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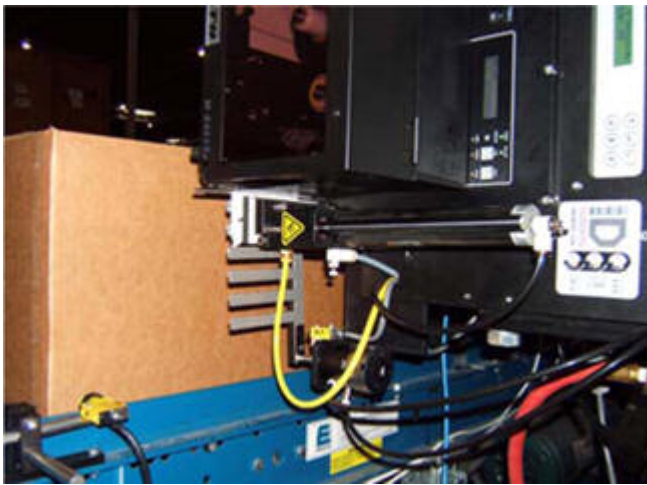
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IDT 250r now EPC Gen2 Ready and available with "Bad Tag" Reject Module



RFID "Bad Tag" Reject Module

ID Technology recently announced that all current and future orders for Model 250r RFID printer applicators will be shipped with EPC Gen2 technology. In addition IDT announced the introduction of a "Bad Tag" reject module to ensure only working tags are applied. The IDT RFID Reject Module can be used with all ID Technology 250r tamp-blow printer applicators.

The 250r reads, writes and verifies Gen2 RFID tags prior to printing and dispensing the tag onto the tamp pad for automatic application to a case or carton. If the RFID tag is not verified, the reject module's plate moves in front of the tamp pad and the "bad" tag or label is blown onto the reject plate, which then returns to the home position. And, as an added benefit, the module's alarm beacon illuminates to alert line personnel when the RFID plate becomes full of "bad" tags.

The IDT 250r printer applicator features the same modular component configuration as the original IDT 250 Series printer applicator, as well as, "hot swap" spare assemblies that install in minutes. The result is an RFID enabled printer applicator that adapts to your production environment.



Every new IDT RFID printer applicator is shipped EPC Generation 2- Ready, while existing installations can be upgraded in the field to EPC Generation 2 protocol. And, like all ID Technology products, the IDT 250r is backed by ID Technology's nationwide network of PMMI Certified Service Technicians.

For more information on ID Technology's expanding line of RFID Print and Apply products, peripherals, supplies and service email ID Man at idman@idtechnology.com.

Increasing code readability on four sides of Club Pack Trays



ProSeries High Resolution Inkjet System

An international chain of membership warehouses needed to print a higher quality code on all four sides of a box. The process begins by filling candy and trail mixes into bags using a vertical form fill and seal machine (V/F/F/S). Each bag exits the bagger onto a separate conveyor and then moves through a metal detector. Next, the bags proceed to a turntable where operators pack individual bags into a large corrugate tray to produce a 40lb. club pack tray. The trays are then manually fed onto a conveyor to be coded on all four sides.

ID Technology installed four Foxjet ProSeries 384 high resolution inkjet printheads along with a custom conveyor that turns the trays 90 degrees. When the 40lb. club pack trays are manually loaded onto the custom conveyor two ProSeries printheads code two sides of the tray. Bump and turn wheels were installed on the system to accurately rotate the trays 90 degrees. After the tray is rotated, it proceeds down the conveyor where two more ProSeries printheads print the same code on the remaining two sides of the tray.

The IDT Coding Solution's higher print quality and ease-of-use resulted in increased efficiency over the previous inkjet system. The customer chose the ProSeries high resolution printing system over a competitor's technology because the ProSeries codes did not scratched off of the trays. Because of the excellent print quality, the customer is now considering increasing the use of barcodes on their trays.



In addition, the system designed by ID Technology featured a relatively small footprint, which was important due to space limitation in the production environment.

For more information in this, and other high resolution coding contact ID Man at idman@idtechnology.com.

Potato Chip Company calls on ID Technology to increase plant automation.



Model 250 Swing-Arm Label Printer Applicator

A producer of potato chips located in the Midwest has rapidly expanded its retail distribution of branded and co-branded products. This intense growth has created a problem – how to best transition from hand packing to automated lines to meet volume growth.

Chuck Wilson and the IDT Midwest team were called in to help identify the right label application to insert into a larger integrated solution. Prior to deploying the integrated solution, the manufacturer utilized two manual lines to package and label products.

The new integrated solution replaced the manual lines with three automated lines, each utilizing an IDT Model 250 printer applicator to apply labels to the leading panel of each case of potato chips. The IDT Model 250 was required to print pack size, number of bags, product description, date code and a graphic depicting chip size prior to applying the label.

Mr. Wilson, working with the customer's systems integrator, recommended a Model 250 driven by a PLC that integrates seamlessly into the automated packing machines. To create the label message, the PLC sends a hard code ZPL, written by ID Technology, to a Zebra PAX4 print engine mounted on the Model 250. The print engine buffer receives 20,000 labels from the PLC at a time. The user-friendly interface allows the operator to select the file to be sent based on the product running on the line.

When a new file is sent to the buffer, the previous file is erased prior to printing the next batch of labels. And, by setting the Model 250 to reverse print mode no labels are left on the tamp pad. The result is quicker changeovers and easier operation.

Working with a number of suppliers, including Pro Mach sister company Belcor, IDT was a vital element in the build out of the customer's three new automated production lines.



For more information on ID Technology's Label Applicators contact your local ID Technology sales office or email ID Man at idman@idtechnology.com.

IDT and Citronix help you choose the right ink for your industry.



Choosing the right ink for your package marking and coding is not as simple as one would expect. MEK – Glycol – Acetone, that's only one of the considerations when it comes to selecting the right type of ink for your marking and coding solution.



There are four key points to consider when selecting the right ink for your solution: (1) your industry (2) the substrate to be marked/coded (3) ink color requirements (4) production line speed/ink dry time. All these play a major roll in selecting the right ink for your production environment.

And, it is important to keep in mind that certain ink types have been developed or have been found to work especially well in specific applications. For example:

- MEK UV Invisible Ink works well in the Cosmetics and Pharmaceutical industries, as well as, Security Applications because of its

ability to be read only under UV light.

- Alcohol based Red Food Grade Ink is used in Food Packaging and Egg Coding because the ink is FDA compliant.
- MEK Thermochromic Ink works especially well in Canning lines due to its ability to withstand sterilization processes.

You can count on your IDT specialist to work with you in determining the right ink for your production environment. Working together your IDT representative and Citronix will help you make the right choice.

Current ink choices include:

General Purpose MEK Black
MEK Red
Pigmented Yellow
MEK for Plastic
Glycol
Acetone (MEK Alternative)
Ethanol



For more information on IDT's CIJ printers, email ID Man at idman@idtechnology.com.

TRADE SHOW SCHEDULES

September 26 – 28, 2005

[Pack Expo Las Vegas 2005](#)

Las Vegas, NV
Booth C-2540

January 31 – February 2, 2006

[WestPack 2006](#)

Anaheim, CA
Booth 5447

October 29 – November 2, 2006

[Pack Expo International 2006](#)

Chicago, IL

Ask ID Man



Q. Some of my boxes are taller than others but I need to place a label in the same spot on top of each box. Can you help?

A. ID Technology's height compensation module is the answer to your dilemma. The module detects variable height cases and cartons and controls tamp delays. Your IDT labeling specialist can assist you with this

Q. I have a large character inkjet printer, printing on the outside of cases. The print looks squished. Is there something that I can try before calling out a service technician?

A. If you are using an encoder on your line, ink may have built up on the encoder wheel causing it to slip. Try cleaning the wheel to see if this solves your problem. If not, I would recommend contacting your IDT Marking Specialist.

If you are not using an encoder, your line speed may not be set correctly. Adjusting the speed should fix

your problem.

Q. Our label printer applicator prints one label and then feeds out a blank label behind it. Do I have one of my printer setting messed up?

A. Generally, when a blank label is fed behind a printed label, the print format is too long. This causes the label gap to pass the label sensor before printing is complete.

Feed a blank label, and see if the second label continues to be fed. If not, reduce the label format length to resolve the problem.

Questions?? Email:
idman@idtechnology.com

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visit us at www.idtechnology.com

Keeping your computer clean...

Your computer is one of the most important devices you use for business. Keeping it clean will increase the performance and life of your computer. Below is a list of general tips that should be taken when cleaning any component or peripheral of a computer, as well as tips to help keep it clean.

1. Never spray or squirt any type of liquid onto any computer component. Spray the liquid onto a cloth and then use that cloth to rub down the component.
2. You can use a vacuum to suck up dirt, dust, or hair around the outside case of your computer and the keyboard. Do not use a vacuum for the inside of your computer, vacuums generate static electricity that can damage the internal components of your computer.
3. When cleaning a component and/or the computer turn it off before cleaning.
4. Never get any component inside the computer or any circuit board damp or wet.
5. Be cautious when using any type of cleaning solvents, some solvents can damage the case. Always try to use water or a highly diluted solvent.
6. When cleaning be careful not to accidentally adjust any knobs or controls.
7. Never eat or drink around your computer.
8. Limit smoking around your computer.

Source: Computerhope.com