

Super Combi 4000 A-HD at PAVAG Folien AG

Pavag Folien AG, based in Nebikon, near Lucerne, Switzerland, last year put into production a very special and very interesting "LH / LF combination laminator". The Megapak Group is very pleased to have successfully expanded the long-standing partnership with Pavag Folien AG with another project.



The company Pavag Folien AG, managed by owner Pascal Pfister, has a long history in the field of sheet production and finishing. Today's Pavag Folien AG was founded in 1926 as Papier Verarbeitungs AG and thus as the first Swiss paper mill. In 2001, it was taken over by the current owners. At first, they relied on films in the food industry. Since 2014, the focus has been on high-performance films based on cross laminates. Cross-laminated films are characterized by their very high strength, their resistance to tearing and smudging. There are countless applications, such as self-adhesive bituminous sleepers, sausages and hang labels, and much more.



Nordmeccanica's new Super Combi-4000-A combined machine from the successful "Super Combi" series has been completely "redesigned" by Megapak specialists, especially for the particular needs of the customer.

Pavag Folien AG wanted a combi laminator capable of coating LH and aqueous adhesives, but also LF.

For the special materials of Pavag Folien AG (in particular the Pavalix and Rolamit products), this particular Super Combi 4000 has a film width of 1500mm and a roller diameter of 1200mm, but a particular challenge of the special cross laminates with structured surface of Pavag Folien AG was a very high adhesive application of LF adhesive well above 5g / m² and this without the telescoping of the fresh rollers in the winding.



Further special features or advantages of this hitherto unique laminating machine are as follows:

Advantages of the Super Combi-4000-A web guide

- Sufficient space on the winders for convenient handling of the rolls
- Possibility of installing a camera for web monitoring or similar monitoring systems before rewinder
- No web guides in the floor or under it (particularly interesting for the food packaging industry to meet the growing requirements of the hygiene regulation)
- Ample space under the bridge for handling the rolls at the main unwinder
- HD version reinforced with 1200 mm diameter rollers
- Working width of the belt up to a maximum of LN = 1500 mm
- Space for pre-conditioning of the infeed belt from the SV2 lamination unwinder
- Axleless unwinder and fully automatic duplex reversible rewinder with on-the-fly reel change
- Stainless steel hot air flow dryer with 2 independent temperature zones
- Removable air nozzles in the dryer for easy and convenient, yet professional cleaning, including industrial washing systems.

With this successful installation, Nordmeccanica, together with Megapak, is constantly continuing its strategy of using and manufacturing machines for laminating and coating the Italian market outside of flexible food packaging. More and more projects are being implemented in the field of technical products, such as protective films, photovoltaics, insulation materials, construction products, but also medical & pharmaceutical products.

