

→ Optimising printing in the supply chain

Printing is one of the key links in the supply chain. To ensure optimum output from the conveyors, it must be both fast and reliable. We interviewed Francis Ciuch, CEO of the group of the same name, who has found that RISO systems provide the ideal combination of performance and flexibility.



■ What business areas does the Ciuch Group operate in?

Our Group is made up of three companies. Ciuch Solutions specialises in designing automated, computer-assisted handling systems, particularly for logistics and order picking. At Ciuch Industrie, we design and manufacture handling and conveying equipment (tray stacking and unstacking, document insertion, etc.). That equipment is installed and maintained by Ciuch Services.

■ What printing problems do you encounter in the supply chain?

In our business, most of the direct sales, e-commerce and logistics service providers' packaging centres work with laser printing systems, which are now revealing their limitations. They produce static electricity, which is a great hindrance when handling sheets of paper, and their printing speed is limited.

Because of the warm-up time, laser printers need 4 to 5 seconds to print the first page before stabilising at 30, 50 or 80 pages per minute, depending on the model. As a result, when you want to achieve performance levels of 800 cartons per hour, you have to install two printers on the line to overcome this problem of time wasted on the first page.

You are also limited to a single document per carton if you want to meet output targets. The first page is the key to stable, compliant output!

■ How can you optimise output?

RISO printing systems significantly increase the output from the conveyor. With their cold inkjet printing technology, the warm-up time for the first page is quite simply eliminated. With a laser printer, it takes an average of 6.5 seconds to produce the first three pages. With RISO equipment, this is reduced to 3.5 seconds!

It can also produce up to 150 pages per minute, approximately twice as much as average. This means that you can insert three sheets per carton without affecting output.

■ Apart from the speed, what advantages does a RISO printing system bring?

A genuine return on investment and a wide range of applications! RISO equipment is much more productive, reliable and durable than laser printers, which have to be replaced every two or three years. With a RISO system, it's no longer just a case of printing and inserting the strict minimum into the cartons: in addition to a delivery note and an invoice, you can add product instructions, advertising, a personalised document... and all in colour!

Because colour printing is very affordable, you can print documents that comply with the customer's graphic charter. Finally, the automatic printer and envelope inserter even makes the direct production of documents in envelopes possible.

By incorporating RISO systems, Ciuch is responding to its drive for continuous improvement and increasing the efficiency of the customised solutions that it designs for its customers.

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Find out more about
RISO printing solutions
on the Ciuch Group
stand, No. U73

riso-middleeast.com

