Our Company

Based near Stuttgart, Germany, Matho designs and manufactures cutting units and waste handling systems for the labels, converting and packaging industries. The machines extract, cut and transport your production waste into the waste disposal.

Thanks to the modular structured concept, Matho is in a position to convert customer wishes to reality, immediately and with great flexibility.

Matho is dedicated to manufacturing exceptionally engineered waste handling systems. Matho’s business model is built on innovation, operational efficiency and customer satisfaction.

Industries

<table>
<thead>
<tr>
<th>Converting</th>
<th>Labels</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trims Removal system</td>
<td>Self-adhesive matrix and release liner</td>
<td>Extraction of thermoforming waste:</td>
</tr>
<tr>
<td>Extraction of self-adhesive or non-</td>
<td>trim, in-mould label waste:</td>
<td></td>
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<tr>
<td>adhesive:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paper</td>
<td>Paper</td>
<td>Blister matrix</td>
</tr>
<tr>
<td>PVC, PET, PE, PP, OPP, BOPP</td>
<td>Film</td>
<td>Die-cutted material (Chads)</td>
</tr>
<tr>
<td>Laminates</td>
<td>Foils</td>
<td>Edge trims</td>
</tr>
<tr>
<td>Aluminium</td>
<td>Mix</td>
<td></td>
</tr>
<tr>
<td>Non-woven, textile</td>
<td>Laminates</td>
<td></td>
</tr>
<tr>
<td>Glas-fibre</td>
<td></td>
<td></td>
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<tr>
<td>Wood, veneer</td>
<td></td>
<td></td>
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<tr>
<td>Mixed material</td>
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</tbody>
</table>
Our Product series
Matho produces unique waste extraction systems which include cutting units (Cuttopipe series), local and bag-bounded collection solutions (Cuttobag series) to the high end collection solution in balers and press containers (Cuttopress series).
Please find below and on the following pages the different types and characteristics of our products divided in the mentioned three product series.

Cuttopipe-series

<table>
<thead>
<tr>
<th>TYPES</th>
<th>Capacity</th>
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<tbody>
<tr>
<td>CB-100.1</td>
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</tr>
<tr>
<td>CB-100.2</td>
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</tr>
<tr>
<td>CB-1000.2</td>
<td>2 x 1000l</td>
</tr>
<tr>
<td>CB-1000.1f</td>
<td>1 x 1000l</td>
</tr>
<tr>
<td>CB-2000.1</td>
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</tr>
<tr>
<td>CB-2000.2</td>
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Cuttobag-series

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Cuttopress-series

<table>
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<tbody>
<tr>
<td>CP-4000 Baler systems</td>
</tr>
<tr>
<td>CP-6000 Container systems</td>
</tr>
<tr>
<td>CP-7000 Dust filter systems</td>
</tr>
</tbody>
</table>
Cuttopipe

Cutting unit „Cuttopipe“ for integration in existing as well as new extraction systems with different tubing cross sections. Dependent upon application and material we are able to supply cutting units of different configurations in regard of material of knives, power and rotation speed of motors. With an innovative inner construction causing very low air resistance our cutting units work very energy-efficiently.

TYPES
Inline cutter series: GR-100, GR-160, GR-180, GR-200
Mills series: GR-200 HS, GR-420 HS, GR-500 HS

Application:
Extraction and cutting module for self-adhesive matrix and edge trim waste
Cuttopipe EM-160
Location: The Netherlands
Typical applications in industrial production:

Application: Cutting system for 2 x on a high-speed slitter rewinder trims
Solution: Cuttopipe CM-160
Location: Austria

Application: Cutting system for blister packaging matrix waste
Solution: Cuttopipe GR-500 HS
Location: Germany

Application: Cutting system for 2 x edge trims each slitter
Solution: Cuttopipe CM-180
Location: Germany

Application: Cutting system for veneer trims on an edge banding machine
Solution: Cuttopipe CM-100
Location: USA

Application: Cutting system for self-adhesive matrix and trims
Solution: Cuttopipe EM-180
Location: Belgium
**Cuttobag**

Our Cuttobag-series covers the complete range of compact waste handling systems including cutting unit (Cuttopipe). We supply any size, from small and portable with single collection bag to big and stationary with double collection bags, including filling level sensors and automatically change-over. Of course, we provide each customer with individual solutions for their special needs.

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**Solution:**

**Extraction and collection unit**

**Cuttobag CB-1000.2 CF**

Capacity: 2 x 1000l Big Bag

Location: Malta
Typical applications in industrial production:

Solution:
Extraction and collection unit
Cuttobag CB-1000.2 OF
Capacity: 2 x 1000l Big Bag
Location: Germany

Solution:
Extraction and collection unit in stainless steel for pharma and food applications
Cuttobag CB-1000.2 CF
Capacity: 2 x 1000l Big Bag
Location: Germany

Solution:
Extraction and collection unit with balance ventilators
Cuttobag CB-2000.2
Capacity: 2 x 2000l Big Bag
Location: Germany

Solution:
Extraction and collection unit in combination with a Cuttopipe GR-420 HS cutting mill
Cuttobag CB-1000.1 CF
Capacity: 1 x 1000l Big Bag
Location: Mexico

Solution:
Portable and complete waste handling system
Cuttobag CB-100.1
Capacity: 1 x 300l Bag
Location: Japan
Cuttopress

Complete central waste handling system for all kind of production waste, also appropriate for self-adhesive materials. We offer individual solutions for all customer requirements and every location. The chopped material is transported via ducting system into either a baler (CP-4000) or a stationary container press (CP-6000). Solutions for the air cleaning (dust filter systems) and recuperation are likewise and can be added to the system. The Cuttopress system can be extended easily due to its modular structure.

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Solution:
Extraction and collection unit
Cuttopress CP-6000
Capacity: 2 x press container
Location: Spain
Typical applications in industrial production:

**Solution:** Extraction and collection unit
- **Cuttopress CP-4000**
  - Baler solution
  - Location: United Kingdom

**Solution:** Extraction and collection unit
- **Cuttopress CP-4000**
  - With special option for material separation in 4 different balers
  - Location: Germany

**Solution:** Extraction and collection unit
- **Cuttopress CP-6000**
  - Capacity: Stationary press station with disconnectable container and dust filter system
  - Location: Germany

**Solution:** Extraction and collection unit
- **Cuttopress CP-6000**
  - In combination with an already existing press container
  - Location: Spain

**Solution:** Extraction and collection unit
- **Cuttopress CP-6000**
  - Capacity: Stationary press station with disconnectable container and air return system
  - Location: Australia

**Solution:** Extraction and collection unit
- **Cuttopress CP-6000**
  - In combination with an already existing press container
  - Location: The Netherlands
General system function

Inside the production facility

- Chopped and extracted waste disposal
- Material ventilator
- Piping/duct system
- \textbf{Cuttpipe} (cutting unit)
- Silencer
- \textbf{Funnel} (Extraction right beside the production machine)

Inside or outside the plant

Good reasons to pin your hopes on Matho
Benefits

Productivity
• Higher production speeds
• Less due to matrix breaks downtimes
• Less set-up times
• 24/7 non stop production

Outward appearance
• Increasing cleanliness and tidiness
• High standards in certification for food and pharmaceutical industries

Ergonomics
• Reduction of work load
• Increased operational safety
• Comfortable working environment
• Improvement of production processes

Production costs
• Reduction of labour costs
• Less material costs due to narrower label stock
• ROI < 1 year

Waste Disposal
• Reduction of waste volume
• Less transports and disposal costs
• Waste separation enables easier handling and recycling of the materials

Make use of our engineering and installation service

A modern and state-of-the-art IT infrastructure with well-trained engineers is existing and background of our work.

Our service technicians are well-educated to handle the installations and its requirements.

Special electrical and mechanical solutions like a smart visualization for material separation are also common for our staff.