

# ICO CHOOSE AGNATI'S QUANTUM<sup>2</sup>

**INSTALLATION OF THE FIRST  
QUANTUM<sup>2</sup> AT PRIVATELY  
OWNED ITALIAN INTEGRATED  
CORRUGATED PRODUCER.**

**A**gnati has confirmed the sale of the first of its new corrugating line - Quantum<sup>2</sup> - to Ico Srl, the privately owned Italian integrated paper and corrugated packaging producer. Ico was founded more than

65 years ago and has an excellent reputation in the Italian market. As well as paper and corrugated, the company also produces tissue.

The agreement between Ico and Agnati, which was signed at



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LEONIDA LANCIA, COMPANY PRESIDENT, ICO

the beginning of 2018, resulted in the design, construction and start up of the new line at Ico’s plant in Pianella (Abruzzo – Italy).

“With the agreement for the first installation of a Quantum<sup>2</sup>, Ico shares the vision of Agnati, which offers a highly innovative solution for the corrugating process,” explains Leonida Lancia, Company President, ICO. “In order to remove critical issues found with the traditional production process, we can now meet market demand for increased board quality,” says Michael Schmiedt, Sales Director, Agnati.

**Successful Line**

The Quantum was developed in 2010 as a result of intensive research and development by Agnati. The aim was to deliver a complete corrugating line which could produce single wall board with new technology. “This new line has revolutionised the traditional production process, by enhancing the quality in terms of strength, flatness and printability,” says Schmiedt. “The Quantum<sup>2</sup> is the latest development of this ambitious project, which confirms the quality and the innovative content of the corrugators made by Agnati.”

The Quantum<sup>2</sup> is a doublewall corrugator which achieves the highest quality standards thanks to the innovative production process that allows for the production of perfectly flat sheets of corrugated board – even with fine flutes, where the reduced flute height guarantees high compression tests values.

By doing away with warped board, Agnati says that the Quantum<sup>2</sup> guarantees sheet adequacy, not only for traditional flexo and litho printing, but especially for digital print.

“The technical characteristics and the production process of the



Quantum<sup>2</sup> have simplified production and reduced the environmental impact of the plant in Pianella,” says Schmiedt. “The Quantum<sup>2</sup> is more compact than a traditional corrugator and maintaining a constant temperature during the production cycle avoids the initial thermal peaks and the high energy consumption of the traditional production process. With this line, users can reduce energy consumption by as much as 30%.”

**Passion for innovation**

Agnati is sure that the cooperation with Ico will bring this new technology to the highest level of performance, efficiency and integration into the Industry 4.0 environment. “Showing coherence with our vision, ‘Passion for Innovation’, the Quantum<sup>2</sup> is yet another step towards the future of the corrugated industry,” concludes Schmiedt. ■

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