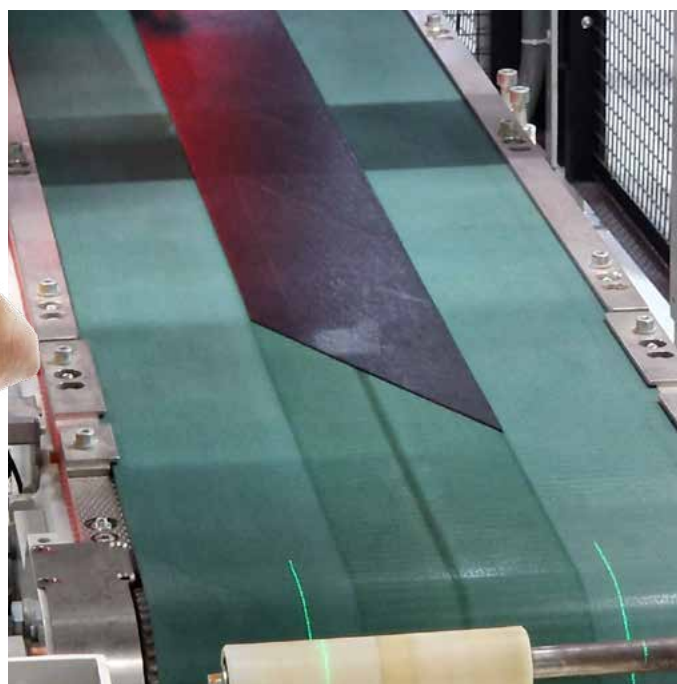
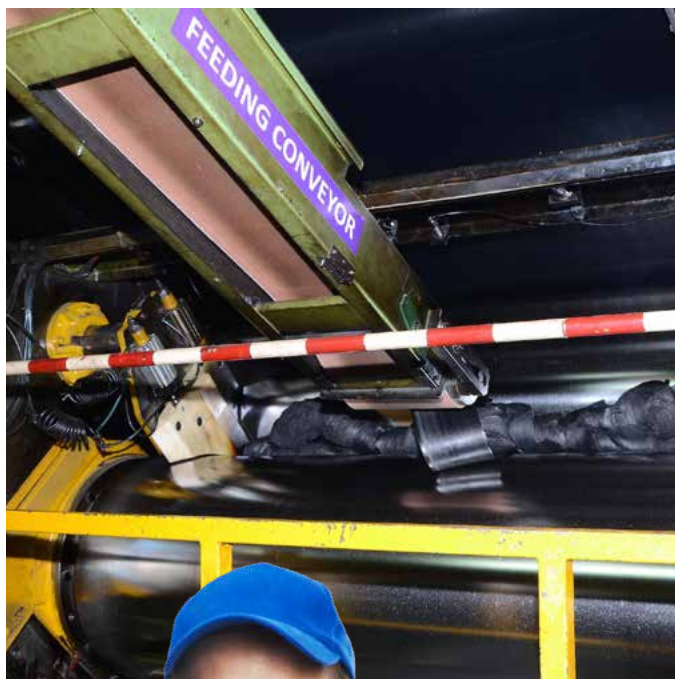


Belts for the Tyre Industry



WELCOME TO AMMERAAL BELTECH

Established in 1950, Ammeraal Beltech is a global product brand, known for high-quality and high-performance lightweight process and conveyor systems.



13
+170



PRODUCTION SITES IN EUROPE,
ASIA AND AMERICA



CUSTOMER SOLUTION CENTRES

Our extensive product portfolio is available globally in over 40 countries and 170 locations to support our OEM and SEM clients' businesses in their sustainability efforts.

After decades of growth, Ammeraal Beltech continues to excel with a diverse portfolio of comprehensive conveyor belting and product handling solutions for all industry segments.



Innovation & Service in Belting

On-site Service

We understand the importance of keeping business operations running smoothly and we know how costly and disruptive downtime can be. That is why we offer a local service network, available around the clock and able to install and service the entire range of the Ammeraal Beltech product portfolio.

Innovation

Ammeraal Beltech is continuously developing to meet new challenges:

- Higher operating speeds and temperatures
- Increased durability
- Optimised balance between release properties and grip
- Reduced energy consumption
- Lower total cost of ownership

Customisation

Our belting solutions are customised to meet customer requirements. We support our customers with project and belt analysis, belt selection, belt calculation and tests and of course installation.

24/7 Service

In addition, we ship most orders directly from our extensive stocks. If requested, we can even dispatch orders on the same day by express delivery.



Specialist in your industry sector

Within the tyre industry, Ammeraal Beltech has been setting the standard for many years with consistent high product quality and market specific features. Innovations over the years, and close co-operation with tyre and equipment manufacturers have resulted in a number of new concepts.



Specific requirements

- High temperature resistance and excellent non-stick properties – **Silam Belts**
- Strong and wear resistant – **uni Modular Belts**
- Good coverage of anti-stick solution in dip tank – **uni OWL 66% Modular Belts**
- High efficiency in spray cooling applications – **uni SNB- 50% Modular Belts**
- High-speed cutting and splicing of steel and textile cord – **Ropanyl and Ropanol Belts**
- Highest precision in tyre building machines – **Ropanol, Ultrasync and Timing Belts**
- Easy and quick on-site installation – **ZipLink® Belts or Maestro Press**
- Superior release and excellent stability for long lasting liners – **Amwind Fabric Liners**
- Reliable intralogistics and sorting of tyres – **uni VRT belt and other Modular Belts**
- High grip of finished tyres on inclines – **Belts with Supergrip Profile or NPF Felt Belts**



*One-Stop Belt Shop
providing services and
solutions to help process
and convey an extraordinary
range of products.*



Ammeraal Beltech solutions

Ammeraal Beltech offers a wide range of belting solutions for:

- collecting, weighing and loading of chemicals and raw materials before the mixer;
- conveying of hot rubber compound;
- sandwich conveyor for open mill mixing;
- batch-off;
- feeding of extruders and calenders;
- hot and cold downstream part of extrusion lines incl. cooling of the extruded rubber;
- cutting steel or textile cords;
- liners for winding systems;
- servers at tyre building machines;
- green tyre storage;
- intralogistics for green and finished tyres;
- collecting, inspection and sorting of tyres.



Scan the QR Code
and discover more
on our website!



WE MAKE YOUR BUSINESS MOVE



Step

1.

Mixing

Ammeraal Beltech is able to offer a full range of high quality, lightweight Conveyor Belts in silicone, rubber, PVC and PU material or modular belts for the mixing department.

A Weighing and loading

Fabric, Flexam Belts or Rubber belts

- Resistant belt surfaces and robust belt design ensure a long lifetime and smooth operation
- Easy to clean
- Good grip of raw materials on incline conveyors
- Different friction profiles available for chopped rubber pieces

uni M-QNB C Modular Belts, optional with Rubber Top

- Bi-directional belt
- ½" belt for small and secure bag handling
- Rubber Top option increases friction properties for incline applications

B Ropanol or Fabric Belts

- Good release of sticky rubber because of impregnated top surface
- Robust and wear resistant

C Batch off

uni OWL Modular Belts in PA 6.6 – GFH

- Open structure (66%) and low contact area (3%) for optimal coverage of the rubber slab with anti-stick solution
- Strong belt with stainless steel pins
- High temperature and wear resistant material
- Split sprocket available for easy retrofit

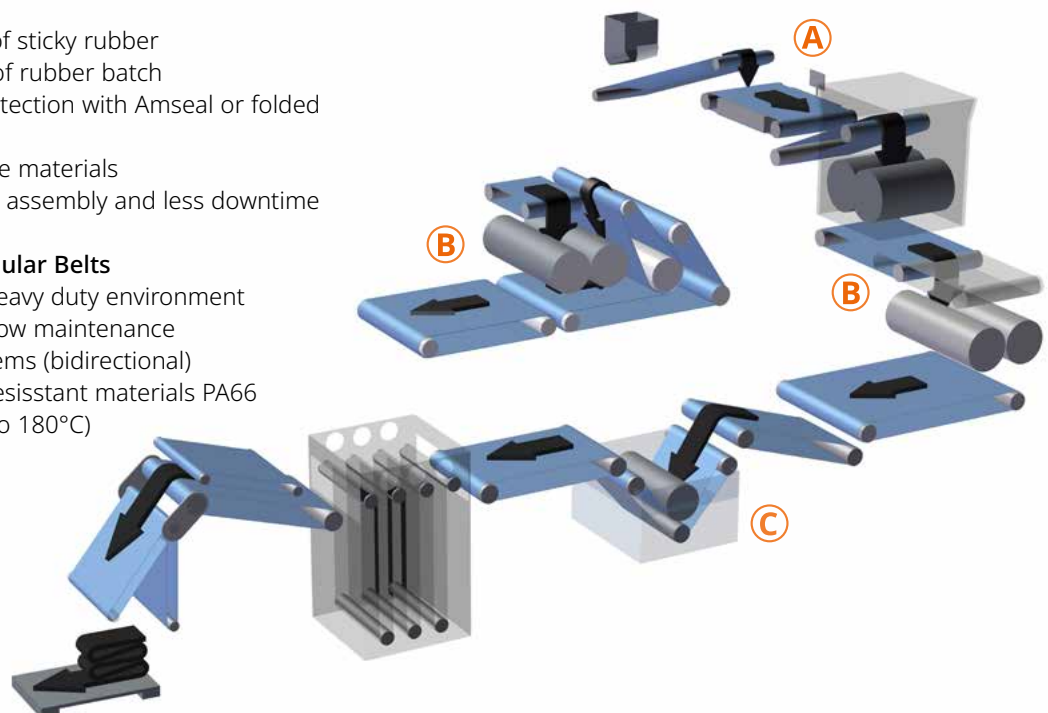
B Rubber mixing

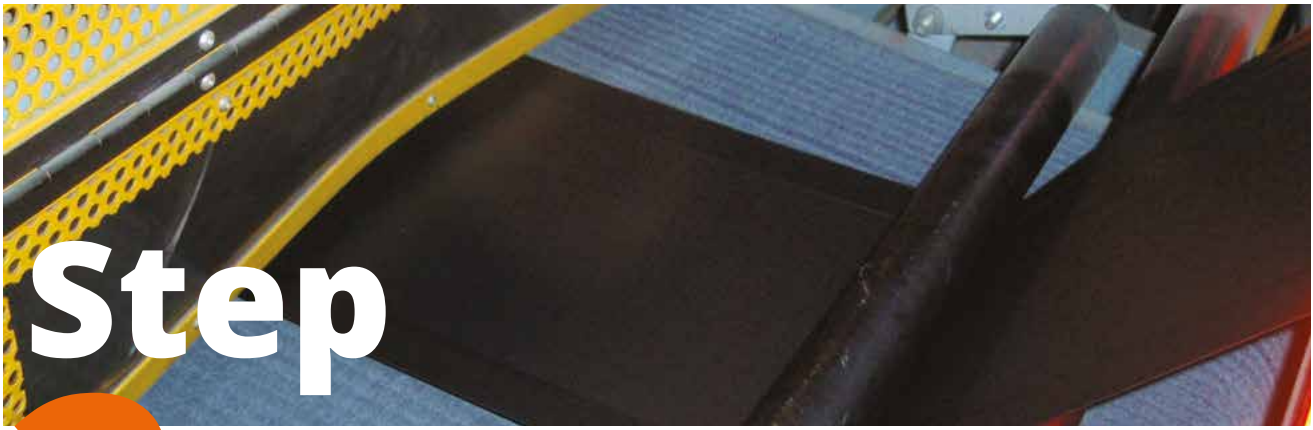
Silam Belts

- Excellent release of sticky rubber
- Improved quality of rubber batch
- Optional edge protection with Amseal or folded edges
- Heat resistant base materials
- Fasteners for easy assembly and less downtime

uni ITB or CPB Modular Belts

- Robust belts for heavy duty environment
- Long lasting and low maintenance
- No tracking problems (bidirectional)
- Optional in heat resistant materials PA66 or PA66 GFH (up to 180°C)





Step 2.

With the unique product portfolio of fabric based Process and Conveyor Belts, as well as uni Modular Belts, Ammeraal Beltech provides the best technical belting solutions for every step in your component preparation.

Component Preparation

A Extrusion

uni QNB C Modular Belts

- Strong, bi-directional belt for long conveyors
- Reduction of pulsation because of unique sprocket engagement
- Eliminating wear and increased friction properties for incline applications
- Long lasting and low maintenance
- No tracking problems (bidirectional)

Felt Belts

- Excellent friction on steep incline conveyors
- Cut resistant surface
- Good temperature resistance

B Cooling

uni SNB 50% Modular Belts

- Strong, bi-directional belt for long conveyors
- Truly 1" belt for lower polygon effect

- Very high opening for good cooling efficiency
- Reduction of pulsation because of unique sprocket engagement
- Unique lock-pin locking system enabling easy assembly and less downtime

C Calendering

Silam Belts

- Excellent release of hot feed strips, less jams
- Heat resistant base materials

Felt Belts

- Cut resistant surface
- Good anti-stick behaviour
- Good temperature resistance
- Cut resistant e.g. in crosscutter

D Cutting

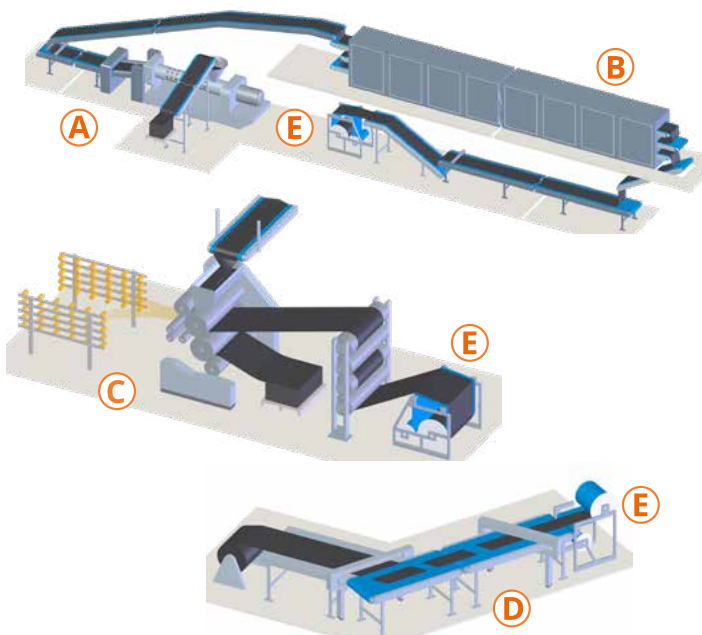
Ropanyl & Ropanol Belts

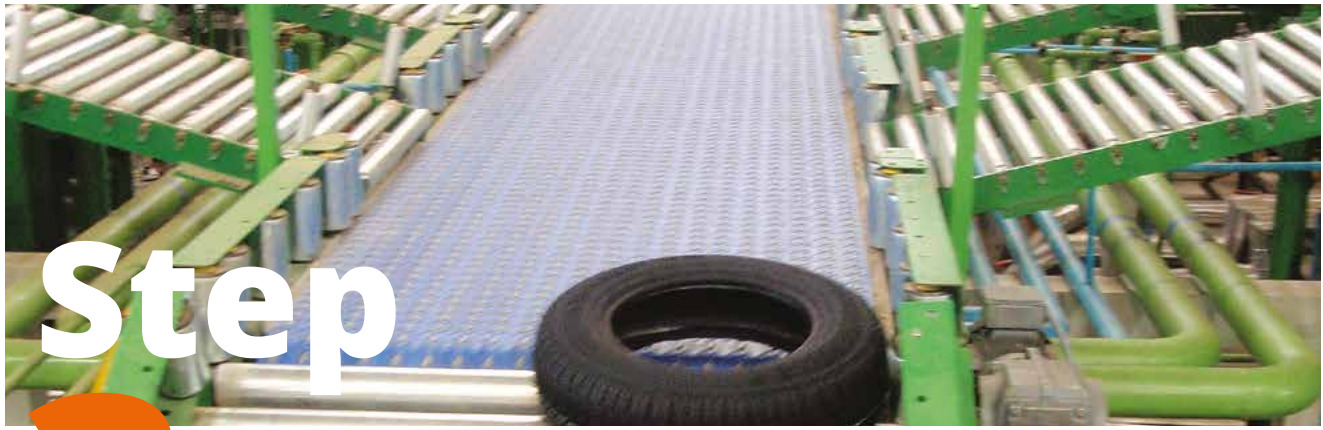
- Longitudinally flexible for easy transfer of rubber sheets between conveyors
- Easy release
- Strong belts for high acceleration
- High directional stability
- Abrasion resistant

E Winding

AmWind Liners

- Superior non-stick easy release properties through special PU impregnation and fabric surface structure
- Excellent lateral stability for a reliable winding process without causing folds and wrinkles
- Long-life, increased sustainability and reduced downtime
- Approved materials, zero contamination of rubber compounds
- Fused edges by ultrasonic cut prevent fraying
- Reduced scrap, higher productivity
- Reconditioning possible





Step 3.

Ammeraal Beltech is able to offer a full range of high quality, lightweight Conveyor Belts in silicone, rubber, PVC and PU material for every step of the finishing process.

Tyre Building, Curing and Final Finishing

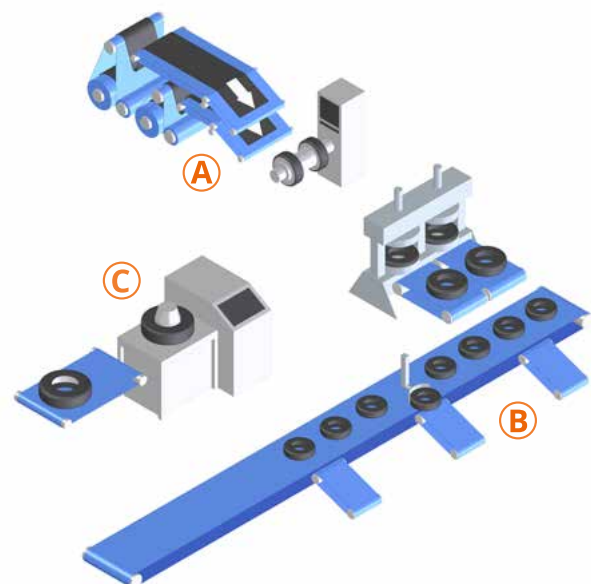
A Tyre building machines

Ropanol Belts

- PU impregnated top and bottom
- Excellent release of sticky rubber components
- Small pulley diameters for close transition points
- High directional stability

Timing Belts and Ultrasync Belts

- Synchronised and precise positioning
- Nylon fabric top cover with non-stick properties for good release of rubber components
- Nylon fabric on teeth for low friction and reduced noise
- Grip covers available
- Extra wide timing belts for width up to 500mm
- Ultrasync for width up to 1,000mm
- Splicing on site possible to reduce downtime



B Curing, Intralogistics and Final Finishing

C uni VRT Modular Belts

- Smooth and efficient tyre handling
- Versatile configurations possible
- For accumulation or side loading
- Inline or staggered roller arrangement
- For trench line, sorting and diverting
- Staggered pattern ensures a smooth product transfer with even more support of the tyres on the belt
- Excellent durability even in rough environment
- uni Lockpin® technology for fast and easy mounting and dismounting
- Environment friendly due to recycled materials

Flexam belts with longitudinal rib or supergrip profile

- Longitudinal rib for good grip of finished tyres on incline conveyors
- Supergrip profile for excellent grip of finished tyres on steep incline conveyors

- Gentle tyre handling to avoid damages
- Optional with low friction fabric made from recycled polyester as environmentally friendly solution

uni SNB 34% and uni QNB-C Modular Belts

- Strong, bi-directional belts
- Truly 1" belt for close transition points
- Reduction of pulsation because of unique sprocket engagement
- Unique lock-pin locking system enabling easy assembly and less downtime
- Maintenance friendly solution
- Optional Rubber Top for better grip on incline conveyors

Conveying Concepts of Safety, Sustainability and Energy Saving



Safety

The contact between a car and the road is only a small patch of rubber. The quality of the tyre must be high and homogeneous to secure safety. The plastics Ammeraal Beltech uses in conveyor belts are not contaminating with uncured rubber. Also material handling during the process reduces the risk of damaging the rubber. Selecting the right belt for each application contributes to the reduction of risks.



Sustainability

One of the corporate responsibilities is helping to ensure a healthy environment for current and future generations. Part of the innovations focus on development of recyclable materials and long lasting solutions. For manufacturing of tyres, you can choose these sustainable solutions to contribute to your environmental goals.



Energy Saving

Belt selection is a very important factor in saving energy, but not the only one. Three main factors influence power demand: motor efficiency, machine design and belt selection. Ammeraal Beltech therefore developed the 'Energy Saving Concept'. By choosing the right belt, optimizing the design of the conveyor and using the right drive, energy can be saved during daily manufacturing of tyres.



Excellent products, service, advice and fabrication

- Ammeraal Beltech offers a wide range of belting solutions and accessories to help you improve processes to secure a seamless operation.
- Skilled personnel are on call to install or repair belts, using professional equipment that is suitable for tyre production plants.



The digital era in splicing

With Maestro 2.0 splicing equipment, Ammeraal Beltech has leaped forward in the critical areas of the splicing process: high quality, efficiency, speed, precision, and ease of use. The compact design makes it easier to fit into a narrow installation area. **Its real strength? The connectivity!**

- Modern integrated new controller with HMI screen
- Bluetooth functionality to communicate with your mobile device through a dedicated APP.



Discover Your Local Contacts

The local partner of choice
for sustainable conveyor belting solutions
- around the globe.



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