



EDP Die-Cutting Machine



Optional Cutting Dies
Automatic Magazine

Automatic Die-Cutting Machine

- Electrical controlled cutting head (no hydraulic system)
- All cutting head movements are controlled by servo motors
- 25, 45 and 60 tons of cutting power available
- Machine is designed for two possible board widths, covering up to 1650- or 2050-mm processed material width
- A main conveyor takes the material into the machine: the conveyor is designed to support material during die-cutting operation
- Cutting can happen directly on the conveyor or over a hard support, for example a plastic board
- The board oscillates to a different position at each cutting cycle, extending board life time
- The machine can reach up to 61 strokes per minute, i.e., cutting a surface of 150 x 150 mm over a 1550 mm wide material
- HMI, PLC and motor drives are interfaced to ensure an OPC UA-ready, fully automated machine
- The software is user-friendly and designed for material optimization
- Siemens electronics
- Equipment can be manufactured following electrical CE or UL standards
- For machine safety, Biko Meccanica provides CE certification or OSHA compliant machines

Optionally, the machine can be equipped with:

- Roll unwinders, multiple unwinders or panel loader
- Trim/waste winder or collector
- 360° rotating head
- Automatic stacking/knockout unit



Cutting Head Detail ▶



About Biko Meccanica

Biko Meccanica Srl was founded in 1984 and has soon become a world-wide leader in the design and manufacturing of machines and plants for the converting and coating industry, to further expand to many other sectors.

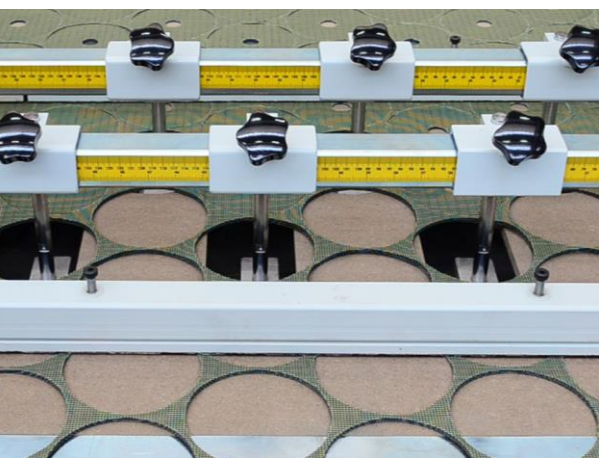
From small, standalone machines (such as Presses, Slitters, Die Cutting Machines) to medium-sized machines (such as Laminating Machines, Rotary Die Cutting Machines), and up to large, high-performance, customized converter plants, Biko Meccanica is able to cover any kind of processing need, with equipment ranging from manually operated machines to fully automated plants.

With over 35 years of experience in the field of machinery manufacturing, Biko Meccanica can provide a full range of solutions, from standard machines up to fully-customized, built-to-order machines.

With knowledgeable pre- and post-sales support, a prompt and dedicated technical support, and a fast spare parts service, Biko Meccanica offers its customers the tools and services they need to profitably focus on their business while minimizing manufacturing downtime.

Located in the North-East of Italy, in the heart of Europe, Biko Meccanica groups a team of high-skilled, dynamic mechanical and electrical engineers and specialized workforce. The manufacturing facility covers an area of about 6,000 square meters, with the possibility for further expansion.

Biko Meccanica is committed to going green in its business approach. Concern for the environment and sustainability is increasingly taken into account in Biko Meccanica's daily activities.



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Our YouTube Channel



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