

Press release

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Bekaert Solaronics to supply UniDryer® V3 infrared systems with integrated air dryer to Cartiera di Momo, Italy.

Bekaert Solaronics will supply Cartiera di Momo with four infrared systems UniDryer® V3 followed by sets of air bars after each of the four coating stations on its PM1 recycled board machine. The Energy Recovery Concept is again applied to this project with the air bars directly fed by the exhaust hot air from the UniDryer® V3 systems. This concept allows even more energy savings! The installation of the systems is scheduled to take place during the 3rd quarter 2016.

The partnership between Bekaert Solaronics and Cartiera di Momo started in 1986 with the installation of three gas infrared drying systems. The objective then was the non-contact drying of recycled board for boxboard C1S production. Today, Cartiera di Momo renewed its confidence in Bekaert Solaronics to replace the existing systems.

The benefits guaranteed to the paper mill by the UniDryer® V3 with integrated air bars are many:

- **machine speed will be significantly increased by 10 %;**
- **gas consumption will be reduced by 36 %;**
- **paper machine will be able to produce with 10 % more coat weight.**

Moreover, thanks to the study carried out by Bekaert Solaronics, Cartiera di Momo has obtained a government subsidy for this project.

The UniDryer® V3 is a very compact system in which high performance gas infrared emitters are alternated with high temperature and velocity air nozzles. These features result in a fast heat-up, a high evaporation rate and ultimately in better product quality. Combined with the air bars, its efficiency is further improved and the gas consumption costs are optimized.

About Cartiera di Momo S.p.A

Established in 1963, Cartiera di Momo S.p.A. specializes in the production of coated multilayer cardboard packaging made with recycled fibers. The paper mill in Momo (near Novara) occupies an area of approximately 46,000 sqm. (of which 15,000 indoors), and is equipped with a 262 cm wide continuous machine. Annual production capacity is 80,000 tons, from 270 gr/ sqm up to 600 gr/ sqm. Current production includes grey back, manilla back (also for foodstuffs), coated white back and kraft back for foodstuffs.

About Bekaert and Bekaert Solaronics

Bekaert (www.bekaert.com) is a world market and technology leader in steel wire transformation and coating technologies. We aim to be the preferred supplier of our steel wire products and solutions by continuously delivering superior value to our customers worldwide. Bekaert (Euronext Brussels: BEKB) is a global company with 30 000 employees worldwide, headquarters in Belgium and € 4 billion in annual revenue. Founded in 1967, Bekaert Solaronics supplies customized drying and heating systems based on gas and electrical infrared technology to a wide range of industries. Today, more than 1 000 systems have been installed worldwide. The company also provides maintenance services and is available to assist on upgrades or improved energy efficiency of existing systems.