

Belts and on-site service for the recycling industry





Knowing Your Production Processes

Growth **in the recycling industry** is due to increased awareness of both individuals and companies doing what is right to protect our environment. While metal is the most recycled material in the world, over the past 10 years the generation of paper, cardboard and plastic packaging has steadily increased creating urgent demands for more recycling processes.

Working closely with key OEM's throughout the world **Ammeraal Beltech has developed durable and reliable belting solutions** to address the entire range of applications found within solid waste recycling production processes.

Accepting the challenges collected through our customer interactions, Ammeraal Beltech's development team developed belts that are chemical attack resistant, flame retardant and oil resistant, require cut and wear resistance and meet the load requirement of heavy product transfer.

Recycling as one of the most important goals of our society

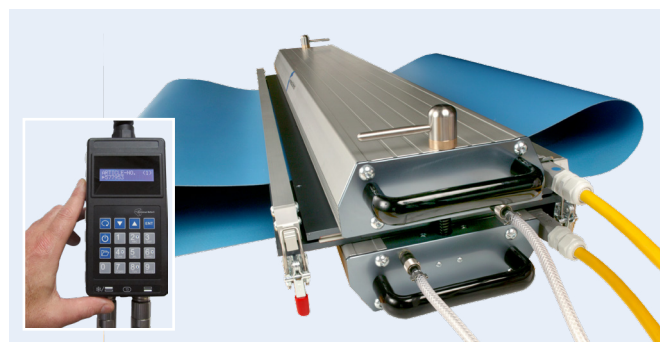
Recycling conserves resources. When we recycle, used materials are converted into new products, reducing the need to consume natural resources. It saves energy and helps protect the environment. This 'life-cycle' process of a material once again is known as a 'circular economy'.

Best in class on-site service



Excellent advice, products, fabrication and service

- 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 production plants.
- Most orders can be shipped directly from stock.

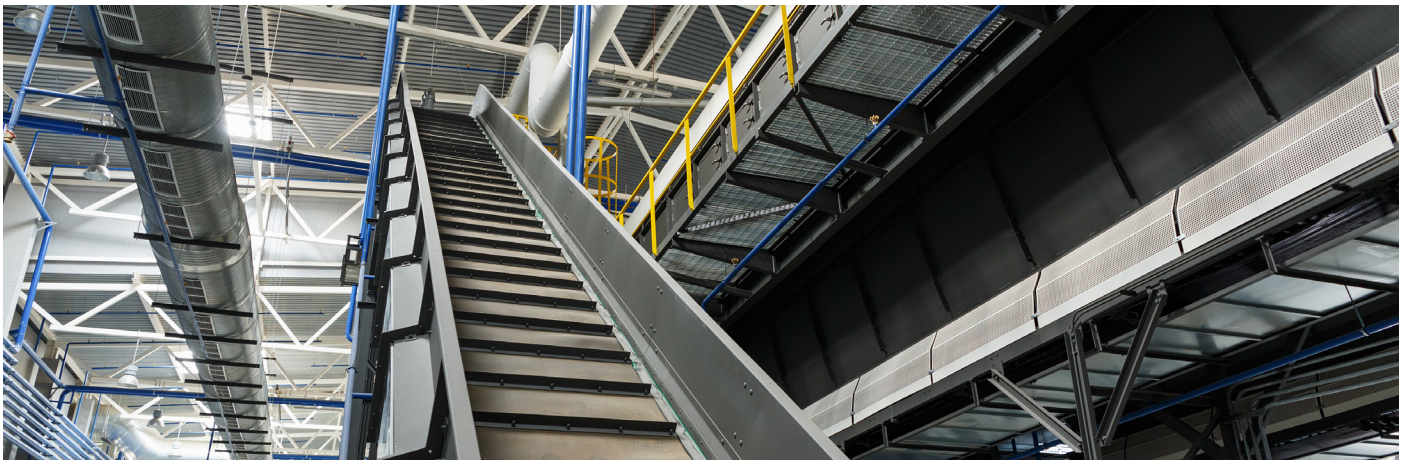


Quick, easy and precise belt splicing

With our expanded Maestro splice equipment range, Ammeraal Beltech has taken an important step forward in the critical areas of splice quality, speed, and precision.

Our new compact, hand-held, computerised splicing press control-box is the perfect complement to our Maestro press, and makes precise splicing as easy as 1-2-3.

Find out more: www.ammeraalbeltech.com



Why Ammeraal Beltech Solutions?

Advantages of lightweight belts



Energy Saving

- PVC & PU belts are way lighter than standard rubber, less energy is then needed to move the belt



Less maintenance cost

- As the belts are lighter, less constraints are apply on bearings, rollers, motors...

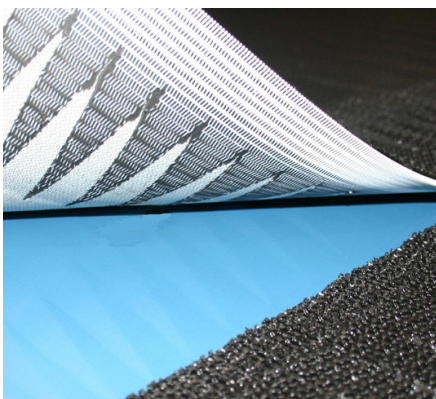


Shorter downtime

- The replacement and splicing of PVC / PU is faster than rubber, 20 min heating, 20 min cooling and ready to start

Advantages of Ziplock Method

Ziplock is ideal for applications where belt replacement time is an issue when the the time required to replace belts is crucial or in case of applications in inaccessible locations.
Only available for PVC or Ropan belts.



Increased operation time

- Minimum system downtime, belt installation in just minutes

Operational safety

- Silent splice, especially compared to mechanical fasteners
- No damage to conveyor or load on the belt
- Safe on-site installation, no heavy equipment needed

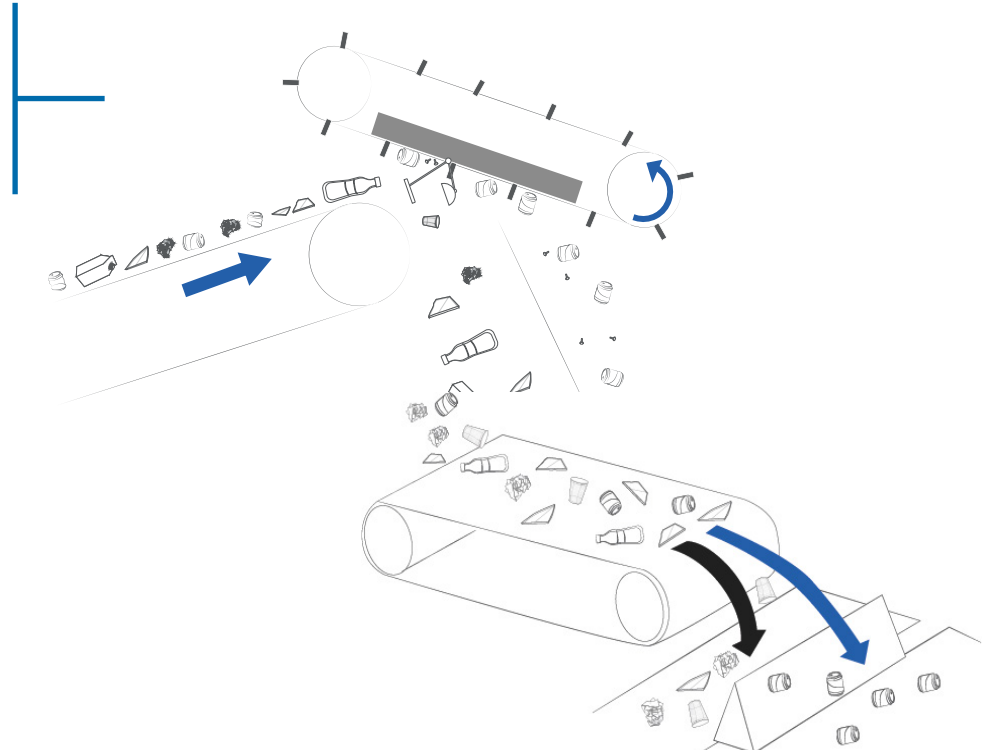
Economical use

- In-house splicing; no external belt installers required
- No need for splice presses, electricity, water, etc

Ammeraal Beltech Portfolio Will Bring You Performance and Productivity

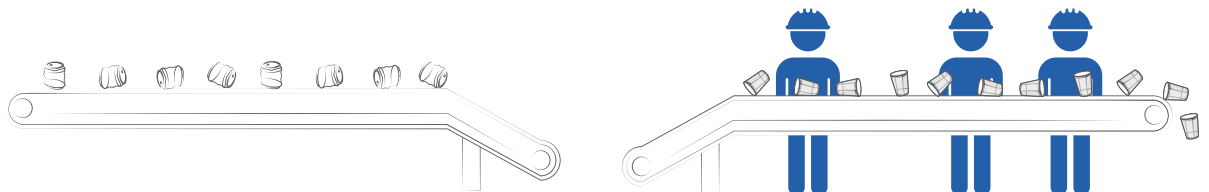
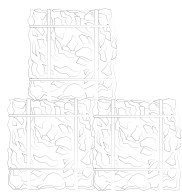
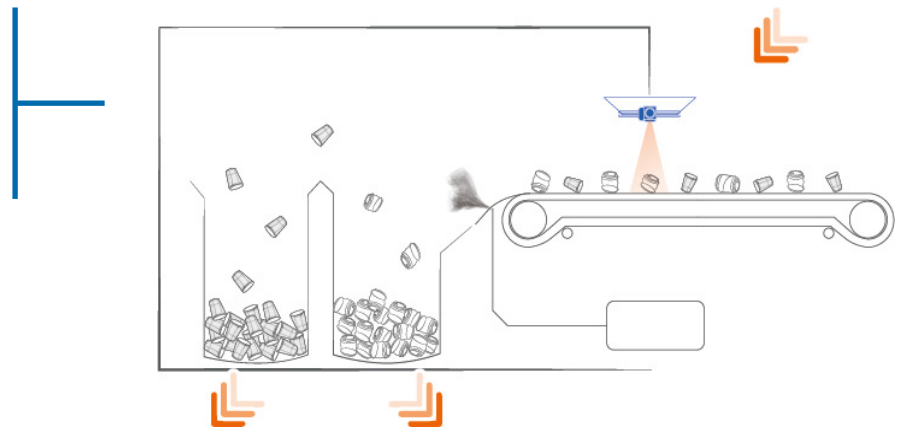
Overband & Eddy Current

PU belt named « Ropanyl » for higher abrasion resistance or « Ropan » for maximal life time.



Optical Sorter

PU belt named « Ropanyl » for optimal productivity and better sorting.



General Conveying

PVC belt « Flexam » or « Nonex » for oil and grease resistance.

Recommended Belts and Fabrication Options

Recommended Belts

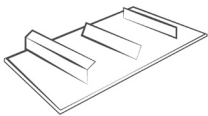
Article code	Article description	Belt Width [mm]	Belt thickness [mm]	Hardness [Shore A]	Weight [kg/m ²]	Force at 1% elongation [N/mm]	Temperature [C°]	Overband	Eddy Current	Optical Sorter	General Conveying
SBFL576601	Flexam EX 10/2 0+05 black M2 AS FR IR	2020	3,50	80A	3,7	10	-15 to +80				x
SBFL573230	Flexam EX 10/2 0+10 black AS FR	2020	3,00	80A	3,8	10	-15 to +80				x
SBNO570750	Nonex EM 15/3 01+10 black AS	2020	4,00	80A	4,8	15	-15 to +80				x
SBRY589733	Ropanyl EM05 10/2 01+07 black M1 AS	3000	2,50	92A	2,8	10	-20 to +90	x	x	x	
SBRY589734	Ropanyl EM 15/3 01+20 black M1 AS	3000	5,00	92A	6,2	15	-20 to +90	x	x	x	
SBRY589759	Ropanyl EM05 10/2 01+15 (PVC) black M1 AS	3000	3,80	92A	4,2	10	-20 to +90	x	x		
SBRP570920	Ropan EM 10/2 0+20 white	2020	4,50	80A	4,9	10	-15 to +70	x	x*		
SBRY589700	Ropanyl EM05 10/2 01 + 20 black M1 AS	3050	3,80	92A	4,4	10	-20 to +90	x	x	x	
SBFL575359	Flexam EM 10/2 01+07 black M1 AS NL	2020	2,50	70A	3,0	10	-15 to +80				x
SBVL589808	Flexam EM 15/3 01+10 black M1 AS	3000	3,80	80A	4,3	15	-15 to +80				x
SBMD000113	Elastoflex EM 25/3 01 + 20 black M1 AS	3000	5,00	65A	6,0	25	-10 to +70				x

NOTES

x* not suitable to provide with accessories

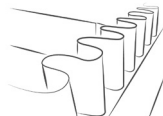
AS = Antistatic; FR = Flame retardant; IR = Impact resistant; M1 = Fine matt finish; M2 = Matt finish; NL = Non-logo

Fabrication Options



Cleats

Your belts can be accessorized with cleats for straight or inclined conveying. Different types are available, PVC or PU, reinforced or extruded, fat resistant or standard, our range is wide in order to adapt to your process.



Bordoflex

Very common on belt for Eddy Current, we have in our range PVC and PU bordoflex in various heights. This accessory will prevent products from falling into the conveyor mechanic.



Side-flaps

We can supply you with PVC, PU or felt flaps in the length and height you need. Felt flaps have multiple advantages, thanks to their conception they have great abrasion resistance and a low coefficient of friction.

Easy fastening solutions can be offered on request e.g. Ziplock and/or mechanical fasteners.

Custom request? Get in contact with Ammeraal Beltech experts!



Focus on High Speed Optical Sorter

The sorter compares objects to user-defined accept/reject criteria to identify and remove defective products and foreign material (FM) from the production line.

FEATURES	BENEFITS
PU belts, black colour and matt finishing	As the top cover is regular, we can easily detect the material
Smooth running and uniform belts thickness, even when joined	No vibration, no distortion to the identification of the optical sorter, even at high speed
Good longitudinal flexibility and less coefficient of friction on slider bed	Less energy consumption and reduced CO2 emissions
Excellent resistance to chemical and mechanical attack	Long life belts, cost saving
Light weight compared to rubber belts	Less energy consumption, motor downsizing, easy to be replaced, improvement safety/work condition



WE MAKE YOUR SUSTAINABILITY MOVE

As a member of Ammega Group, we are committed to becoming more and more responsible toward the world by reducing our impact on the planet by working on new technological raw materials made by partners using the most ecological sustainable technologies.



In 2023 AMMEGA's actions and practices in sustainable growth have been awarded a **Gold medal of EcoVadis**, placing our company in top of the rating.

The received assessment is a recognition of AMMEGA's improvements in business excellence, crucial information for all our stakeholders, and confirmation that our company acts responsibly and focuses on sustainability in every aspect of its performance.

We aspire to be the local partner of choice for sustainable belting solutions around the globe.



Discover Your Local Contacts

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

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Scan the QR code
and find your local
contact

