S. Government ink specifications
- Replaceable neoprene roller and plastic cover in two convenient sizes
- Available in seven high-visibility inks

Stencil Board

Our stencil board is processed with a special formula of double-boiled linseed oil and cut with-the-grain for extra rigidity. It lubricates with each cut, extending the life of your stencil machine, and resists ink absorption so the same stencil can be used many times.

To Place an Order:
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www.palcosys.com
email: custserv@palcosys.com

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