

ATLATOS®

THE TIMING BELT



A BRAND OF **Bode Belting**
MEMBER OF INO GROUP



ATLATOS® THE PRODUCT OF OUR TEAM

ATLATOS® is not just any timing belt. ATLATOS® is aiming to be the best quality timing belt for the best price on the market.

This is based on a simple philosophy: ATLATOS® is a team product. Bode Belting brought together the best experts in the industry to use their decades of experience to develop intelligent and clever solutions.



Our modern production plant is the best evidence that high-quality, „made in Germany“ products do not have to be expensive. Developed under the leadership of Dr Dirk Paul Schaffstaedter, it addresses all the current challenges of modern timing belt production under one roof. The plant fulfils the highest quality standards and avoids unnecessary costs, such as long change-over times.

These intelligent technical solutions form the basis for cost-effective production, which is reflected in the best price for the best timing belts.

ATLATOS® is also focussed on flexibility in production, quick execution of orders, the top quality of our timing belts and comprehensive consulting know-how.

All of this means that ATLATOS® is not just another timing belt, rather:

ATLATOS® IS THE TIMING BELT



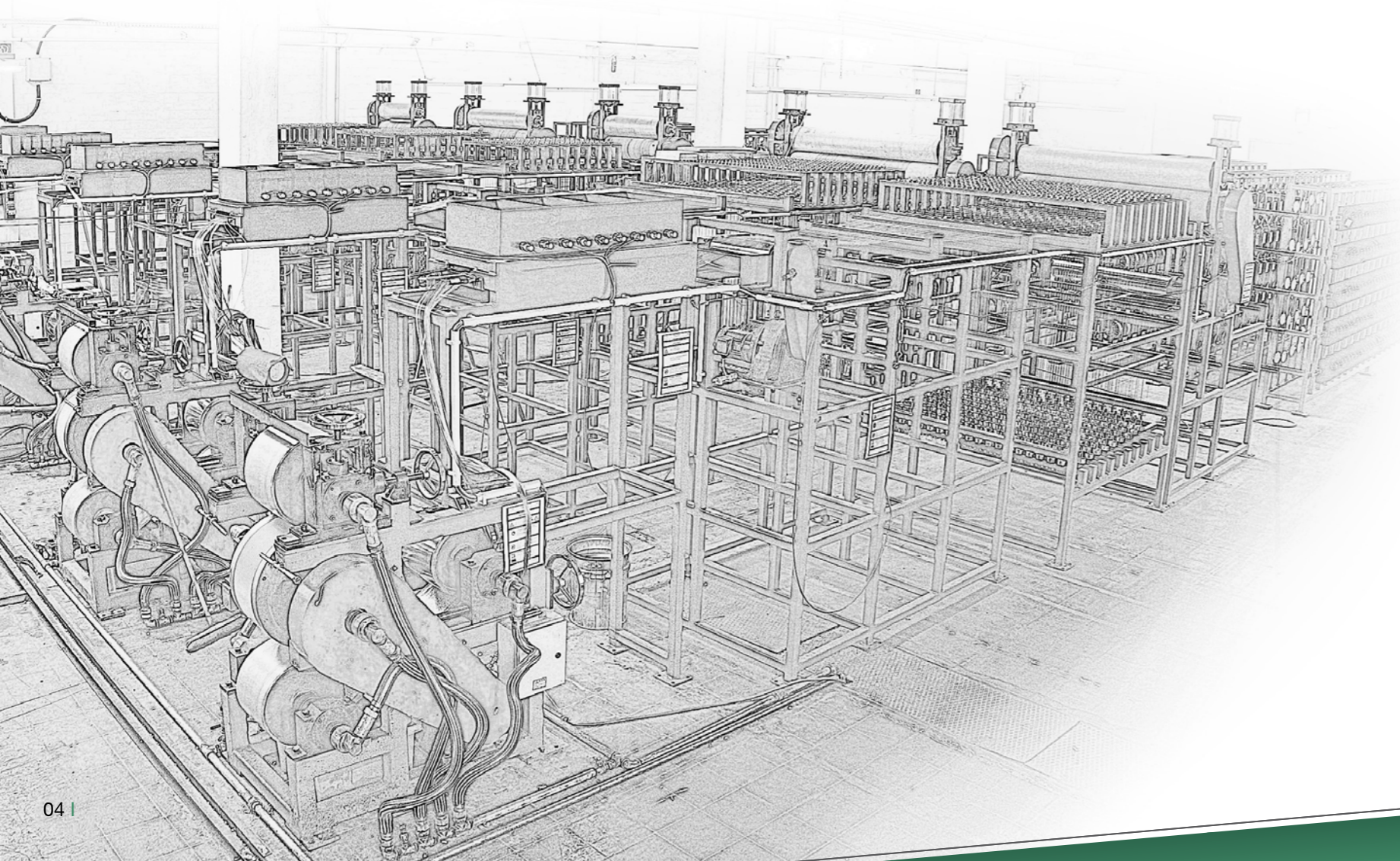
THE TIMING BELT MADE IN GERMANY

ATLATOS® – THE TIMING BELT, is made in Germany. And the production plant is also made in Germany: five production lines provide premium flexibility for both different tooth pitches and, notably, customised strand sections for the incisions.

The special ATLATOS® extrusion process offers optimal coating for the steel or Kevlar wires used, as opposed to customary production processes.

Our special wire tension control procedure during the production process guarantees the straight run of our ATLATOS® timing belt, even after it has been cut open.

Compliance with the standards for tooth pitches is ensured by metrological equipment that is integrated into the process. The flawless quality of our products is always ensured by the preparation and evaluation of a constant video log of both the toothed and back sides during the production process.



*Dr Schaffstaedter
developed the modern
production plant in Lauenburg.*



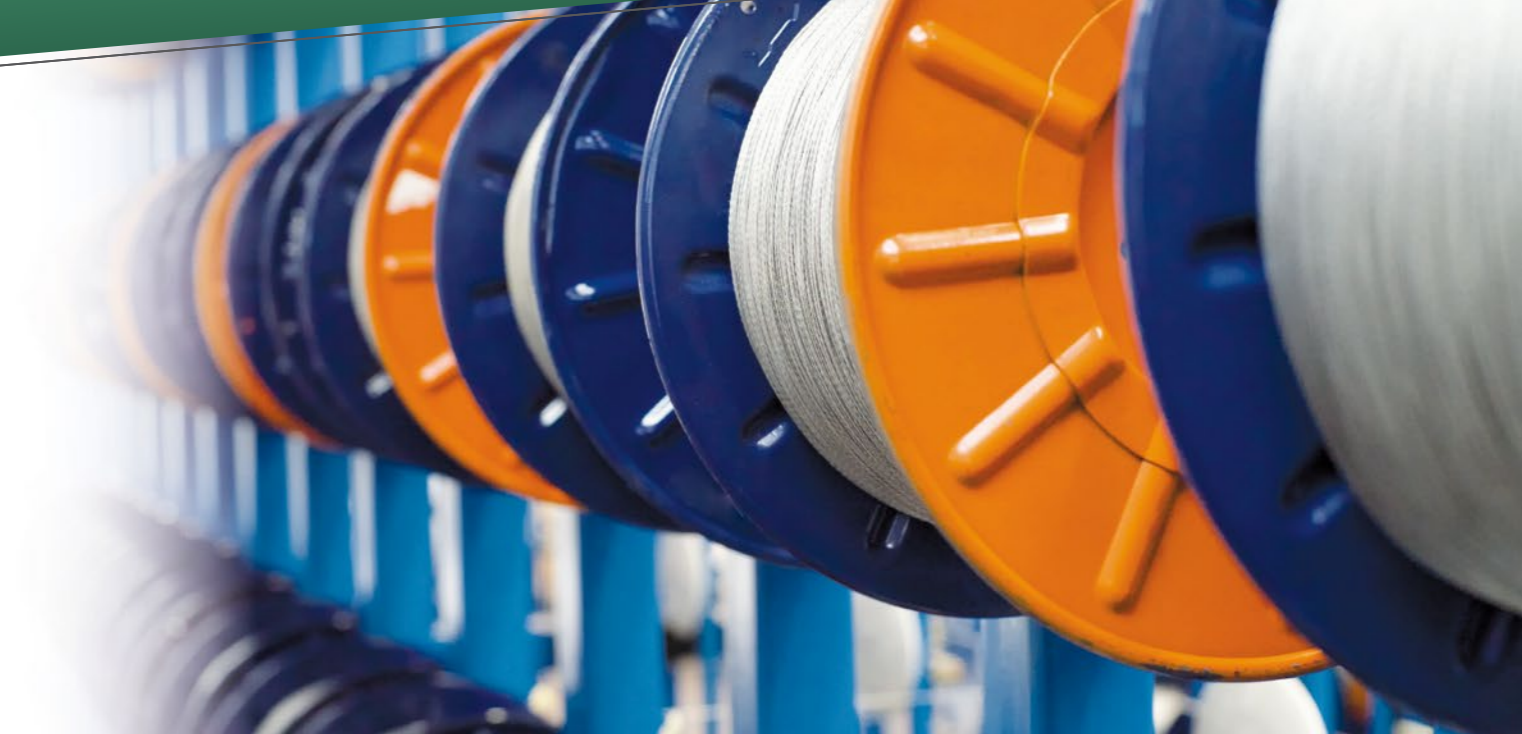
THE RAW MATERIALS THAT OUR HEROES ARE MADE OF

Internal quality is another key focus. ATLATOS® – THE TIMING BELT, is produced using only the best raw materials that we buy exclusively from certified brand name manufacturers.

All the product-related parameters are regularly reviewed in our in-house laboratory. Only pure raw materials are used and no recycled material is added. The raw material chain is fully documented.



*The gate keeper:
strict quality control decides what
is and is not allowed to be used in
the ATLATOS®.*




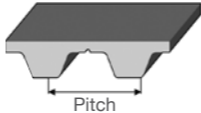
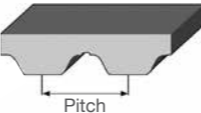
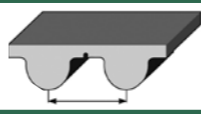


TRUST IS GOOD, LABORATORY CONTROLS ARE BETTER

There is no question that we trust in the quality delivered by our modern production plant. But we still test the key parameters of the ATLATOS® timing belt and the mechanical capabilities in our in-house laboratory as standard.

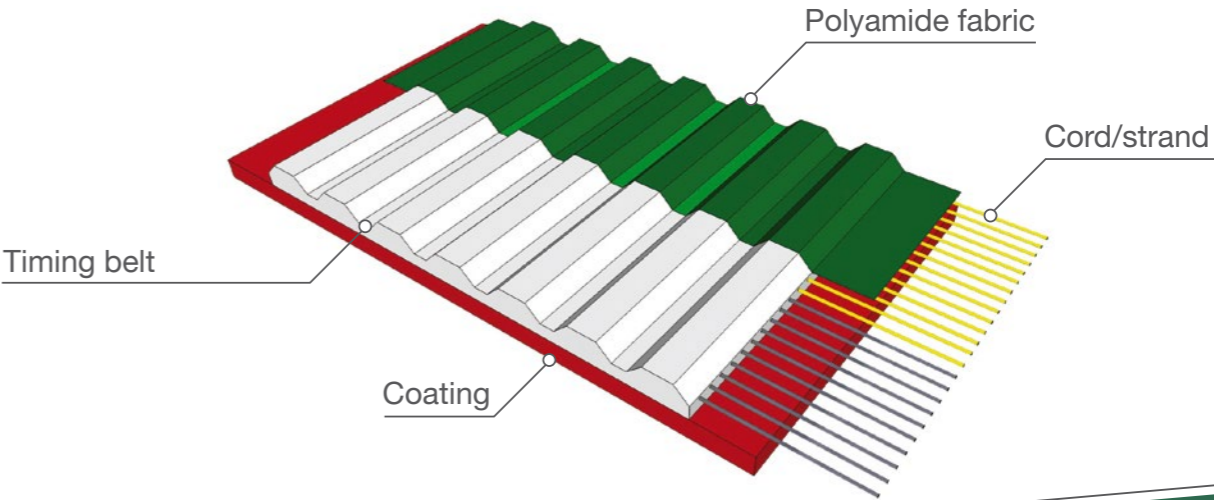
Dr Schaffstaedter is the man responsible for these activities. He checks every ATLATOS® product that is manufactured and is responsible for the exceptional quality at ATLATOS®, down to the very last detail.



Technical data							Pulles and tension roller		
	Type	Pitch [mm]	Standard width [mm]	Standard cutting lines	max. load [N] at a width of 50 resp. 50,8 resp. 55 mm	max. load [N] at a width of 50 resp. 50,8 resp. 55 mm (welded)	min. number of teeth (no / with counterflexion)*	min. diameter (no / with counterflexion)*	Diameter tension roller (no / with counterflexion)*
	T5	5	150	9x16 6x25 4x32 3x50	1820	910	10 / 15	15 / 23	30 / 30
	T10	10	150	9x16 6x25 4x32 3x50	4620	2310	12 / 20	36 / 62	40 / 60
	TL10	10	150	9x16 6x25 4x32 3x50	8075	4037	15 / 25	46 / 78	50 / 120
	TK10	10	50/100	1x32 1x50 1x75 1x100	4620	2310	25 / 25	78 / 78	80 / 90
	TLK10	10	50/100	1x32 1x50 1x75 1x100	8075	4037	25 / 25	78 / 78	80 / 90
	T20	20	150	9x16 6x25 4x32 3x50	8075	4037	15 / 25	93 / 156	120 / 120
	TL20	20	150	9x16 6x25 4x32 3x50	12110	6055	18 / 25	112 / 156	120 / 180
	L	9,53	152,4	12x12 6x25,4	4620	2310	15 / 20	45 / 60	60 / 60
	H	12,7	101,6	8x12,7 5x19,1 4x25,4	4620	2310	14 / 20	55 / 80	60 / 80
	XH	22,23	152,4	6x25,4 4x38,1	8075	4037	18 / 20	126 / 139	150 / 180
	AT5	5	150	9x16 6x25 4x32 3x50	4620	2310	15 / 25	23 / 39	30 / 60
	ATL5	5	150	9x16 6x25 4x32 3x50	8075	4037	25 / 25	39 / 39	40 / 60
	AT10	10	150	9x16 6x25 4x32 3x50	8075	4037	15 / 25	46 / 78	50 / 120
	ATL10	10	150	9x16 6x25 4x32 3x50	12110	6055	25 / 25	78 / 78	80 / 150
	ATK10	10	50/100	1x32 1x50 1x75 1x100	8075	4037	25 / 25	78 / 78	78 / 100
	ATLK10	10	50/100	1x32 1x50 1x75 1x100	12110	6055	25 / 25	78 / 78	78 / 100
	AT20	20	150	9x16 6x25 4x32 3x50	12110	6055	18 / 25	112 / 156	120 / 180
	HTD 5 M	8	150	15x10 10x15 6x25	4620	2310	16 / 20	24 / 30	50 / 60
	HTD 8 M	8	150	15x10 5x30 3x50 1x150	8075	4037	18 / 18	44 / 44	50 / 100
	HTD 14 M	14	115	2x55(+5) 1x85(+2x15)	13840	6920	28 / 28	122 / 122	120 / 180

*Data can change with Kevlarcords. For more detailed information please consult one of our experts or use our data sheets.

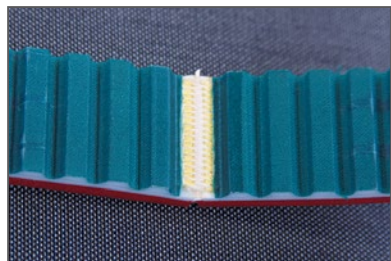
Every timing belt consists of thermoplastic polyurethan with a Shore-A Hardness of 92°. If desired timing belts can be provided with polyamid fabric on both sides (also available in antistatic). The cord can be made both of steel and kevlar (aramid). You need further informationen? No problem, we can provide further information on data and parameter or we easily calculate your individual ATLATOS® PU timing belt.



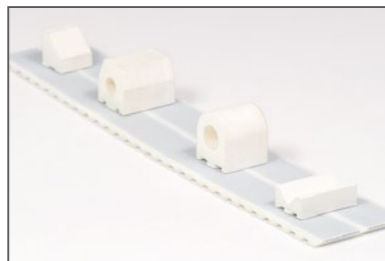


MANUFACTURING THE TIMING BELT

ATLATOS® is manufactured by skilled employees at modern plants equipped for the most complicated applications.



Mechanical connection



Cleats for conveyor application



Timing belts with V-guides



Mechanically processed toothed sides



Mechanically processed backsides

WE KNOW WHAT YOU WANT

From the specific challenges posed by your machine design through to recommendations for special timing belt characteristics for production processes and reviewing performance parameters – our advice and assistance target solutions for your particular requirements!

Our consultants have decades of experience in the industry and in customer service. Their diverse know-how in theory and practice means that they can provide assistance in all fields of application. Even if you don't yet know exactly what you need.

Don't be surprised if you get the feeling that you are discussing your applications with five specialists at the same time.





ATLATOS® COATINGS

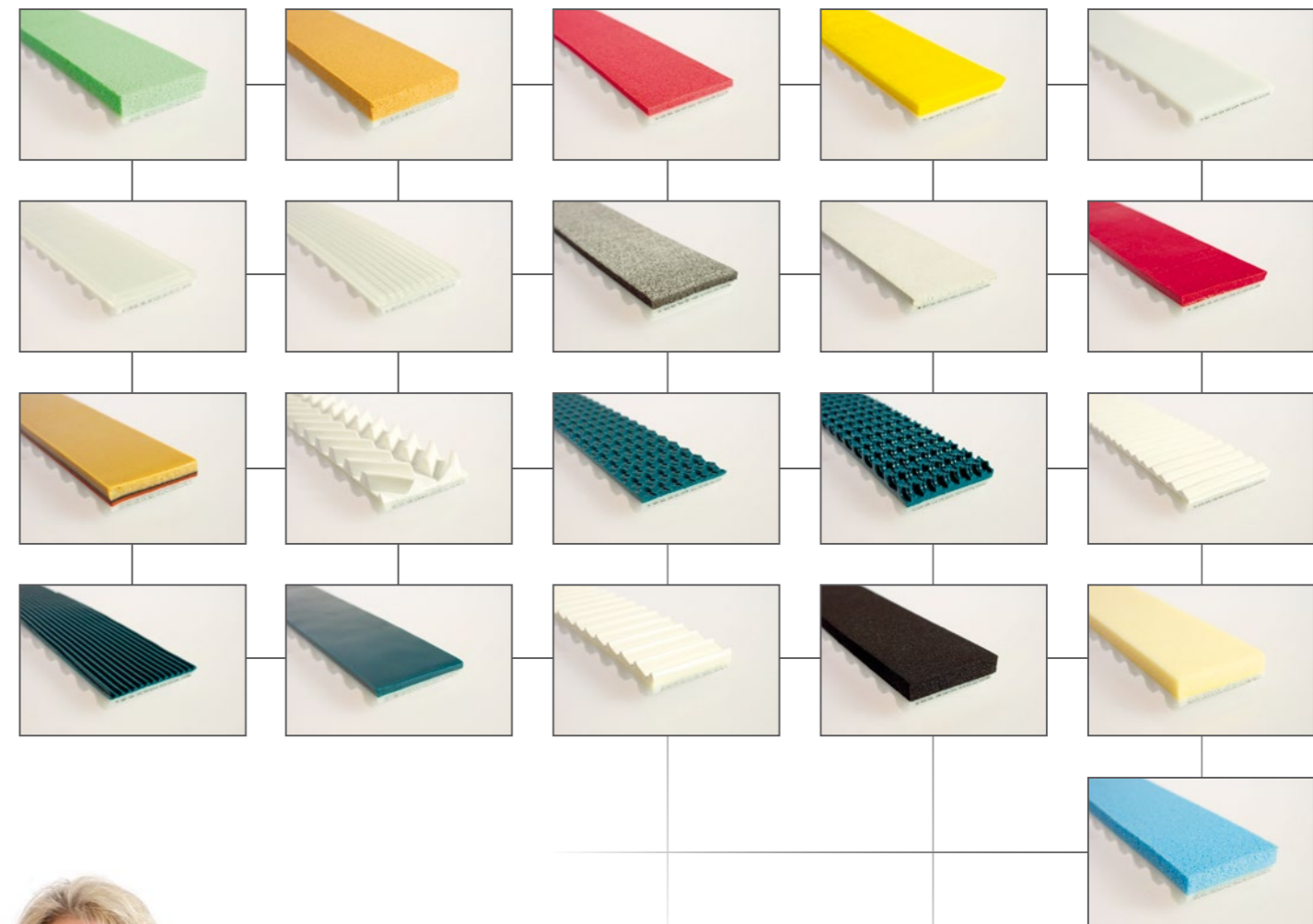
Our ATLATOS® timing belts can be coated with a wide variety of materials so that they can be used for almost any application.

SPEED THROUGH TEAMWORK

ATLATOS® is a team product, and all our work processes are closely linked. These finely tuned production processes allow us to deal with your requests much more quickly.

Our cutting-edge production plant provides an extra boost of speed with its lightning-fast change-over times.

Take advantage of our close-knit team, especially when speed is of the essence.





ATLATOS® IS YOUR PARTNER TOO

Our ATLATOS® will feel right at home in your company. It can be used in machines and systems in various sectors of industry.

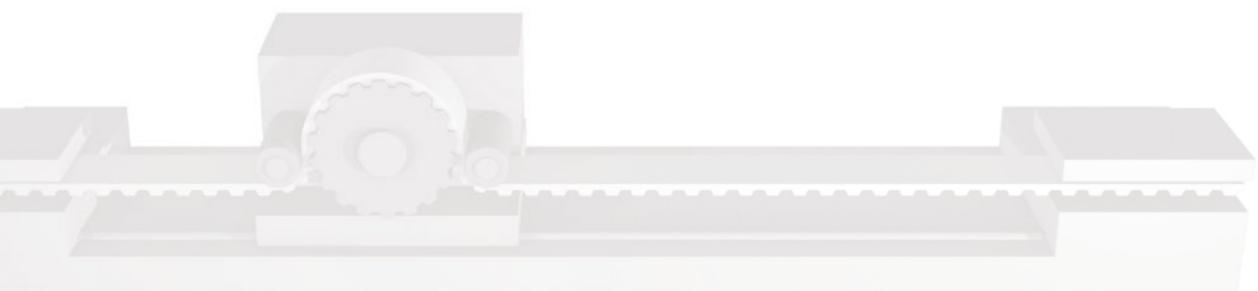


These include:

- Logistics and distribution centres
 - Automotive and tyres
 - Glass
 - Printing, packaging and paper
 - Foodstuff
 - Chemistry
 - Pharmacy
- and many more.

Other fields of application:

- Door and gate drives
- Car washing stations
- Window systems
- Linear drives
- General materials handling



MADE IN GERMANY DOES NOT HAVE TO BE EXPENSIVE

ATLATOS® is changing the dynamics of the market. ATLATOS® will increase your profits thanks to cost-effective production processes and cutting-edge production plants.

Smart processes, from ordering through to delivery, will delight both you and your controlling department.

Our managing director Uwe Schwenke is constantly on the look-out for optimization opportunities and cost-efficiency improvements just for you.

*Take advantage of
the smart ATLATOS®
business model.*



GET IN TOUCH WITH YOUR ATLATOS® PARTNERS



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Bode Belting GmbH has positioned itself over many decades as a complete solution provider in the manufacture and application of plastic conveyor belts, timing belts and coatings.

ATLATOS® – Der Zahnriemen is a Brand of Bode Belting GmbH and produced in Lauenburg/ Germany. The further portfolio also includes:



INO Process and Conveyor Belts

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