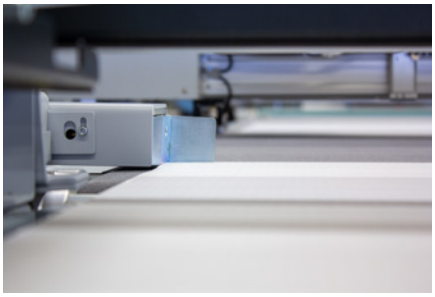
UNDERCAM with board-loading extension
Product information

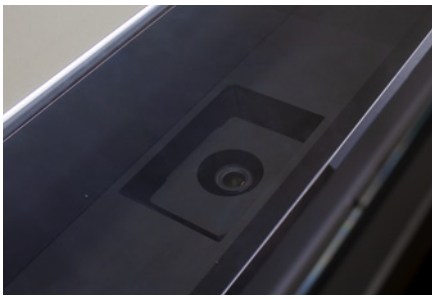
The UNDERCAM with board-loading extension facilitates semi-automatic production with third-generation Zünd cutting systems. The board material is manually placed on the loading extension with the printed side facing down and is then captured and processed by the UNDERCAM.

A camera beneath the glass opening in the loading extension enables the UNDERCAM to register printed boards with the print facing down.
After the board is manually placed, a hold-down and positioning device ensures the printed board is quickly and precisely positioned in the cutter working area. Equipped with the loading extension, the cutter can be operated at the push of a button or with a foot switch. This ensures extremely user-friendly operation and ease of use. It is now even possible to register the next job while cutting is still ongoing. This saves a lot of time since you no longer have to wait until the cutter has finished the previous job to register the next one. In addition, being able to process boards with the printed side down offers tremendous advantages with jobs that require creasing or cutting from the reverse, unprinted side. Boards no longer need to be flipped manually.









Details
Suitable for Zünd G3 and D3 cutters (L, XL, 2XL, 3XL)
Hold-down and positioning device for precise registration and board feeding/advancing
Accuracy: ± 0.3 mm per meter of material length (with a board measuring 1 m x 2 m / 39 x 79 in, the expected accuracy is ± 0.6 mm)
• Viewing window dimensions: 980 mm x 1540 mm / 38.6 x 60.6 in (X/Y)
Material dimensions: • Maximum dimensions depend on the working area of the cutter • Minimum length in feed direction: 700 mm / 28 in
LED button and foot switch

Benefits at a glance
No more time-consuming, separate capture of register marks required
Frees up operators to take care of other tasks during the cutting process
Excellent user-friendliness: operate the cutter at the push of a button or with a foot switch.
Automatic identification of the next job while the cutter is operating
Identification and processing of the job with the printed side facing down

07-2024

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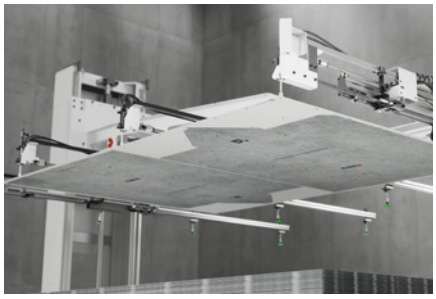
UNDERCAM with BHS180 Board Handling System

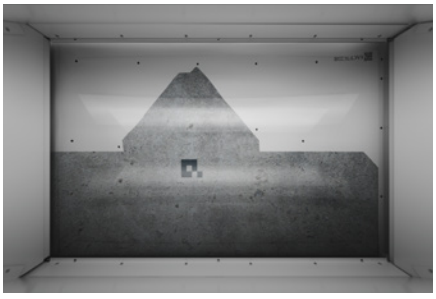
Product information

For the Q-Line, the UNDERCAM with BHS180 Board Handling System provides fully automatic pallet-to-pallet production. The board material is placed on the UNDERCAM print side down. The system then identifies the corresponding job file and feeds the material into the cutting area for processing.

A camera beneath the glass opening of the loading extension enables the UNDERCAM to register boards with the print facing down. The hold-down device ensures the printed board, once laid down, is quickly and precisely positioned in the cutting area. The UNDERCAM can even capture the next job using QR codes or register marks while cutting operations are ongoing. Double loading with two boards, one after the other, is also possible. The Q-Line then cuts the boards simultaneously with the use of both beams. This significantly increases throughput and saves time. There is also no need to wait until the cutter is finished with the previous job before registering the next one. The feeder can proceed with loading the next board in line, and the UNDERCAM system captures it. Because of these capabilities, the UNDERCAM facilitates efficient processing of both short and long runs.

With jobs that require creasing and cutting from the reverse, unprinted side, boards no longer need to be flipped manually since they are already in place with the printed side facing down.





Details

- Automated material capture and board feeding specially developed for the Zünd Q-line (L, XL, 3XL) with BHS180
- Also available with manual UNDERCAM system for G3 and D3 cutters (without automatic material feed)

- Static cutter extension on the feed side is equipped with UNDERCAM viewing window
- Viewing window dimensions: 980 mm x 1540 mm / 38.6 x 60.6 in (X/Y)
- Hold-down/leveling device for uneven board/sheeted materials

Holder and board positioning device for exact registration and feeding/advancing.

Accuracy: ± 0.3 mm per meter of material length (with a board measuring 1 m x 2 m / 39 x 79 in, the expected accuracy is ± 0.6 mm)

Maximum size for materials in accordance with the BHS180

Benefits at a glance

Automated production of multiple jobs in the same stack with QR-code capture

Frees up operators to take care of other tasks during the cutting process

Excellent user-friendliness: operate the cutter at the push of a button or with a foot switch.

Automatic identification of the next job during production – intelligent automation for short and long runs

Precise capture of register marks with the print side facing down

Misprints and damaged boards are off-loaded without being processed.

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