

# Moog launches TBR-104

The German company H.C. Moog, which has been a leading specialist in developing and building sheet-fed rotogravure presses for 70 years, has recently added a new machine to its portfolio. CEO Achim Kurreck told TJI about its advantages.

**M**oog's TBR-104 is a sheet-fed gravure printing press for the printing and finishing of packaging with high quality standards. "Our customers are very happy with the flexibility of the press to use all kind of ink and varnish without exchanging any parts of the press. So, our developments in the drying systems are absolutely a big advantage in changing over to the next job. In every printing unit you can use a

different dryer to get the perfect result. A good example is to print in the first unit water-based primer, in the second unit a solvent based ink and in the third unit a tactile varnish. Every printing has the flexibility according to the demands of the printer," explained CEO Achim Kurreck. The second successful development uses the 4 ink pan systems. So Moog's customers can reduce their unused ink significantly which is good for the environment and the

production cost. "Since we saw that the new developments in 2019 were accepted by our new customers, we started the 2020 phase. Enhancements never stop and so we designed a new directly heated UV ink pan to have a more precise temperature control in the printing unit. With the old offline heated ink containers, you never know which temperature is in the printing section," Kurreck told TJI. The second important development was the new design of ►



1-TBR Compact



6 TBR

## SINGLE UNIT AND MULTICOLOUR SHEET-FED GRAVURE PRESSES AND OUR NEW MULTITALENT 1-TBR COMPACT

- Production speed up to 16,000 sheets/hour
- Economical formats 780 mm x 1060 mm  
1050 mm x 1450 mm
- Multicolour presses with up to eight units
- Premium gravure printing in the field of cosmetics, confectionery, perfumes, pharmacy, labels, tobacco, beverage, food industry as well as mock-up models and prototypes
- UV + IR + HOT-AIR dryers

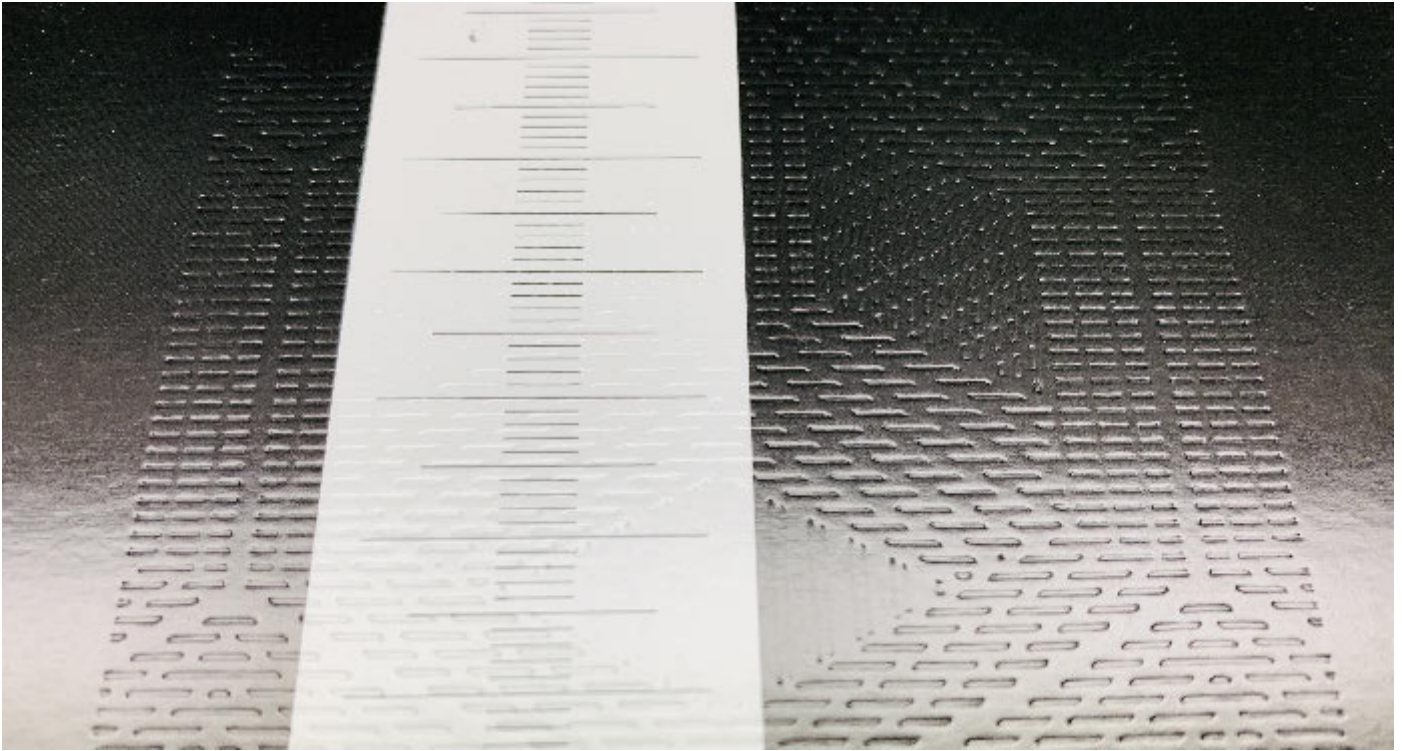
Designed and Made in Germany

# Makes the Difference

**MOOG Sheet-fed Gravure Presses  
for High Print Performance**



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An embossing pattern produced with the Moog sheet-fed gravure press

the delivery gripper bars. Moog focused on safety, lifetime, press speed and the easy replacing of parts. “Then the first lockdown thwarted us for a second. So, we began to design something new on the base of our long term knowledge. The result is a rotative embossing press which will be finished in some weeks. Our existing presses can produce very nice debossing work and also hidden images. We designed a press with a single

pressure cylinder with more stability to get a perfect result,” said Kurreck. Additionally, for the demand of cutting and creasing Moog designed a super-fine pressure adjustment system. The most common application will be the blind embossing with traditional embossing cylinders. “We see that packaging enhancement will go straight forward. One climate-friendly solution is blind embossing for visual and tac-

tile effects. In combination with an already printed shiny gold, silver or varnish the effect is more visible. The combination with debossed hidden images is possible with the same cylinder for the product safety,” Kurreck continued.

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## NOT A MASS PRODUCTION

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As one of the leading players in sheet-fed gravure, H. C. Moog, which was founded in 1950 and is now in its third generation of family management, always listens to its customers to find a solution for their demands. “The packaging market counts a lot for Moog with the demand of high quality short-run solutions. Sheet-fed Rotogravure printing in combination with other offline sheet-fed presses is the key for outstanding and cost-efficient packaging printing. Additionally, we see a lot of improvements in the ink and gravure cylinder production. The system gravure is the easiest and best solution to produce for the premium brands and also combats the counterfeit market. Premium packaging printing is not a mass production,” concluded Kurreck.

## MOOG CELEBRATED ITS 70TH ANNIVERSARY IN 2020

Henry Cornelius Moog founded the company in 1950 and also is also responsible for the design of the MOOG logo which illustrates a printing unit. The “M” shows the drying section, the two “Os” the printing and pressure cylinder and the “G” the ink pan with the doctor blade.

Since its foundation, Moog has developed special sheet-fed and webmachines in gravure; Flexo; Screen printing and handling machines, such as fully automatic cylinder storages and their components for a constantly changing market. Accordingly, Moog continues to develop, design and produce new solutions and innovations.

For years, the focus has been on sheet-fed gravure printing machines for high-quality printing with orders in the folding carton industry and label- and security businesses. Moog serves sectors such as cosmetics, perfume, tobacco, confectionery, and general finishing for the printing industry with conventional gravure inks, UV and water-based inks and varnishes.

Marie Mayer