



Comexi Enters the Digital Printing Sector With Its New Digiflex Press

The digital press will be the primary attraction at Comexi's K 2022 booth

Girona, October 11, 2022.- After nearly 70 years manufacturing capital goods for the flexible packaging converting industry, Comexi is taking a step forward: fully moving into digital technology. At K 2022, the company will present the Digiflex press, its first digital printing solution that enables the flexible packaging industry to meet the current needs of a changing and increasingly demanding market. The Digiflex will be the primary attraction at Comexi's Messe booth, 4B31, in Düsseldorf (Germany). From 19th to 26th October, during daily demonstrations, attendees will have the opportunity to view the Digiflex press in operation.

"The Comexi Digiflex is the machine that currently offers preeminent digital printing of variable data, such as Datamatrix variable codes, QR codes, barcodes, alphanumeric text, as well as other numbering and marking applications with high quality requirements", explains Pedro Jiménez, the digital technical sales director at Comexi, who also highlights that "it is a digital variable data print press that offers extremely high printing speed, superb quality results, as well as the highest level of performance and production. Digiflex is an all-in-one solution that includes the integration of the curing process, tension control, printing registration, corona treatment, and a video inspection system."

Comexi's new digital press uses low-migration inks that are suitable for food packaging printing; it offers excellent results in regard to quality tests (tape, ethanol, and scratch). The machine allows for the possibility of double-sided printing without treatment, as well as printing on pre-printed material. As a digital press, the Digiflex is an efficient solution due to its ability to reduce set-up times. It can reach a maximum speed of 220 m/min, reduce material waste, and improve lead time. Furthermore, the machine offers high printing quality with a resolution of up to 1200x1200 dpi, a minimum code size of 8x8 mm, as well as printing and registration consistency.

Different Codes with Unique Information

Using the Digiflex allows for the printing of variable data such as QR codes, DOT codes, alphanumeric text, variable information, numbering, barcodes, Datamatrix or images. Each printed code can be different and contain unique information, providing traceable material information, thus personalizing products according to the consumer's needs, and protecting brands from counterfeiting. "The Digiflex codes tracks and traces each product, complying with legal requirements as well as contributing to the circular economy, serialization and security of the supply chain," says Jiménez, who emphasizes that this machine not only "helps boost customer awareness, brand loyalty, and feedback acquisition, but also enables the analysis of consumer behaviour. Finally, the Digiflex offers security, anti-counterfeiting, and authenticity solutions, which is highly valued by brand owners."

Comexi participated with its Digiflex press in the R-Cycle project, led by the Reifenhäuser Group. The unique codes of the press machine identify the plastic type and performed production processes of each packaging unit, which makes recycling more appropriate and efficient.

About Comexi – www.comexi.com

Comexi, founded in 1954, has extensive experience in manufacturing equipment for the flexible packaging conversion industry. As a world leader, it operates six product lines, each specialized in a different conversion process: flexography printing, offset printing, digital printing, laminating, slitting, and digital services. Furthermore, it has a Service and Technical Assistance Business Unit that offers service 24 hours a day, 7 days a week.

The company has two production plants: one in Riudellots de la Selva (Girona, Spain) and another one in Montenegro, in the State of Rio Grande do Sul (Brazil). There are also two offices in Miami (USA) and Moscow (Russia). Moreover, Comexi is represented in more than 100 countries. This commercial network allows us to have proximity to our customers in order to optimally respond to their needs.

Comexi includes the Manel Xifra Boada Technological Centre, Comexi CTec, where the company provides support and shares its knowledge with various groups involved in the flexible printing industry process.

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