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ICE Munich 07



Press release

27 March 2007

Alpha Converting repeats its success

Alpha Converting has won additional business from a major international food manufacturer – this time for six more of its in-line ALPHASPOOL units.

“In standard form, the ALPHASPOOL gives precise control of the tension and spooling pattern, but to meet the specific requirements of our customer’s production processes, these machines have been substantially modified,” says Simon King, Alpha Converting’s Managing Director.

“They have been designed to accept a continuous web from the customer’s extrusion line, enabling non-stop production through the combination of a zero speed roll change and inbuilt accumulator,” he says.

As well as independent tension zones, each with dancer control, the spoolers are able to wind pancake rolls (straight winding) or level rolls (traverse winding).

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ALPHASPOOL units with accumulators for continuous running.

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Alpha Converting repeats its success – 2

“The laydown roll can also be operated in both contact and gap winding mode,” says Mr King. “These features allow our customer to optimise winding across a wide range of products and have contributed to substantial productivity improvements in their converting department.”

All ALPHASPOOL units have computer controlled winding profiles with a choice of different spooling styles to suit the web being processed. “Level wound rolls are more stable than pancake rolls for narrow tapes and rolls up to 100,000 metres long, which the ALPHASPOOL can handle with ease,” says Mr King.

The electronic control of the traversing mechanism on the winding head, which it shares with the company’s ALPHATRIM range of traversing trim winders, delivers a clean lubrication free system with, Mr King says, high reliability. Lightweight dancers produce precise control of the spooling tension regardless of the manufacturing process feeding the spooler.

For slitting applications, the ALPHASPOOL can be supplied complete with unwind, slitting head and all necessary path rollers, with the spoolers arranged in one or two banks up to three units high.

ALPHASPOOL winders handle a wide range of products including adhesive foam, tear tape and film laminates. ALPHASPOOL decoilers can be supplied to feed the level wound spool into the next process.

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