

Kolbus presents casemaker with one rubber pad for all formats

Economical investment, especially for small and very small orders

Bigger, faster, farther? In an ever more rapidly changing pressure world, an approach that goes beyond old ways of thinking is called for. Orders are getting smaller, there is a lack of staff, but customers still expect top quality, fast deliveries and no lazy compromises. With the DA 160, the long-established company Kolbus from East Westphalia presented a casemaker at drupa that fulfils all these requirements and is particularly suitable for small orders, was conceived for the future.



Wow! The Kolbus trade fair stand at drupa 2024 in Düsseldorf.

Produce short runs economically with semi-automatic technology

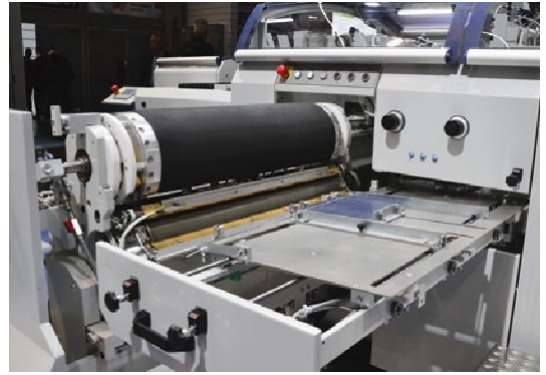
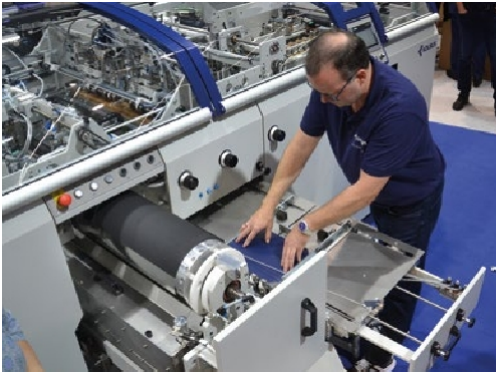
"This is machine 1," says Hendrik Löhr. The application engineer is one of the designers of the production system, which is based on the long-established Kolbus DA 270.



The Kolbus DA 160 casemaker is more than just the 'little sister' of the DA 270. The market orientation is different and with the matrix-free gluing unit it also has a very special gluing unit, it also has a very special technical highlight.

Compared to the DA 270, however, the DA 160 is not only more compact. "For example, the new book cover machine works with a matrix change-free gluing unit." If a format change is required when working on a casemaker, a die change usually has to be carried out.

This is not necessary with the DA 160, as we work according to a new principle that simply makes such a change superfluous," reports Björn Dieckmann, also an application technician at Kolbus. "This simplifies the work processes within the machine and also for the operators." As the DA 160 is intended for small series, the cloth magazine is also somewhat smaller. "We are expecting a print run of 1 or more. This probably won't happen. Even small print runs are usually larger. "It's not a technical problem."



Björn Dieckmann, application engineer at Kolbus, setting up a job on the new DA 160 casemaker for a customer demonstration during drupa 2024 in Düsseldorf.

With 20 cycles per minute, the DA 160 naturally can't manage the 65 cycles of the larger DA 270. "What's more, everything runs non-stop on the large machine, so as an operator I can add cloths during operation. If I handle a job on the small machine, let's say up to a print run size of 500," says Hendrik Löhr, "I just have to refill the magazine."

"As the operation has been designed so simply that the process is handled in just a few simple steps, the time required is hardly any greater. At the end of the day, Kolbus is certain that the company that uses the machine wins. The degree of automation is high, operation is simple and short runs can be realised profitably."



Co-developers of the DA 160 casemaker: Björn Dieckmann (left) and Hendrik Lühr.

Feedback and close exchange of ideas with customers as the basis for CIP

In Rahden, Germany, many extra shifts were put in to be able to present the machine, whose display has a simple user interface that reduces the necessary input to an absolute minimum, in time for drupa. And not just to make it appealing to interested customers.

"We deliberately wanted to exchange ideas, we wanted feedback."

Of course, the small town in East Westphalia, the hidden "industrial champion" of the republic, did not develop into the blue. The planning for the DA 160 was, of course, closely orientated towards the customer's desired requirements and features. "But that doesn't mean that a machine can't be improved even further. There is always potential for improvement - and you only get that if you always remain open to ideas." Ideas from practice.



The BLF 500 box forming machine with BLP 500 corner puncher from the Boxline machine series for premium packaging.

With around 650 employees and 80 trainees Kolbus operates sites in NRW, Leipzig, Great Britain and the USA. The demonstrations of the DA 160 at fixed demo times at the trade fair attracted the attention of many interested parties from Germany and abroad. Sometimes small is sexy, especially when small is synonymous with being able to earn money with small orders.

Kolbus shines in Düsseldorf with further technical highlights

Packaging is becoming increasingly important for manufacturers of printed products. This market segment, especially with a focus on high-quality premium packaging made of paper and cardboard, is served by the Boxline BLF 500 box machine with BLP 500 corner die-cutter, which produces boxes from cross-grooved or pre-cut sheets of uncoloured or coloured cardboard, which have particularly precise angles and sharp edges and are also glued in the system (cold glue). Set-up times are short and no tool changes are required for format changes. The drupa machine has a cutting device with four blades for corners.

The Kolbus RD 115S, a flexographic rotary die-cutter for printed and die-cut corrugated board packaging, was also presented at drupa. This modular, robust machine guarantees high-quality flexographic printing. It was already launched on the North American market in 2020 and should therefore have had its drupa première in 2020. This didn't happen for a reason.

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Do you have any further questions?



It's best to make an appointment now or send a message to Andreas Hülsmann!

To the contact: Scan QR code → or
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