



Ammeraal Beltech

Circle Links

The concept of
sustainable thinking

WE MAKE
YOUR
BUSINESS
MOVE 

FOODTECH

Ammeraal Beltech Modular



Ammeraal Beltech Modular is a company with proud traditions for the production and development of plastic conveyor belts and chains. In order to secure the future for our customers and for ourselves, we have developed a concept that meets the new and upcoming requirements for circularity of products.

Let's just start where it began



Here is the result



Ammega group at a glance



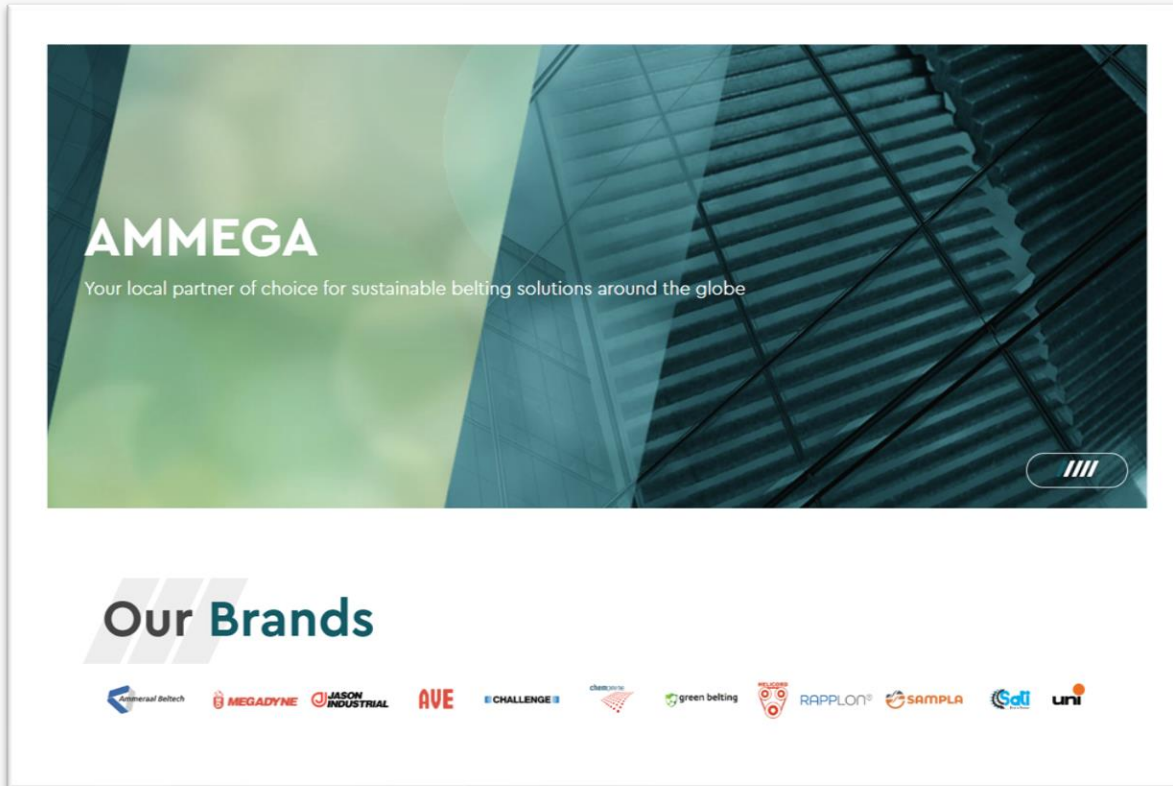
Above 6000 employees

21 manufacturing facilities

171 customer solution centers

Over 190 sites in total

50
industry
applications





Sustainability & Ammega

'We're on a journey towards a sustainable future.

We revise our plans as needed and always keep raising the bar'

Michael Wilhelmer, CSO of Ammega



We contribute

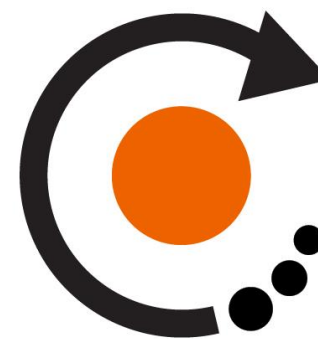
- ✓ **Going circular**
- ✓ **Saving CO2**
- ✓ **Transparency**

We act on ESG legislation and customer demand for sustainable solutions.
From scrap to new product.

We call this Circle Links

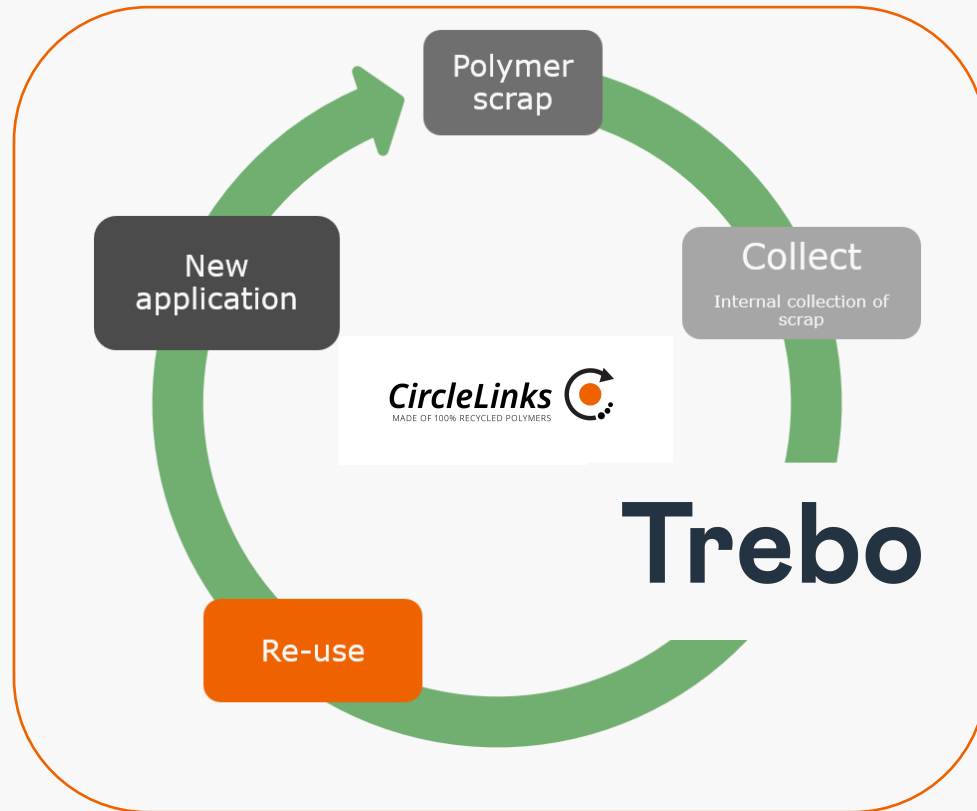
CircleLinks

MADE OF 100% RECYCLED POLYMERS



Circular business model

The sustainable model: Recycling plastic scrap to new belt



Life Cycle Assessment of a modular conveyor belt in virgin POM and a modular conveyor belt in recycled POM.

LCA result

77%

The recycled product has an 77 % lower CO₂eq impact than the BAU product system

Carbon dioxide equivalent

Virgin POM
7.97 kg CO₂eq

Recycled POM
1.81 kg CO₂eq

Circular recycling partner



Trebo

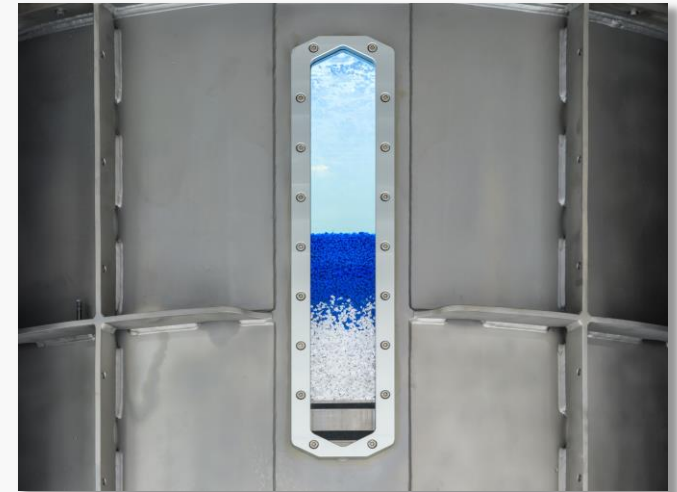
Use a **patented technology** for
plastic resins sorting

www.trebo.dk

Circular recycling partner



Trebo



Colour of the day is the new black 😊



As the Circle Link belt is moulded from 100% recycled material, no colour additives are added; thus, a specific color cannot be expected on the circle link band, but rather **Colour of the day**

'Since no color has been added, the belt has a grey-green colour, which I think visualizes that it is recycled material'

Lars Peter Helles, Technical supervisor
Smurfit Kappa, Kolding, Denmark

Testing Circle Links belts in more than 15 month

Get ready for a next level of sustainability with recycled plastic modular belts

- ✓ CO2 reduction; with LCA verification
- ✓ First mover; no alternative solutions in the market: become the sustainability leader in your industry
- ✓ Directly suitable for EU ESG reporting.



The new currency



We see this as the green loop where our belts are the the new currency...



Challenges and opportunities ...also in the food industry



**Visit Sustainable Corner
at Ammeraal Beltech in
booth K-8260 and
discover more...**



WE MAKE
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EN

CircleLinks
MADE OF 100% RECYCLED POLYMERS

Ammeraal Beltech

Series **uni JCB** Type **Y-Top**

Straight running belt
Nominal pitch: 25.4 mm (1.00 in)
Surface type: Y Pattern surface grid
Surface opening: 0%
Backflex radius: 25.0 mm (0.98 in)
Pin diameter: 4.0 mm (0.16 in)

*Recommended transfer roller diameters: ø50 mm (2.36 in)

	mm	in	mm	in
P (Nominal)	25.4	1.00	T	8.4
L	4.4	0.17	R	0.4

Belt material & color: POM CircleLinks
Pin material & color: PP B

*Color of the day: Hazy yellow

Note: The belt and SAFE WALK markers are made of 100% recycled material. Pins are not made of 100% recycled material.
*Color of the day: No color additives are added; thus, a specific color cannot be expected.
SAFE WALK markers will in Circle Links belt be in the color Hazy yellow.

Belt width	Permissible tensile force (Belt/pin material)		Belt weight (Belt/pin material)		Min No drive sprocket per shaft	Number of wear strips (min no)	
	mm	in	kg/m	lb/ft		Carry (pcs)	Return (pcs)
153	6.0	5355	1204	1.0	0.67	2	2
229	9.0	8015	1802	1.5	1.00	2	2
305	12.0	10675	2400	2.0	1.33	3	3
381	15.0	13335	2998	2.5	1.66	3	3
457	18.0	15995	3596	3.0	2.00	4	4
533	21.0	18655	4194	3.5	2.33	4	4
609	24.0	21315	4792	4.0	2.66	5	5
685	27.0	23975	5390	4.5	2.99	5	5
761	30.0	26635	5988	4.9	3.32	6	6
837	33.0	29295	6586	5.4	3.66	6	6
913	35.9	31955	7183	5.9	3.99	7	7
Standard increments in belt width: 76.2 mm (3.00 in)							
1978	77.9	69230	15563	12.9	8.64	14	14
Standard increments in belt width: 76.2 mm (3.00 in)							
2966	116.8	103810	23336	19.3	12.96	20	20

General belt tolerance is +0-0.4% at 23°C/73°F and 50% RH. For exact belt width contact Customer Service. Non standard belt width on request.
*Max. Load per Drive Sprocket. Belt material: POM-SLF 2300 N (S17 18).
**Max. Spacing between wear strips, Carry: 152.0 mm (6.00 in); Return: 304.0 mm (12.00 in).
***Full Carry way Support (FS) deck of wearstrip material recommended for safe walk belts.
□ = Single Link

uni CircleLinks
MADE OF 100% RECYCLED POLYMERS

LCA result of a modular conveyor belt in virgin POM and a modular conveyor belt in recycled POM. The recycled product has a 77% lower CO2 eq Impact in comparison with virgin material. [Download LCA verification](#) by Bureau Veritas HSE.

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ammeraal.com



If **Color of the day** is not desired, but instead a color that can be ordered again it is black links with hazy yellow SAFE WALK markers