

Press Information

Cutting and creasing with maximum efficiency and quality thanks to vector technology

As a manufacturer of digitally printed folding boxes and in-mould labels, you are on your way into the future with the new **RSM520HD-DIGI-VARICUT**.

This machine features a hybrid drive technology for format-independent processing of digitally printed packaging materials & foils.

The innovative drive technology combines continuous and vector rotary die cutting technology in re-registration mode to print, thus a wide range of formats can be processed with a single set of tool or magnetic cylinders.

With a fully modular design, the **RSMHD-DIGI-VARICUT** is designed to convert webs up to a width of 770 mm to suit image sizes or printing formats of 740 x 1120 mm.

The combination of a standard configuration of the **RSMHD-DIGI-VARICUT** includes a vacuum conveyor with multiple vacuum chambers for a controlled product delivery, a high speed, programmable robot-automated stacking and counting system ("Spider") with an extreme acceleration, velocity and precision at a continuous web speed of up to 50 m/min is available as an option

This robot-automated delivery is designed in such a way that different products can be stacked with the same print image regardless of whether it is a combination of very long /large and small products with different dimensions, or a continuous, format-independent nesting of the printed images.

A strong advantage of this format-independent nesting is massive saving of media waste and massive increase in productivity based on imposition efficiency. The optional use of combined cutting and creasing plates helps to reduce tool costs. The proven cutting gap control system (GCS), to compensate for cutting wear, increases the tool life – another advantage of the **RSM520HD-DIGI-VARICUT**.



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Preset recipes – directly on the machine or via a workflow connection – enable very short set-up times. An automatic search for the starting position of the processing tools (auto register) reduces the waste rate to a minimum. A 100% inspection system can optionally be integrated to discharge waste.

Due to its special features, the **RSM520HD-DIGI-VARICUT** is the answer to increasing market requirements and future challenges of digital printing.

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