



Your business is our business!

Belts for the Wood Industry

Ammeraal Beltech:

- knows your process
- for all your belting needs
- just-in-time delivery





Knowing your production process

Specialist in your industry

Within the wood industry, Ammeraal Beltech has been setting the standard for many years with a consistent high product quality and market specific features. Innovations over the years resulted in a wide range of conveyor and process belts to fulfil the specific requirements of the wood industry.

Ammeraal Beltech offers belting solutions for:

- › Sawmills;
- › Board manufacturers;
- › Furniture manufacturers;
- › Finishing lines.

Specific requirements

- › Prevention of antistatic loading – Antistatic belts
- › Potentially explosive environment – ATEX certified belts
- › Minimum downtime – QuickSplice and ZipLink® belts
- › Reliable operation – Seamless endless woven belts
- › Chemical attack – Linatex PU coated belts
- › Wear resistance – Polyurethane belt covers
- › Abrasion resistance – Rapplon® power transmission belts
- › High efficiency – uni modular belts



ATEX certified belts

- Materials in gas or dust form can become flammable or combustible even if they are normally not, which may create a potentially explosive environment.
- Equipment in these environments can only be used safely if complying with the ATEX Equipment Directive.
- Ask the Ammeraal Beltech experts for the current ATEX qualified belt range suitable to be used in most common potentially explosive zones.

Extended information on www.ammeraalbeltech.com



Sawmills

Grading, debarking, sawing, sorting and packaging are common processes in a sawmill. In today's sawing, sorting and packaging the wood is not touched. The processes are highly automated and modern milling equipment can be set to cut within a fraction of a millimeter.

The Ammeraal Beltech range of process and conveyor belting for sawmills assist in trouble free production. Reliable spliced belts and quick installation are possible with the QuickSplice splicing tools, ZipLink® belts and uni modular belts.

Splicing time with the QuickSplice splicing tool is approx. 7 minutes, while alternative methods used today need 45 to 90 minutes per splice. No crooked splices and thus no worn edges at the splice area. The splice is flat, will not open and is suitable for any running direction.

uni modular belts can be installed by simply modifying the current pulley:

- high efficiency by eliminating jams, line stoppages, and product damage;
- positive drive prevents mistracking;
- excellent positioning of shelves;
- transport on sloping planes, in dry and extremely wet conditions;
- impact resistance combined with excellent wear resistance;
- resistance to low temperatures.



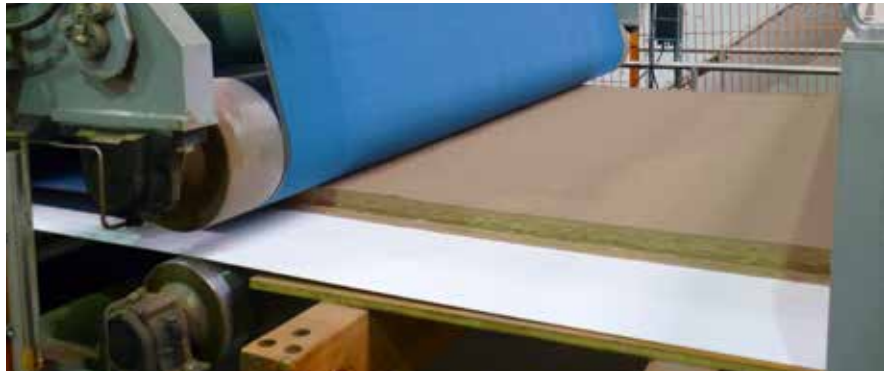
Achieve considerable cost savings: the unique ZipLink® and QuickSplice tooling kits are easy to use and do not need specific training. No specialised outside fitters required.



ZipLink® belts: reduce downtime

- Easy and quick joining system integrated in the tensile belt fabric.
- This system allows the belt user to replace a belt on the conveyor or just to replace a section of the belt without any use of vulcanizing materials or glue. No heating press required!
- Users no longer have to depend on external technical assistance.

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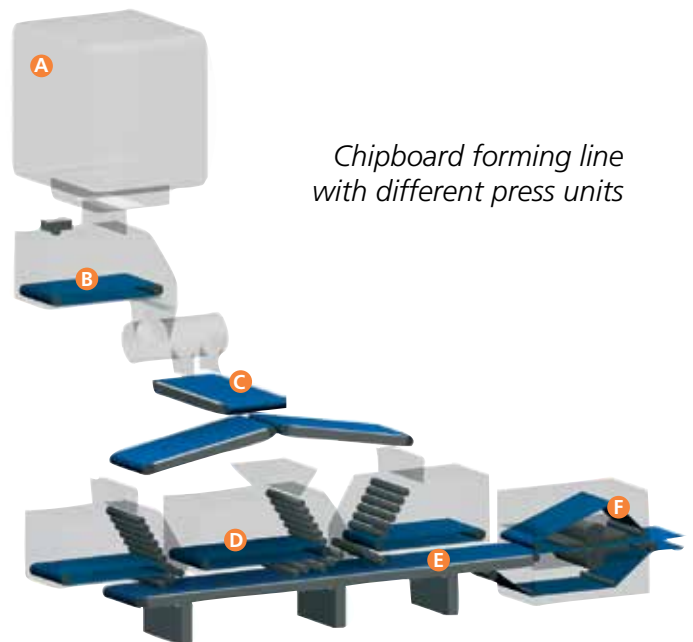
Panel Board

The panel board industry comprises a variety of branches: the chipboard industry and the woodboard industry. This information is focused on the chipboard production:

- › Particle board production
- › MDF production
- › OSB production

Ammeraal Beltech belting products reduce production losses. The high durability, reliability and abrasion resistance keep maintenance and belt wear to a minimum. Wear resistant cover materials give extremely good resistance against wood pulp, promoting extended belt life. Process and conveyor belts, endless woven belts and *uni* modular belts have been specially developed to ideally fulfil specific production requirements.

Chipboard forming line with different press units



- A Dry chip silo**
- integrated belt guides
 - antistatic and flame retardant properties
 - ATEX certified

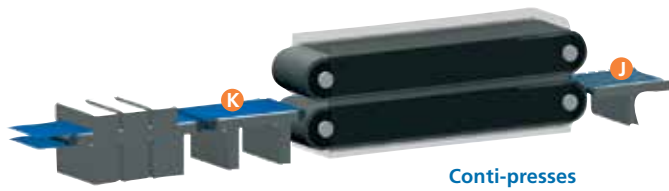
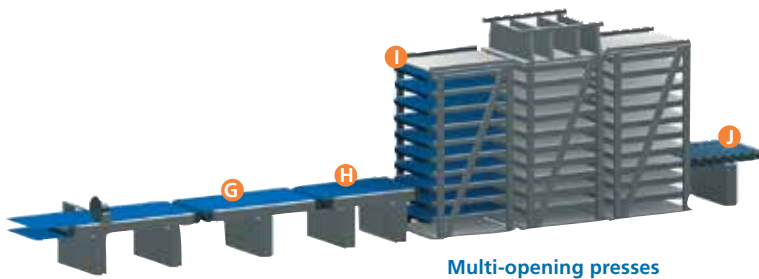
- B Belt scales**
- endless belts with constant mass per unit area
 - antistatic properties
 - ATEX certified

- C Feed belts**
- endless belts with constant mass per unit area
 - antistatic properties
 - ATEX certified

- D Mat-forming machine**
- antistatic properties
 - ATEX certified

- E Mat-forming belt**
- bottom belt antistatic properties
 - ATEX certified
 - non-stick easy to clean surface
 - suitable for high load and long conveyors, no re-tensioning needed





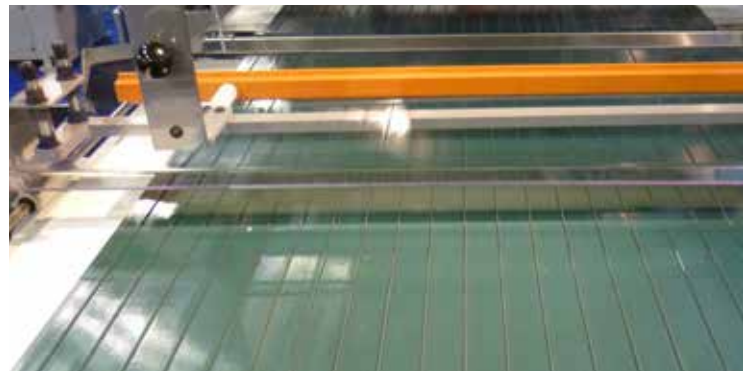
- F** Pre-press Pressure belts for high linear pressures:
 - aramide fabric for optimum working tension and strong splice
 De-airing belt:
 - antistatic properties
 - ATEX certified
- G** Acceleration zone
 - accelerating belt for standard requirements
- H** Transfer to feeding device
 - accelerating belt for standard requirements
- I** Feeding device/tray belts
 - endless woven with polyurethane or silicone coating for knife edge operation
- J** Finished panel transport
 - flat belts
 - timing belts
- K** Transport to conti-press
 - belts with silicone coating for high temperatures



Specialised belts, custom-made designs

- Positive drive, no belt slip.
- Thermoplastic and rubber covers in varying durometers and materials.
- Endless woven pre-press belts. The truly endless construction eliminates the risk of splice failure. With antistatic properties to prevent static loading.
- UV resistant belts.

Extended information on www.ammeraalbeltech.com



Furniture, 'finishing is key'

Finishing is the last and most important process in adding value to a wood component for interior use. Finishing lines have gone through considerable changes in the last decade. The introduction of ready-to-assemble (RTA) furniture started a significant change, including large scale automation.

Key applications in finishing lines, such as grinding, polishing, lacquering and UV drying require reliable and high quality process and conveyor belts. Ammeraal Beltech is a leading supplier with years of experience in all applications.

Wood grinding and polishing

Special grinding belts with large diamond profiles are available with all kind of thermoplastic PVC and rubber covers. Also the unique Ziplink® solution can be executed with these profiles.

Lacquering

Strict laws focus more and more on the reduction of pollution. The control of the relationship between solvents and lacquer consumption is crucial. Polikleen covered belts are the solution for water based paints, paints on solvent basis or glue.

- Very easy to clean surface
- Excellent chemical resistance
- Good wear and abrasion resistant
- High lateral stability
- Antistatic properties
- ATEX certified belts (category 2)
- Thermoplastic (in-house) splicing

UV Drying

One of the main challenges in UV drying is to find a belt which can withstand the UV radiation. A special polyurethane cover Ropanyl with shore hardness D60 meets all requirements:

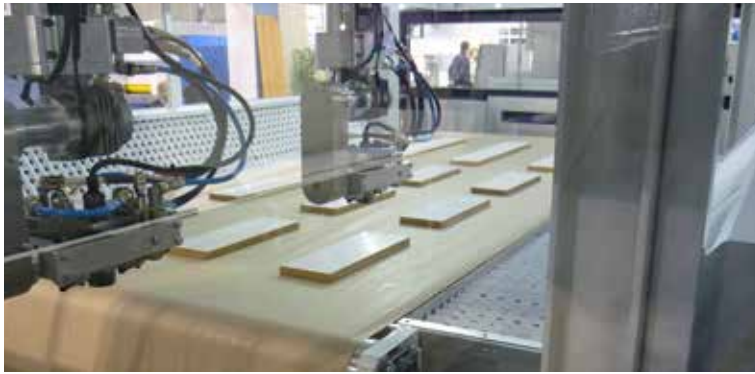
- Good UV resistance.
- Hydrolysis resistant.
- Temperature resistant.
- Wear resistant hard top cover.
- Antistatic properties.
- ATEX certified.



uni modular belts with integrated rollers

- Excellent positioning of furniture, flooring, or shelves.
- Positive drive prevents mistracking.
- Impact resistance combined with excellent wear resistance characteristics.
- High efficiency by eliminating jams, line stoppages, and product damage.

Extended information on www.ammeraalbeltech.com



Just-in-time delivery

Ammeraal Beltech is one of the world's leaders in process and conveyor belting with a worldwide distribution and service network in more than 150 countries.

A solid combination of geographical coverage, market segment knowledge and product management is the foundation of an innovative and service-oriented organization.

To ensure that you are able to manufacture undamaged quality products, Ammeraal Beltech offers you the best buying power: a comprehensive product range of modular and synthetic belting, all to improve productivity, safety and efficiency in your industry.

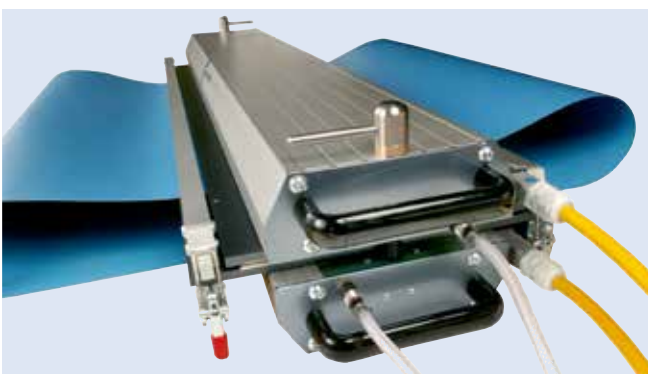
one-stop-shop

local stock

quick belt replacement

short delivery time

24/7 service



Excellent advice, service and fabrication

- Ammeraal Beltech developed a wide range of belting and accessories to assist and improve processes to secure a seamless operation.
- Skilled personnel are on call to install and service belts using high speed modern equipment.
- Most orders can be dispatched directly from stock.

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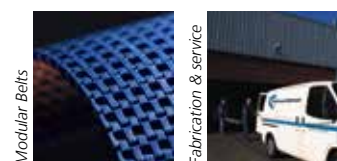
Conveyor Belts

Timing Belts



Seamless Belts

Transmission Belts



Modular Belts

Fabrication & service

... and 150 more service contact points at www.ammeraalbeltech.com