



RIFLEXO? WE ARE HERE FOR YOU WITH THE NEWEST TECHNOLOGY FROM DUPONT™ CYREL®

BACKGROUND

Riflexo is located in Povegliano, in the province of Treviso, near one of the most famous districts both in Italy and the world: the Conegliano Valdobbiadene Prosecco wine region. Another district in this area, perhaps less known to people than Prosecco but just as important in Italy and abroad, is the packaging and labelling district. In fact, many prepress, press and transformation companies from the flexographic sector are located here.

Among these companies is Riflexo, which with its workforce of fifteen employees manufactures flexographic plates and serves a clientele mainly composed of printers, end users and graphic design studios. Bergamin says: “The majority of the work carried out is for the Italian market, but in some cases these are often connected to relationships we have with end users, so we also work with foreign countries.” The products manufactured, from flexible packaging to corrugated cardboard, serve companies chiefly in the food and beverage, pet food, health and hygiene, soils, fertilizers, pellets and household products sectors.

CHALLENGE

“What is the key to our success? To be always present! No matter what a client’s needs may be: the production of plates, reworking, changes or our presence at the start of print run – we are always and promptly present for them! At times we deal with activities that go beyond our real role, but that doesn’t matter. What is important is that **our client is always pampered.**” These are the words of **Simone Bergamin** and **Valter Menegaldo**, owners of **Riflexo Srl**, a **flexographic prepress company** with thirty years’ experience in the sector.

The company, which enjoys continuous strong growth, always keeps a firm hand on certain strategic levers for managing and developing the business. “First of all”, continues Menegaldo, “the use of a computer system to organise work enables us to plan and monitor work at every phase. This has also been made accessible to our clients who can verify what stage their processing is at.” This excellent organisation allows us to accelerate production and meet the delivery deadlines of the client whose “every request must always be satisfied!” as Bergamin and Menegaldo remind us.

SOLUTION

Always with a view to customer service, we seek to create availability and flexibility, supported by the experience of qualified personnel and constant technological innovation to our production facilities. The latest investment made by Riflexo at the end of last year belongs to the latter category: a **DuPont™ Cyrel® 3000** solvent system capable of producing plates as large as **132 x 203 cm**.

“We invested in this new installation to meet three fundamental needs: to ensure maximum quality of the finished product, to save on materials and, finally, to be able to count on a faster system”. In fact, according to the in-production analysis carried out by Riflexo, the Cyrel® 3000 system is capable of manufacturing large-sized plates while at the same time halving production times compared to the previous medium-sized system, so they can now double their production capacity. “Moreover, processing large-sized plates enables us to better and more quickly handle last minute reworking jobs without wasting material.”

The Cyrel® 3000 system was developed and manufactured by Vianord based on DuPont’s specifications, and is serviced by DuPont. It is already ready for use with the new HD Flexo and Flat Top Dot technology.

The configuration installed at Riflexo is made up of three units:

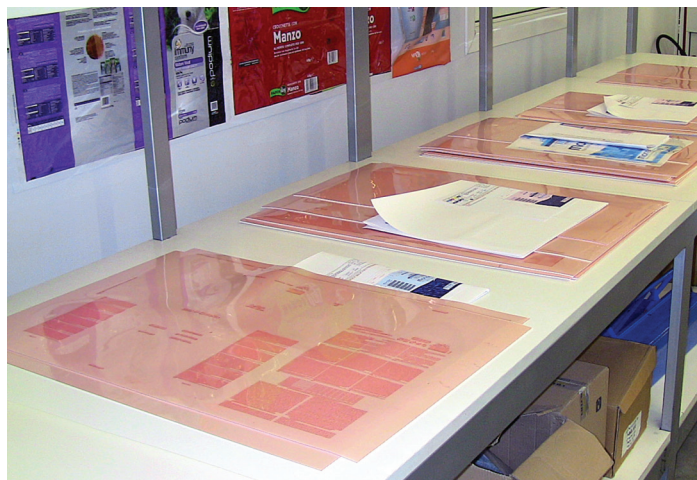
- The completely innovative exposure has a set of highly powerful lamps designed to obtain the best results from the most recent technologies. Moreover, the unit reaches the operating temperature quicker and keeps the process stable throughout the entire exposure time of the plate.
- The incremental progress developer unit has a pre-wash section for digital plates, where a separate tank collects the black layer. The plate is advanced at a constant speed and the rotary and oscillating brushes ensure uniformity of development on the entire plate.
- The integrated drying and finishing unit. The oven is equipped with six drawers where the plates are dried separately. The accurately controlled temperature ensures that each plate and the surface of each plate are dried uniformly. The finishing unit, installed directly above the oven, has UVA and UVC lamps that enable simultaneous finishing and post-exposure.



RIFLEXO? PRESENT!



From left to right: Mr. Simone Bergamin and Mr. Valter Menegaldo (Riflexo), Mr. Mario Castelli (DuPont De Nemours)



DuPont plates ready for printing.

RESULT

Mario Castelli, DuPont Advanced Printing Sales Manager for Italy, Greece, Malta and Cyprus confirms: “Thanks to the new Cyrel® 3000 system, Riflexo can now work with the latest generation Cyrel® EASY plates DuPont launched in June 2015. These plates simplify the prepress process since the construction of the flat top digital dot is done directly on the plates with a resulting increase in productivity and repeatability. Moreover, the new polymer technology behind the Cyrel® EASY plates provides increased ink transfer, increased colour saturation and increased resolution. The digital flat top dot provide greater ink density and consequently a higher quality print, since you can reproduce all graphic elements (tonal range, highlights, solid colours and traits) with nearly perfect precision and with optimised ink consumption.” This new plate technology has made it possible to take job orders that had been entrusted to other printing systems until now.

As the owners of Riflexo said, “we are always there for our clients.” Bergamin and Menegaldo close by saying, “always being there also means maintaining adequate production capacity to meet turnaround, costs and the quality expected by the clients. This is why we have once again selected DuPont in the technological renovation of our systems.”

KEY INDICATORS

- Increased productivity
- Minimal floor space
- Maximum plate size 1,320 x 2,250 mm (52” x 88”)
- Innovative washout process
- High dot resolution and fine line definition
- Integrated viscosimeter
- Robust and easy to support

For more information on DuPont™ Cyrel® or other DuPont Packaging Graphics products, please visit our website: www.cyrel.eu.