



**SOLUTIONS FOR SPLITTING, CUTTING,
CRUSHING, PITCHING AND HANDLING
STONE AND CONCRETE**

Precision. Power. Personalization.



MEC SRL
World leader in split processing of stone
and concrete

MEC Catalogue
Machines for splitting, cutting, crushing,
pitching and handling of stones and cement



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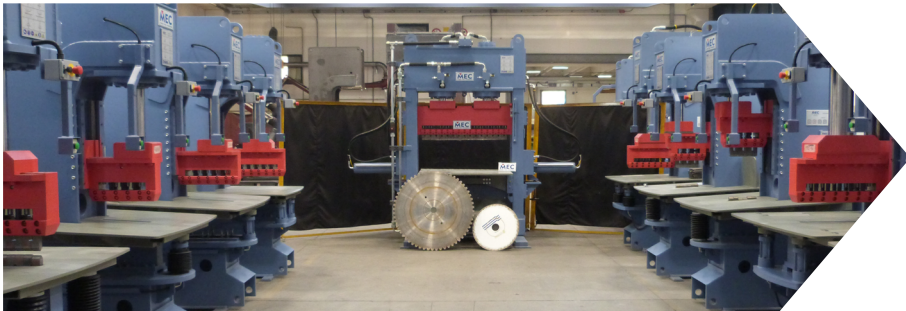
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Our values

Each material has its own characteristics. Every quarry, every workshop, every company has its own needs. This is why we do not only manufacture machines, but solutions: conceived, designed, and built to process stone and concrete in the most efficient, safe, and productive way possible. From splitting to cutting, from

finishing to crushing, up to handling: every phase of the process finds in our machines the right tool, precise, reliable, and customizable.

All our lines, from the most compact to the most complex, can be adapted in power, size, and configuration to ensure optimal and tailor-made work.



Customers who work with stone work with MEC.

An experience that starts from mechanical quality, continues through technical assistance, and is consolidated over time with the solidity of a present and competent partner.

Vision

To be the global reference point for stone workers, offering modular, innovative, and sustainable machinery and systems, capable of combining efficiency, aesthetic quality, and respect for the environment. Our goal is to lead the industry towards a future where everything is valued and every block of stone finds its best shape.

Mission

We design and manufacture cutting-edge technological solutions for the splitting, cutting, and crushing of stone and concrete, with the aim of optimizing productivity, enhancing every material, even waste, and responding in a personalized way to the needs of every customer in the world. We do this with craftsmanship, Italian ingenuity, and attention to sustainability.

our team



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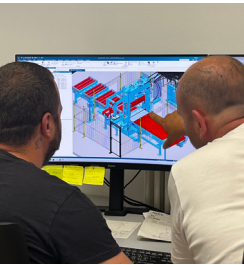
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Services



Design

We work closely with customers to design modular and configurable systems, tailored to specific production and space needs. Our experience and production flexibility allow us to create integrated automatic machines and lines, easily adaptable to different types of processing and production volumes.



Made in Italy

All our machines are designed and manufactured entirely in Italy, by specialized and highly qualified labor. Each production phase complies with strict quality (ISO 9001) and occupational safety (ISO 45001) standards, to offer reliable, durable, and cutting-edge solutions, recognized all over the world. We are also committed to ensuring timely delivery, ensuring continuity, and efficiency for our customers.



Innovation

We are committed to the continuous research and development of innovative technologies, improving the productivity, safety, and environmental sustainability of our products.



Installation

Our technical team follows each installation accurately, ensuring a quick and safe start-up of the systems, with particular attention to training operators on the correct use of the machines.

During the installation phases, our technicians offer training to ensure maximum efficiency and safety in the use of the machines. Our multilingual assistance — in English, German, French, and Spanish — is also supported by a global network of collaborators who speak the local language, facilitating communication and timely interventions.

Training

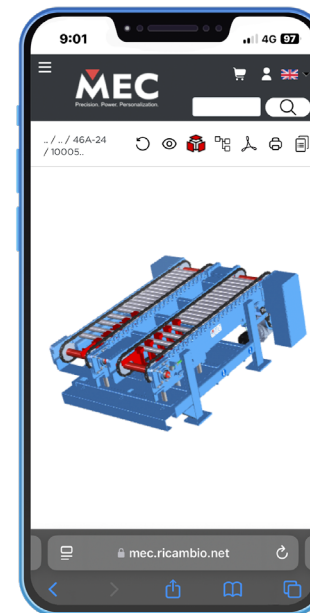


We guarantee constant technical support and original spare parts to preserve the reliability and quality of our machines over time. Our customer service is always available for timely interventions, updates, and maintenance, ensuring business continuity and minimizing downtime.

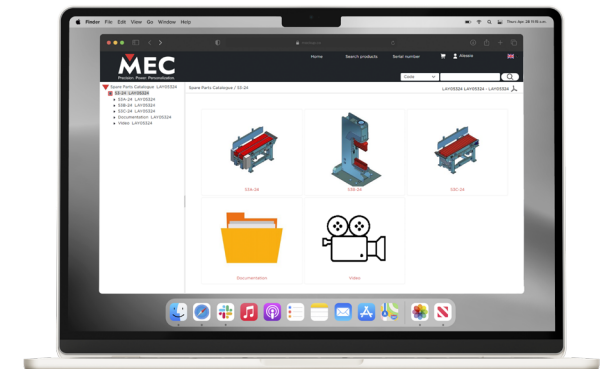
Support



To emphasize this commitment, we have integrated our after-sales service with a new online platform, intuitive, multilingual, and always accessible. The software allows you to send requests for spare parts immediately and to easily consult technical documents, manuals, and videos dedicated to installation and maintenance.



With just a few clicks, you can get help wherever you are, anytime. For MEC, the relationship with the customer does not end with the sale: this tool represents our solid commitment to simple, fast, and long-lasting assistance.



Sustainability

At MEC, sustainability is not just a value, but a daily practice that drives every aspect of our business. Our commitment is divided into three fundamental dimensions: environmental, social, and economic, to reduce ecological impact and promote a more responsible future.



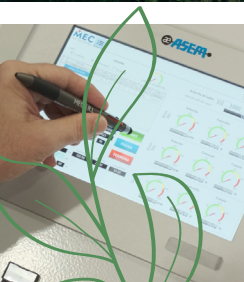
Environmental

We produce clean energy with photovoltaic systems, reducing CO₂ emissions. We use regenerated packaging and encourage recycling with careful, separate collection. Our crushers transform stone, concrete, or glass waste into reusable materials, promoting the circular economy.



Social

We support reforestation and biodiversity through projects such as the Trentino Tree Agreement and the adoption of beehives. We invest in internal well-being: training, safety, welfare, and active support for our volunteer employees of the Fire Brigade and AVIS blood donors.



Economic

Our machines are designed to reduce consumption, maximize yield, and contain costs. Crushing solutions make it possible to recover materials that would otherwise be destined for disposal, improving the sustainability and profitability of production processes.

Our machines

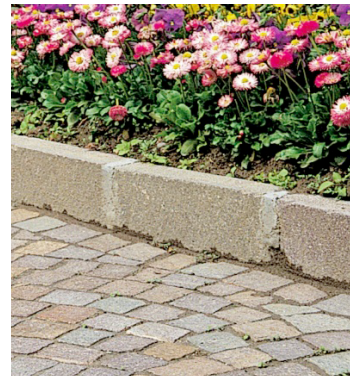
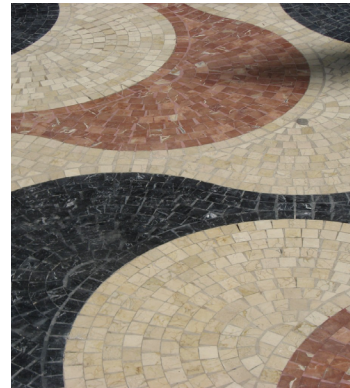
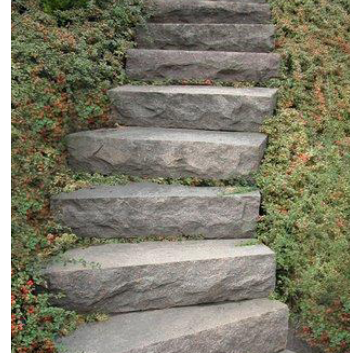
For almost thirty years, MEC has been designing and building solutions for the world of stone and concrete, with constant attention to quality, technology, and customization.

Our machines are designed to deal with all stages of processing: splitting, cutting, finishing, pitching, and crushing. Each line is designed to adapt to different materials: from natural stone to semi-finished stone, sawn to concrete. We offer tailor-made solutions for every production reality, from the small artisan workshop to large industrial plants.

Mechanical reliability, the possibility of customization, attention to technical detail, and our experience allow us to offer single machines or complete systems, manual or automatic, capable of guaranteeing productivity, safety, and high-quality results.



Choosing MEC means choosing a partner who knows the materials inside out and knows how to enhance them.



Splitting

Two types, unique guarantee: quality of the split.

MEC splitting machines are divided into two large families:

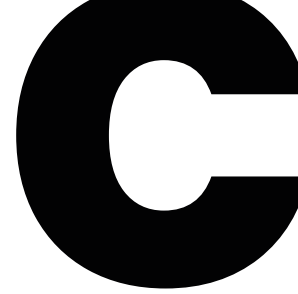
C – Open frame

Designed to process shapeless, irregular, or natural materials, these machines offer maximum flexibility. The open frame allows easy handling of the material and allows the operator to intervene manually during processing.



H – Closed frame

H machines stand out for their closed and compact frame, designed to ensure maximum strength, safety, and precision during splitting. Available in manual, automatic, or semi-automatic versions, they offer high performance and versatility, even integrated into complete systems.



The C-Series machines are designed to offer the operator maximum accessibility thanks to their open gooseneck frame. This design facilitates manual or powered conveyor positioning of materials, making repositioning and rework operations easier.

Designed to work with shapeless materials, they easily handle irregular stones and concrete blocks, thanks to the mechanically adjustable blades that always guarantee precise splitting.

They are the ideal choice for customers who are looking for versatility, direct visual control, and operational freedom, guaranteeing the quality of the final result.



C series



The C Series consists of single machines complete with a mobile and adjustable workbench, designed to ensure maximum flexibility and ease of use during splitting operations.

It is possible to integrate the machine with conveyor belts, both in single and hopper versions, to facilitate the loading and handling of the material.

Thanks to its compact and versatile configuration, the C Series is ideal for processing cobbles and wall stones, offering precision, speed, and efficiency, especially with irregularly shaped materials.

Trittico

The Trittico represents the natural evolution of the C Series, designed for the processing of large stones and irregular shapes. Thanks to the integration of the conveyor belts, the operator no longer has to manually lift or maneuver the blocks: the system handles the stone under the blade easily and safely, reducing the physical effort of the operator.



One of the main peculiarities of the Trittico is the absence of a workbench: it is the conveyors themselves that act as a support surface, allowing the stone to be moved back and forth during splitting operations.

The system is ideal for wall stones and for pre-splitting operations, in preparation for subsequent processing carried out with the C Series machines.

Available variants:

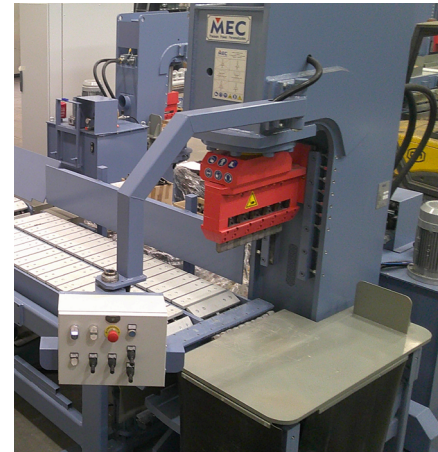
Trittico

Tilting and cushioned conveyor belts are both at the inlet and outlet, with the C Series machine in the middle.



Semi trittico

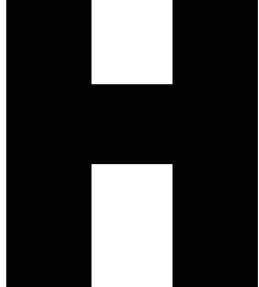
At the inlet, the conveyor belt is tilting and cushioned, and half of the bench is also tilting and cushioned, with the C Series machine in the middle.



Power trittico

Tilting and cushioned conveyor belts are both at the inlet and outlet, with the C Series machine in the middle. It features increased height and splitting power to handle even larger stones.





The H series machines are characterized by their closed, robust, and compact frames, designed to ensure maximum stability and safety at every stage of splitting. The side position of the operator and the continuous passage of material from one side to the other make the workflow smooth and efficient.

They are available in manual, automatic, or semi-automatic versions, with adjustable tools and customizable sizes (even over 3 meters), ideal both as stand-alone solutions and integrated into complete systems.

They are the ideal choice for customers who work with sawn stones, regular blocks, and are looking for precision, repeatability, and high productivity even on a large scale.



Px

PX machines are equipped with mechanically adjustable tools, making them particularly versatile in the treatment of sawn blocks, quarry layer surfaces, and irregular stones. Available in automatic and manual versions, PXs are ideal for processing any type of finished product, guaranteeing precision and quality at every stage.



P4

The P4 machine is equipped with mechanically adjustable tools and is distinguished by the presence of four blades: one lower, one upper, and two side blades. The splitting power is extended on the entire perimeter of the stone, allowing the production of stones of fine, thin thickness. The P4 works easily with sawn blocks and is available in both manual and automatic versions.



Ph

PH machines are equipped with tools with hydraulic adaptation, which allow individual adjustment of each tool by up to 5 cm. This ensures excellent quality of the finished product and a significant reduction in waste. Ideal for processing steps and beads, PH machines are manually operated, offering precision and control at every stage of the process.

Tesmo

When the required dimensions for PX, PH and P4 machines exceed 1.8 meters, the TESMO version can be opted for.

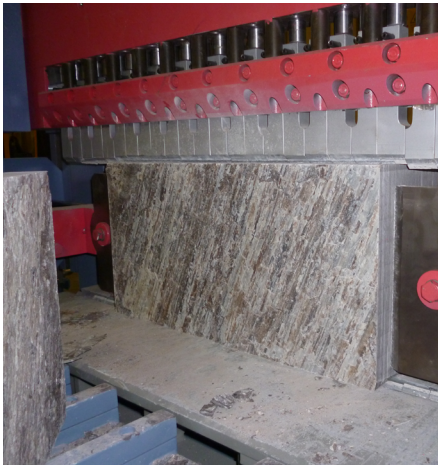
TESMO machines are made with a special assembly and disassembly system that makes them easily transportable and facilitates installation at the customer's site.

They also feature a large opening of more than 3 meters, ideal for working with large stones.

Px



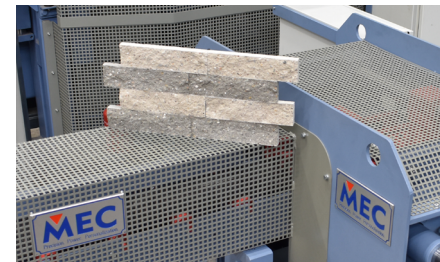
P4



Ph



Half



HALF is an automatic machine equipped with two horizontal blades, designed for splitting sawn stone, mainly with horizontal veins. The stone is opened along the horizontal section, generating two pieces: one with a rustic/split face, the other sawn.

An ideal solution for exposed installation or for the creation of natural and decorative coverings. HALF is made to the specific measure, with dimensions, power, and lengths customized according to the type of finished product desired, guaranteeing optimal and tailor-made results.

Kubo



KUBO is a small automatic system designed exclusively for processing sawn materials, such as strips and long-sliced stones. Ideal for the production of strips, small cladding tiles and cobbles, KUBO combines compactness, speed and precision.

3 models of different sizes are available, based on the strength and size required, to perfectly meet the customer's needs. Its high operating speed makes it a highly productive machine, perfect for customers who are looking for performance and reliability in small spaces.

Cutting

The FAST cutting machine is a line of machines designed for cutting any irregular stone and concrete, with maximum precision and efficiency.

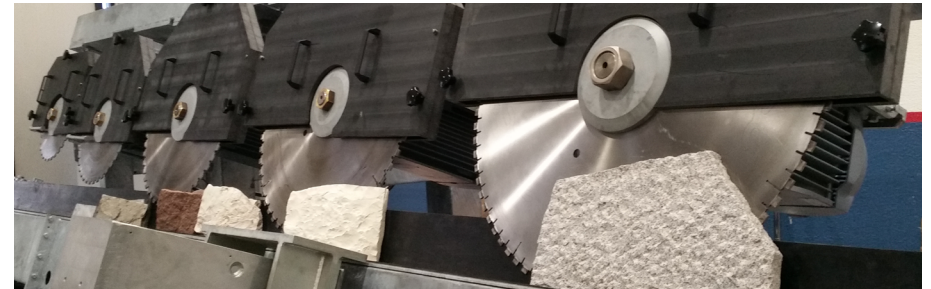


The material is cut by diamond blades arranged in a line, the number and diameter of each blade vary according to the customer's needs. It is also possible to integrate management software to store the cutting parameters according to the material, optimizing the time and quality of the work. Ideal for the production of cladding stones, thin veneers and more.

Fast 1-5



From 1 to 5 (or more) diamond blades, configurable according to customer specifications.



Fast + 1



The addition of a horizontal blade allows the production of the corner stones in a single run, perfect for covering stones and precise finishes.

Pitching

Pitching machines are designed to process sawn stone or concrete plates, giving them a more natural and rustic look. They work on both regular surfaces and previously split edges, creating aesthetic effects that are in high demand in architecture and design. They are available in manual and automatic versions to meet different production needs.

Ideal for making wall coverings, these machines operate on pieces of various sizes, making them visually authentic.

Horizontal T_1 - T_2

Machines for processing stone pieces sawn on all six sides.



T_1 is equipped with a splitting head with a horizontal blade that removes the surface layer from one side only. In two passes, the final result is obtained: a split-face tile with one sawn face and the other with a rustic look, perfect for natural and decorative wall coverings.



T_2 is the evolved version of T_1 , equipped with two splitting heads that work on both sides of the tile. In a single step, it transforms the sawn surface into rustic.

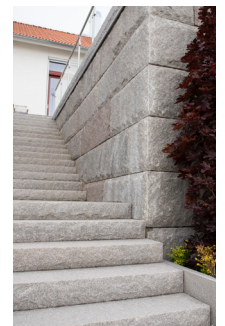
Side



Vertical machine with closed frame, equipped with four cushioned blades that finish the edges of previously split blocks.

By processing a single piece at a time, it guarantees maximum precision and control in operation. The result is an accentuated rounded effect, increasingly requested by architects and designers to enhance walls and coverings.

One



Fully automatic system for continuous edge finishing of stone blocks. It is equipped with four rotating heads that operate simultaneously, ensuring a homogeneous rounded effect with a great aesthetic impact. Ideal for those who need constant and high-speed production, without sacrificing the quality of the finish. Working in a continuous cycle, it is the perfect solution to optimize time and results in large-scale projects.

Crushing

Our crushing systems transform materials such as stone, concrete, glass, ceramics, agglomerates, and aggregates into reusable resources. They allow the reduction of the volume of waste and its recovery for road construction, street furniture, or the production of new products. An efficient and sustainable solution for the customers who work with stone and composite materials, attentive to the environment, and the optimization of resources.



Stark

Jaw crusher is ideal for the primary crushing of hard materials such as natural stone, agglomerates, glass, ceramics, and concrete. Thanks to the adjustment of the opening of the jaws, it allows to obtain different grain sizes according to the processing needs.



Crunch

Hammer mill for secondary crushing, equipped with a horizontal axis with free hammers. It allows a targeted refining of the ground material, thanks to the selection of different grids. The effect obtained is similar to that of sand: fine and uniform grain size.

Crushing lines



For the customers who need an integrated solution, we offer complete crushing plants, tailor-made to meet specific production needs.

Each line can consist of:
a loader belt for feeding the material, one or more crushers of the STARK series (for primary crushing) and/or CRUNCH (for secondary crushing), a conveyor belt for the handling of processed materials, and a vibrating screen for the final particle size selection.



These configurations make it possible to optimize the entire waste recovery process, ensuring continuity, efficiency, and quality of the output material.

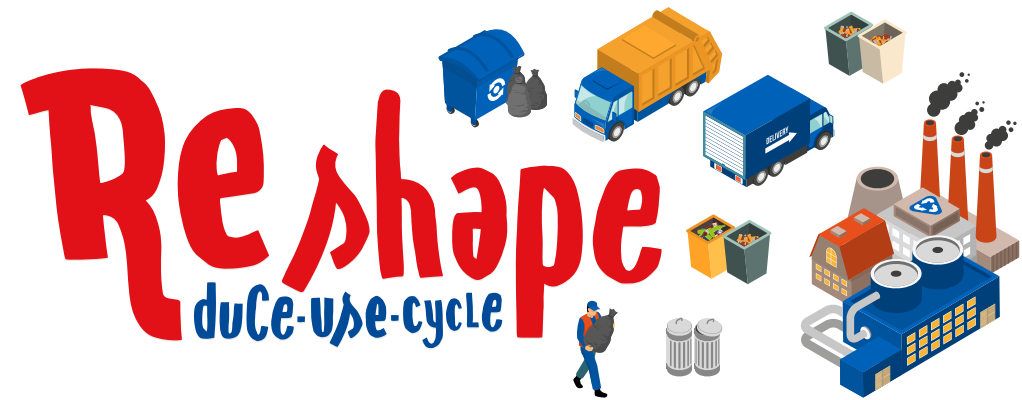


How do you handle your waste?

Whether it's construction residues such as concrete, bricks, natural stone, roof tiles, or other solid materials such as concrete pipes, glass panels, or mixed demolition materials, waste management is a daily challenge for many companies.

MEC technology: beyond the machine

Our technology represents a model of innovation, flexibility, and sustainability, designed to follow you towards a circular economy.



With MEC's new Re-Shape line, you can finally face it with the certainty of a tailor-made solution.

We don't just sell a machine, we offer custom technology built around your specific needs. We listen to your problems and design the right solution to optimize the treatment of your materials.

Find out how Re-Shape can turn your waste into resources.
Contact us for dedicated advice.

From theory to practice

Recovery of concrete forms

Materials: concrete forms

Solution: Tailor-made splitter

The concrete moulds are broken directly in the warehouse. Less space occupied, optimized transport, reduced disposal costs.

A mechanical, safe, and dust-free process.
More efficiency, less waste.



Intelligent slab overleft recycling

Materials: UHPC CLADIA®, GRC ZIP, sand, concrete, fiberglass

Walkthrough: Guillotine

A company in the prefabrication sector has given new life to concrete composite slabs. The materials are crushed and separated mechanically, ready to be reused as substrates or aggregates.

A simple but effective process that reduces CO₂ and waste.

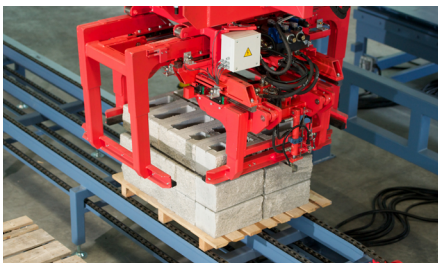
Handling

To optimize the positioning and flow of stone within processing plants, we offer handling systems designed to reduce operator physical effort, increase productivity, and ensure greater precision.



Manipulators

Manipulators are systems designed to precisely grip, hold, and position stone under splitting blades.



They allow forward and backwards movements and can rotate the stone, ensuring accurate alignment for optimal processing. They can be manual or fully automated, and are tailor-made to perfectly adapt to the layout of the plant and the customer's production needs.



The main types include:

- ▶ at fixed clamps
- ▶ at rotating grippers
- ▶ self-centering clamp
- ▶ at fixed arms
- ▶ at rotating arms

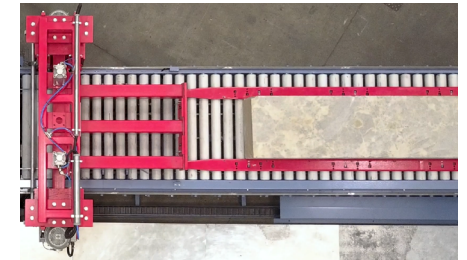
Pushers

When it is necessary to push the stone inside the system, pushers come into play, ideal for feeding blocks or strips, both in manual and automatic systems. It is important that the back end of the block is regular or sawn to ensure proper feeding. They push the stone from one side to the other.



Key solutions include:

- ▶ Mechanical and pneumatic pushers
- ▶ with L-shaped scoop or struts
- ▶ integrated into automated feeders



Conveyor belts

For fast, safe, and effortless handling, we offer a wide range of conveyor belts, which can be used both in combination with splitting machines and as stand-alone elements.

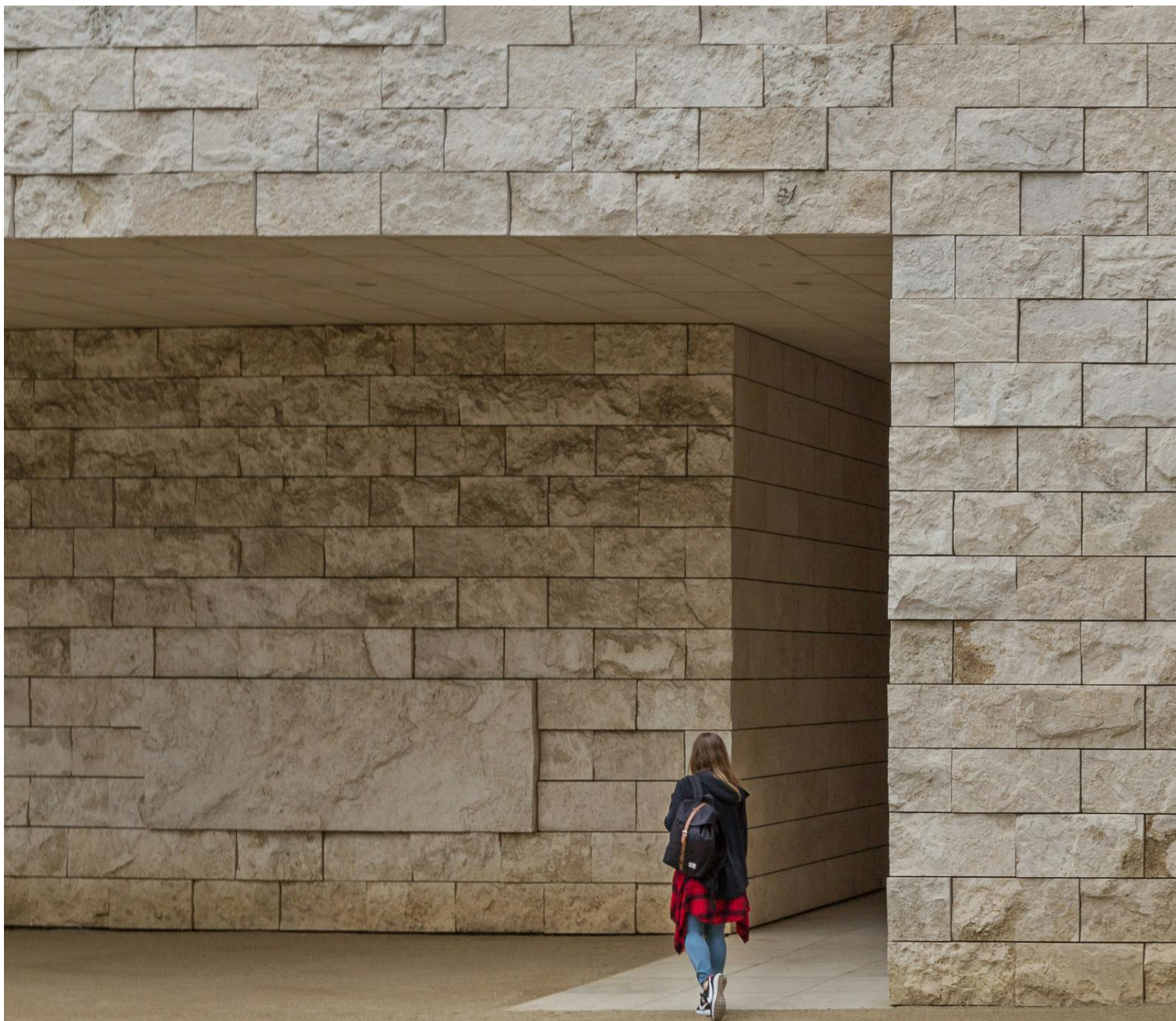
They significantly increase the productivity of the system, reducing processing times and lightening the operating load on the operator. They are available in manual or automated versions, and fully customizable in length and width.



Available types:

- ▶ hopper
- ▶ steel slats
- ▶ chain
- ▶ rubber
- ▶ roller, idler or powered





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