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Press Information

Wide-web Converting Machine for the Production of In-mould Labels

Schober introduces the RSM 1000, especially designed to convert printed film and foil such as OPP, PE, PS , PET and composite materials.

The development and production of the first Schober rotary die cutting and stacking machines for the production of in-mould labels goes back to 1990 and we can proudly announce that more than 60 RSM machines have been installed in over 30 countries all around the world. It is now recognized as the most advanced and efficient machine for the production of IML on the market.

In a fully modular design, the **RSM1000-IML** has integrated most of the proven stacking technology developed by Schober over the years. The rotary die cutting module has been fully redesigned to convert printing formats up to 1000 x 950 mm. Embossing and micro perforation modules, as well as an injector holes waste ejection package, can be retrofitted at a later stage.

The standard configuration of the **RSM1000-IML** includes an M-Stack delivery system. Available as an option or for future upgrades, is the S-Stack, as well as a high speed programmable robot automated stacking and counting system (Spider), which combines extreme acceleration, velocity and precision at a continuous web speed of up to 70 m/min.

The equipment is designed to pile up different types of products combined within the same printing image. The product layout can be heavily nested or a combination of very large/long and small products. These changeable product specific pick-up plates accept products at synchronized speed and stack them non-stop into a dual piling cassette system.

A 100% product inspection system with defective product discharge is available as well. Due to its specific design, the redesigned high performance **RSM1000-IML** is able to meet the specific demands of the market and new business challenges.

Short setup times with minimum waste and cost-effective cutting technology with maximum lifetime, due to micrometric die wear compensation adjustment, are additional significant benefits of this converting technology.

Know-How in machine development combined with high-capacity and vibration-free technology concepts, guarantees high performance in a noise-free environment.

Feel free to consult our webpage www.schoberusa.com

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