CEREST
Ingénierie Industrielle - Machines spéciales



ENCOLOG

Last-sheet gluer

Mechanical engineering **Realizations** **Cabling** **Machines**

The Encolog enables the precise application of a **bead of glue** to the end of the **last sheet** in a roll.

The machine offers two operating modes:

- **Single-roll mode:** the operator loads a roll from the front, which is then processed and ejected directly at the outlet
- **Small-batch mode:** the operator extends the exit table and feeds the machine from the rear, allowing for the processing of 3 to 10 rolls depending on their diameter

An LED strip indicates in real time whether a roll can be inserted.

In rear loading, a stop positions the **LOG** (paper roll) between two motorized rollers. In front loading, the operator places the log directly between these same rollers.

A blowing ramp ensures the sheet unrolls, which then presses against a suction ramp for optimal hold.

Using laser sensors, the presence of the sheet is precisely monitored before the adhesive bead is applied. Once the position is confirmed, a linear actuator moves the gluing head.

A measuring ruler integrated into the translation system allows the start and end of the adhesive bead to be precisely adjusted from the control panel.

At the end of the cycle, the roll is ejected toward the exit via a dynamic “catapult”-style movement.

SPECIFICATIONS:

- Rolls Ø65 to Ø210
- Glue bead length: 750 mm
- 10 rolls/min

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Reference : 3920

Project added the 07/04/26

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