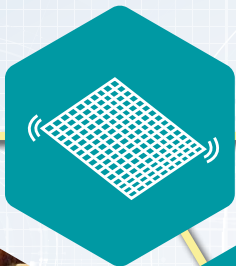


SAWMILL TECHNOLOGY

The professional way to treat sawmill by-products



Screening
technology



Conveying
technology



Storage
systems



Chipping
systems



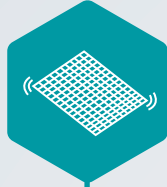
Rudnick & Enners

Maschinen- und Anlagenbau GmbH

INDIVIDUAL PLANT CONCEPTS

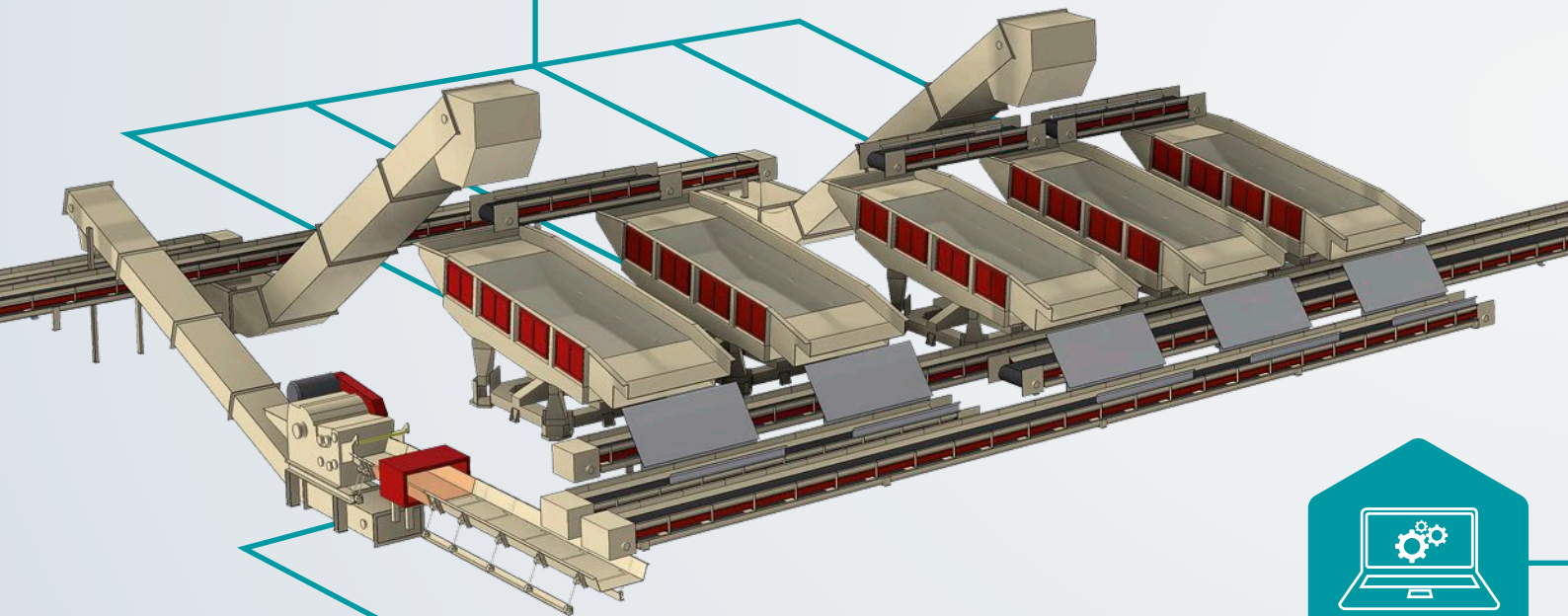
Rudnick & Enners develops, produces and installs machines and whole plants worldwide. The machinery is scalable and designed individually in close cooperation with the customer.

Rudnick & Enners Maschinen- und Anlagenbau has been your qualified partner for small, medium and large sawmills since 1977.



Screening technology

Rudnick & Enners rotating screens are the efficient solution for your screening requirements.



Chipping technology

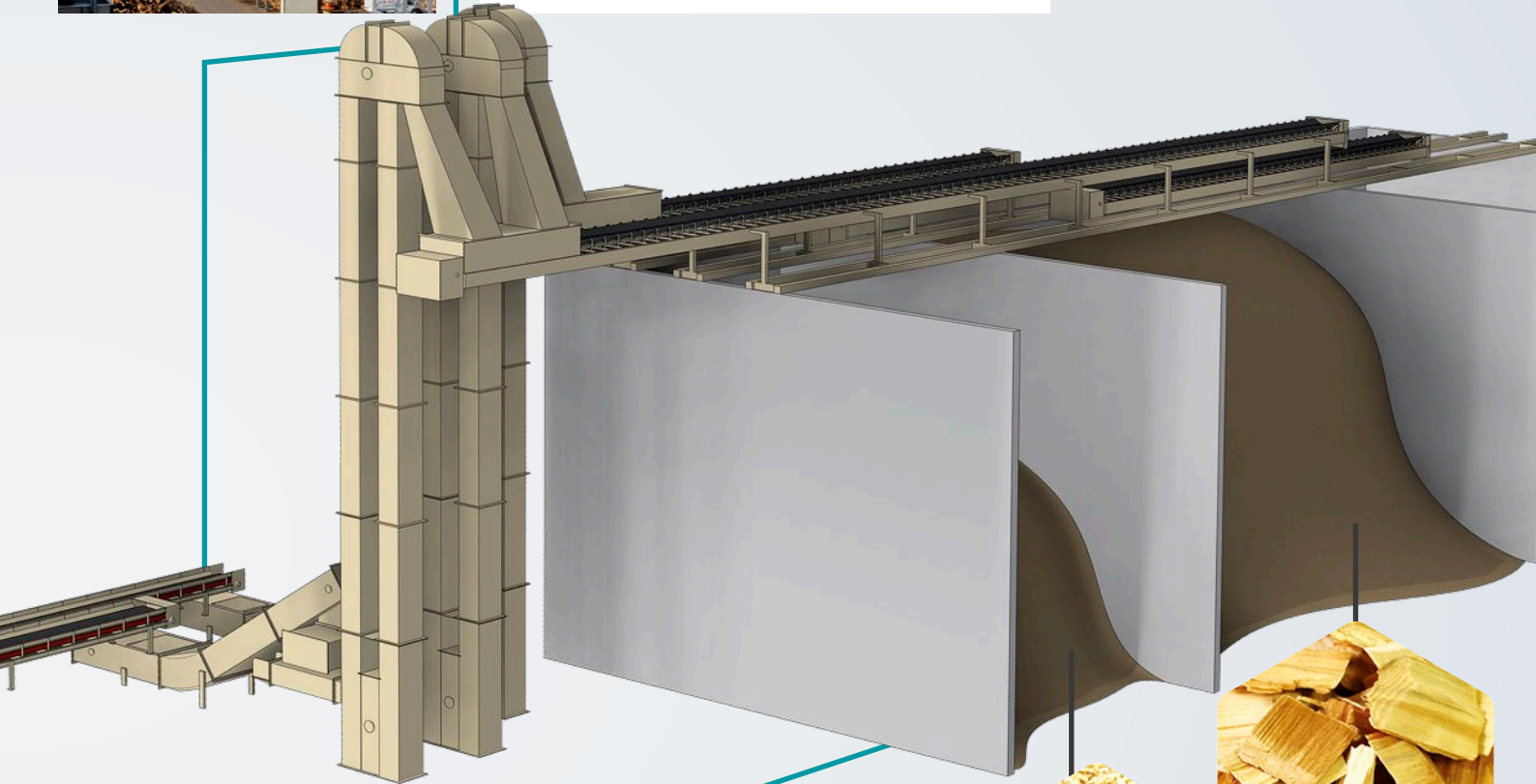
Rudnick & Enners Drum Chippers are designed to produce high-quality wood chips of your residual wood.





Conveying technology

Continuous transport of bulk material – even over long distances.



Process management

Integrated process visualisations and plant control systems from one source.



Sawdust



Wood chips



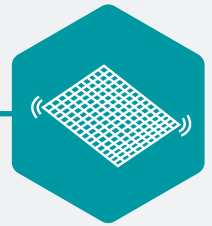
Storage systems

Individual feeding and discharging systems for your storage boxes.





SCREENING TECHNOLOGY



Rotating screener

Rudnick & Enners rotating screeners are the efficient solution for your screening requirements:

- Precise screening machine for the production of up to 4 fractions in only one single working operation
- Machine sizes with a screen surface from 0.5 to 15 m² per screen deck
- High throughput capacity with different materials



APPLICATIONS



Wood chips



Sawdust



Bark



Pellets



Waste wood



The **rotating screeners** are charged by **high-performance chain conveyors**.

The screener separates the material into several fractions on different screen decks.

APPROPRIATE SCREENING MACHINES

Drum screens

To classify bulk material in two or more fractions.



Vibrating screens

To transport and screen directly wood chips, sawdust or cross cuts.



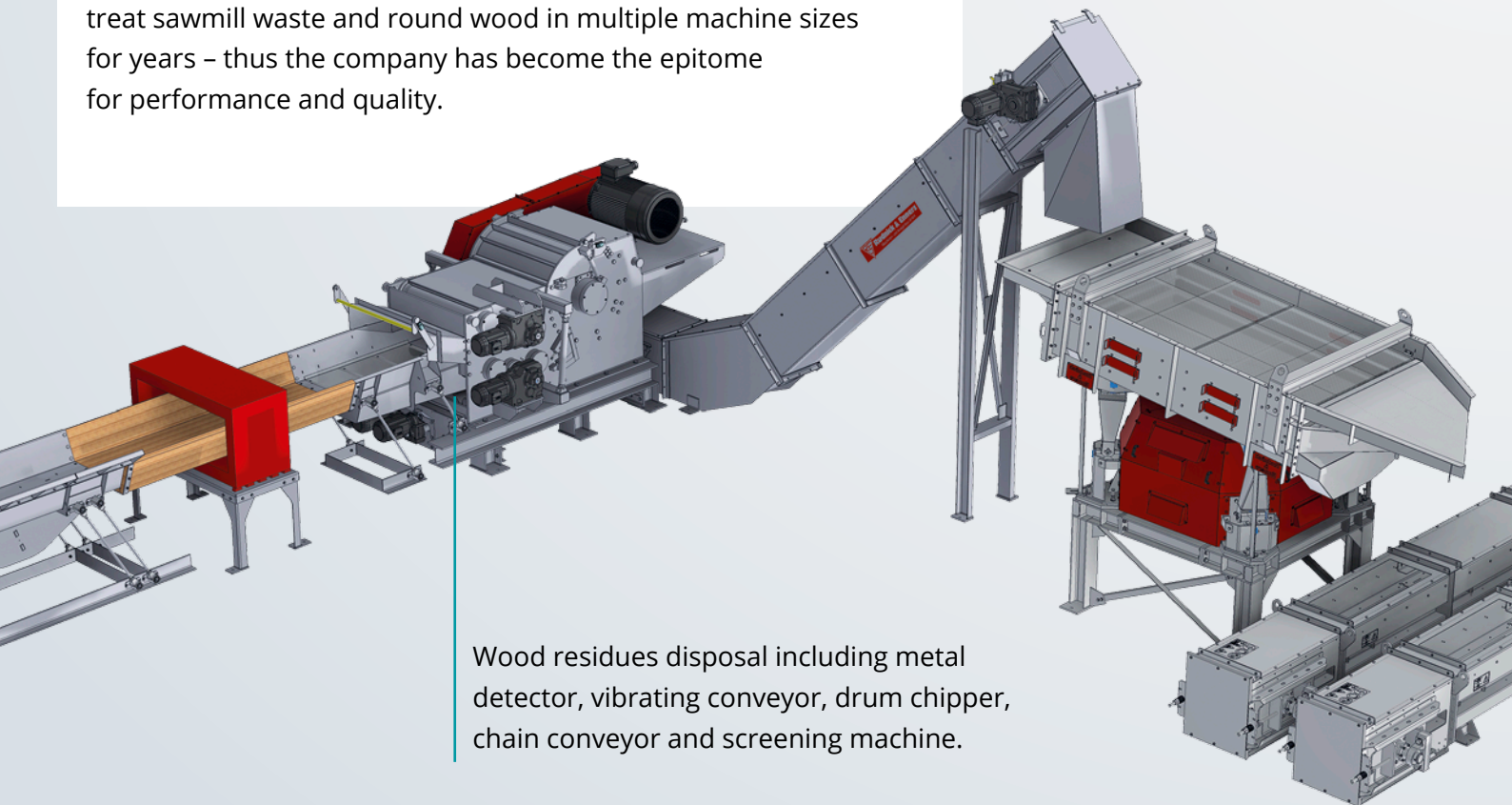


CHIPPING SYSTEMS



Drum Chipper

Rudnick & Enners has been designing drum chippers to treat sawmill waste and round wood in multiple machine sizes for years – thus the company has become the epitome for performance and quality.



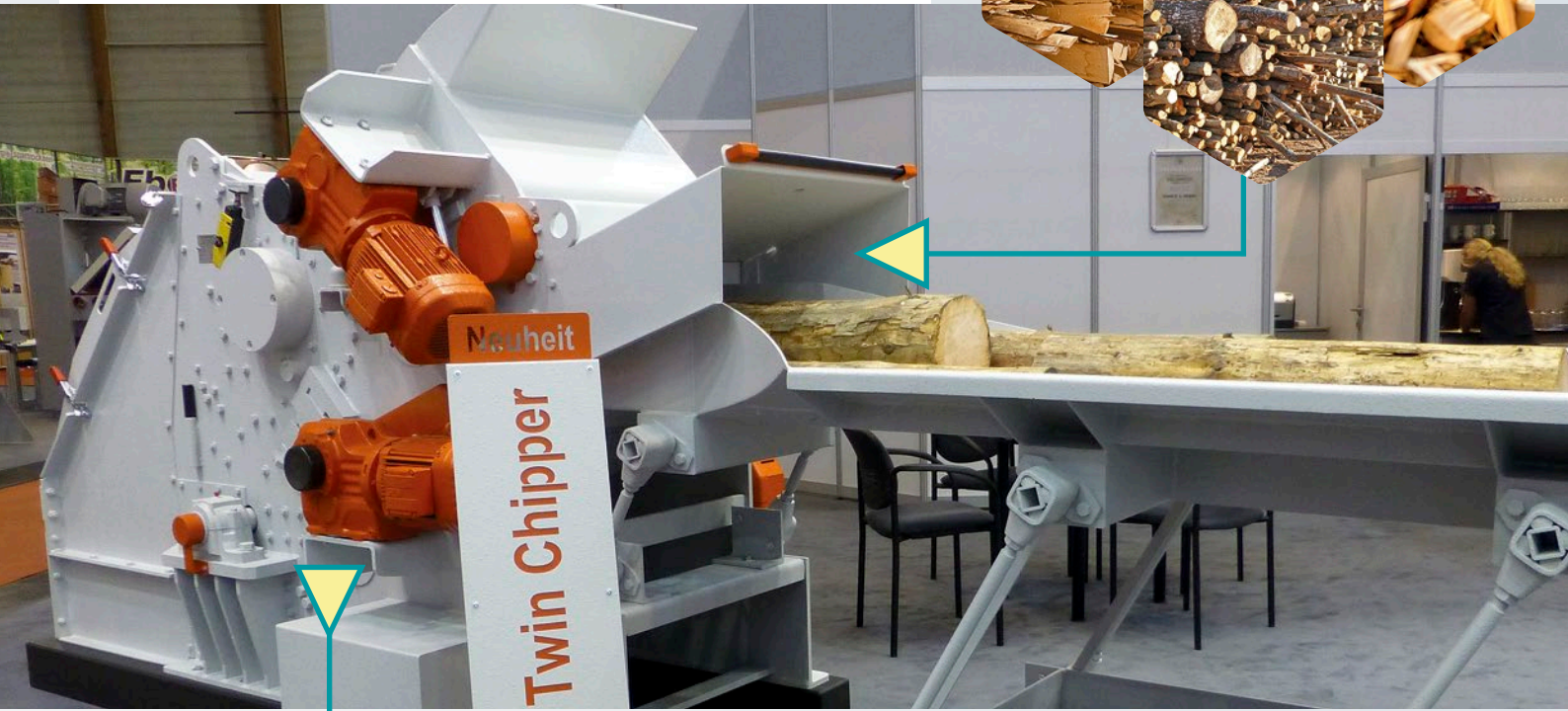
Wood residues disposal including metal detector, vibrating conveyor, drum chipper, chain conveyor and screening machine.



Input

Twin Chipper

Based on the new system of a multi-stage chipping machine, round wood, slabs or edgings can be chipped directly to a particle size that can be dried and / or directly pelletised.



Wood chips OR Sawdust

The **Twin Chipper** made by **Rudnick & Enners** ensures an efficient material treatment for subsequent production of pellets or briquettes, for example.

SPECIAL APPLICATIONS



Bark mills

to treat bark efficiently.



Residues recycler

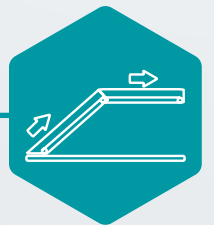
for crushing sawmill waste, pallets, and sections of glued laminated and construction solid wood.



Tube belt conveyors, loading station and silo technology manufactured by Rudnick & Enners – efficient transport solutions and storage logistics for your bulk material.



CONVEYING TECHNOLOGY



To transport your sawmill by-products appropriately, Rudnick & Enners provides various transport systems that are designed individually for your application.

- Vibrating conveyors / vibrating troughs and dosing conveyor
- Chain conveyors
- Bucket elevators
- Belt conveyors
- Screw conveyors







STORAGE SYSTEMS

Rudnick & Enners provides you with various storage systems to store sawmill by-products or other bulk material.



Automatic charging and discharging devices:

- Push floor units
- Moving-Floor systems
- Lifting and lowering conveyors
- Movable belt conveyor systems
- Railbound distribution systems
- Chain conveyors





RUDNICK & ENNERS

The company Rudnick & Enners GmbH looks back on a history of more than 40 years. Thanks to its specialisation in the development and manufacturing of the whole machinery and also individual components in the fields of sawmill technology, pellet plants and recycling, the company is characterised by a continuous upward trend.



Holistic approach

We support you with our professional expertise when it comes to new plannings, modifications or extensions of your production lines. We are committed to realise your project related with optimum production flows and complete recycling of all residual materials.



Long-term partnership

Rudnick & Enners' success is based on the long-standing and trusting cooperation with our customers! For more than 40 years, our customers have been appreciating our determination to find solutions on site, that we share our knowledge and our experiences with them and – last but not least – the high personal commitment of our employees!



PROCESS DESIGN AND ENGINEERING

Whether ambitious conceptual studies or challenging new projects relating to wood and energy – BSR Engineering is your confident partner with its expertise required for the first idea, the planning and realisation up to the start-up and final acceptance of your entire plant. Thanks to our knowledge of the market that we have acquired over decades, as well as our extensive technology range we are in a position to identify potentials from an initial idea and turn them into specific projects.

A SUITABLE SOLUTION FOR EVERY PROJECT.



Pelletisation

Complete plants providing a production output of approximately 800 to 60.000 kg/h pellets or more – since Rudnick & Enners delivers the entire machinery from one single source, the end user is provided with numerous benefits.



Briquetting

Rudnick & Enners delivers individual components, as well as complete plants in the field of briquetting.



Sawmill Industry

Rudnick & Enners supports you with individual solutions for chipping and fractionation through to the transport of the processed material. Our experience – your benefit.



Wood-based panel industry


Rudnick & Enners supports you with individual solutions for chipping with our large-scale chipping stations through fractionation to the transport of the processed material.







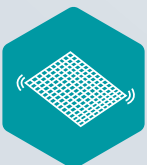
Biomass Treatment

Rudnick & Enners provides complete fuel stores, as well as transport and treatment systems. The entire fuel handling from one source reduces interfaces and thus provides numerous advantages for your company.



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Screening



Chipping



Storing



Conveying



Debarking



Drying



Pelletising



Controlling

www.rudnick-enners.com