Servo-controlled matrix stripping

Remove the waste matrix continuously from the machine: servo-controlled roller take-off with a short matrix path. Can also be retrofitted, with a waste container or optionally with BRUNO for compaction.



Application and equipment

Business area	**Converting**
Applications	**Etiketten-Converting, Stanzen / Die-Cutting**

Description

Get the waste matrix out of the machine. Fewer manual steps in production.

Precise die-cutting is only part of the process. The resulting matrix waste must also be removed reliably. The additional PrintsPaul matrix stripper handles this task directly at the machine: a servo-controlled steel roller strips the matrix in a controlled manner and feeds it on to the downstream waste disposal.

The short take-off path and continuous discharge relieve the operator. Instead of collecting the matrix on waste rolls and changing them regularly, the material is transported behind the machine, either into a waste container or for optional compaction with BRUNO.

Short path. Controlled tension.

For set-up, the matrix is placed on or taped to the servo-controlled stripping roller. The roller provides the controlled tension and separates the waste matrix from the label web. Positioning it close to the stripping point keeps the free matrix path short.

The stripped matrix is then guided backwards out of the working area of the machine. This makes waste removal a continuous part of the production process.

Your benefits in day-to-day production

- **Less manual waste handling:** the matrix is continuously removed from the machine.
- **Controlled matrix take-off:** servo control and a steel roller handle the tension on the waste matrix.
- **Short take-off path:** the matrix is taken off close to where it is created.
- **No regular matrix roll changes:** with direct discharge into downstream disposal, conventional rewinding of the matrix waste is no longer needed.
- **Flexibly expandable:** operation with a waste container or in combination with BRUNO.
- **Can also be integrated later:** retrofitting after assessment of the existing machine configuration.

With BRUNO, compact. Without BRUNO, collect directly.

Directly into the waste container: the matrix take-off also works without a compactor. The discharged matrix is collected loose in a suitable container behind the machine. Emptying the container remains part of waste handling.

Optional mit BRUNO: Für eine platzsparendere Sammlung lässt sich der Matrixabzug mit unserem BRUNO-Kompaktor kombinieren. Der Abzug übernimmt die kontrollierte Abführung, BRUNO verdichtet den zugeführten Abfall. Damit lässt sich das lose Abfallvolumen reduzieren und die weitere Entsorgung vereinfachen.

Extend the existing machine sensibly

Would you like to improve the waste handling of your existing line? We assess the suitable installation point, the connection to the servo control and the route to waste collection. The design depends on the machine, material and the required disposal solution.

Enquire about retrofitting

Tell us the machine type and web width and send us a photo or short video of your current matrix stripping. Together with you, we work out the right integration, with a waste container or optionally with BRUNO.

Enquire about a matrix take-off for retrofitting

Matching machines

- Bruno

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Rent the machine, produce under real conditions and decide afterwards. If you buy, part of the rent is credited.

printspaul.com/add-on/servogesteuerter-matrixabzug

Consultation and quotation

Paul Arndt, Managing Director
+49 2403 7829-30
mail@printspaul.com

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