

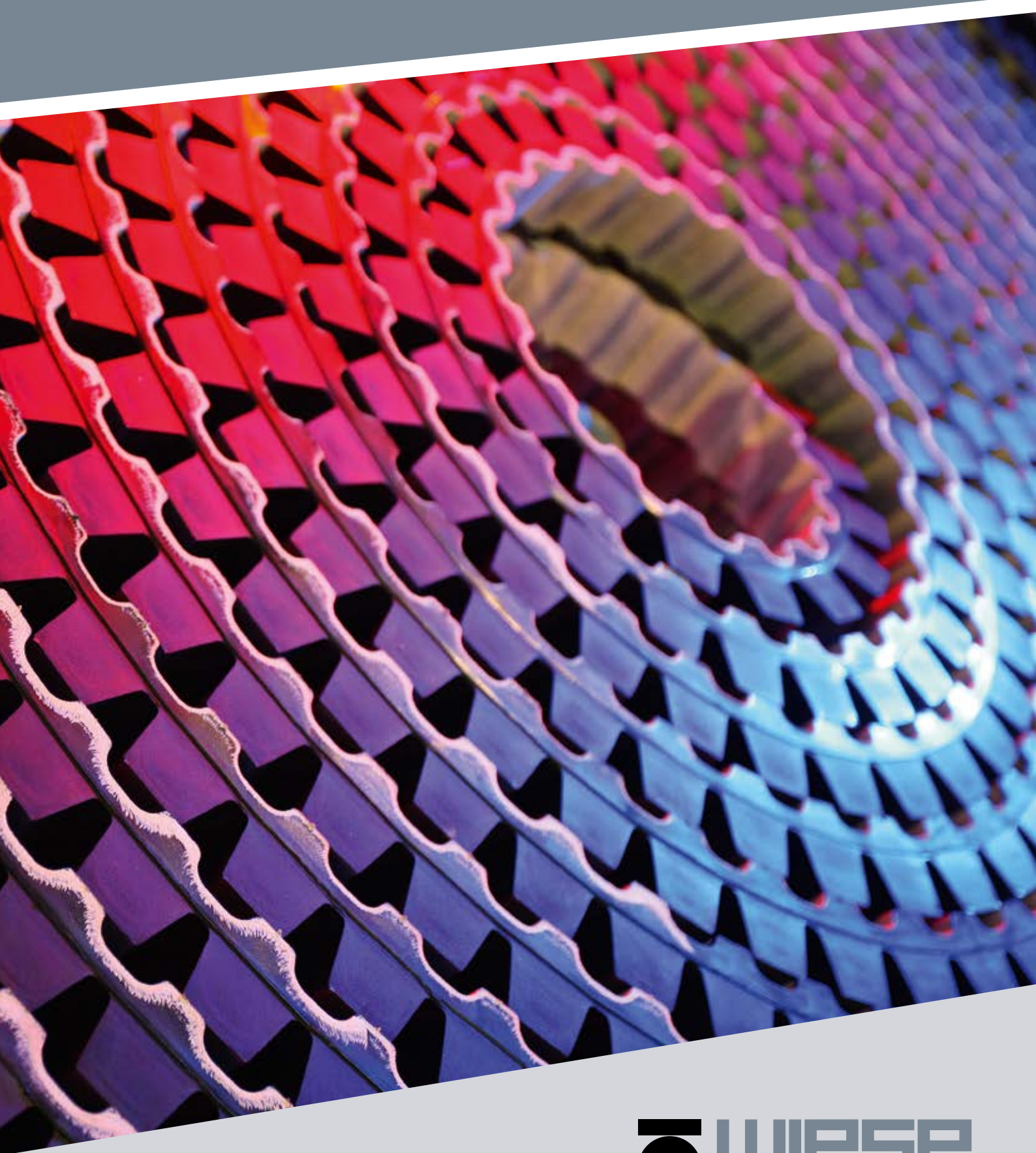
ENGLISH

YOUR EXPERT FOR BULK MATERIALS

Planning | Design + Development | Manufacturing + Assembly | Service

Food

Non-Food



WELCOME TO WIESE

WIESE is your partner for top-notch, custom solutions for product and process-compliant conveyance of your bulk materials. All our components are perfectly coordinated with each other. For over 50 years, we have encountered a broad array of tasks from various industries and successfully risen to the challenge each time. For example, we have provided conveyor solutions for sensitive foodstuffs, chemical substances, and coarse-grained building materials. You benefit from this experience. Despite the differences in product, many of the requirements can be reduced to a few, very effective basic conditions. This enables WIESE to offer you component technology with serial character, for creating an operation-ready design precisely tailored to your individual requirements. This translates into further benefits in terms of investment, delivery times, and retrofitting. In order to consistently meet the requirements and wishes of our customers, in parallel to your innovative production technologies, we constantly work to further develop our WIESE products and services with the aim of making them simple, reliable, and effective.



The core of any conveyor system is the WIESE rubber chain. Both its concept and development come from our company. The rubber chain is thus manufactured exclusively at WIESE, and is a true WIESE original.

Our aim: Reliable systems you can use to handle any task involving horizontal and vertical bulk material transport. Through efficient designs exhibiting a high degree of effectiveness, WIESE's continuous bucket conveyors and pendulum bucket conveyors are based on the functional interaction of a few components. In this process, the WIESE rubber chain acts as the drive component.

**WIESE continuous bucket conveyors and pendulum bucket conveyors -
to be found in every bulk material sector.**

OUR SERVICE

Our number one goal is the satisfaction of our customers. Always. We achieve this through cooperative partnership and custom-tailored collaboration with our customers. We design, manufacture, and support our customers on an individual basis, project by project. Thus, a unique WIESE continuous bucket conveyor or pendulum bucket conveyor is created each time, reliably fulfilling the customer's requirements. To this end WIESE's customer consultants, design, manufacturing and service teams work closely together.

WIESE is represented worldwide by sales and service partners. On an international scale we offer all our company's services on site, from consulting to after-sales service. We are constantly expanding this infrastructure with trained staff. We are also happy to learn from our customers' experience. After all, that is the way for us to continually improve.



We place emphasis on ...

- good connections between customers, sales, design, manufacturing, and service
- competent consulting: listening, understanding, expertise
- cooperative partnership with our customers
- quality assurance in accordance with DIN EN ISO 9001
- innovative development according to the requirements of our customers and together with our customers
- spare part availability

THE WIESE RUBBER CHAIN

The WIESE rubber chain lies at the core of all WIESE continuous bucket conveyors and pendulum bucket conveyors. Its characteristics account for the unmatched suitability of the WIESE rubber chain as a drive element. It runs without links and is vibration-free and thus particularly low-noise (under 65 dBA). The slip-free running of the WIESE rubber chain ensures maintenance-free operation. Furthermore, it produces no metal abrasion and requires no lubrication.

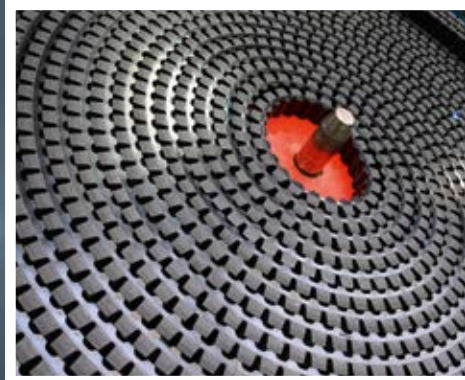
The WIESE rubber chain is available in any length, vulcanized as a continuous loop or put together with link connectors. Vulcanized steel cables ensure high tensile strength and the rubber chain will not stretch. We produce rubber for various uses: dependent on the application, from food-grade to conductive requirements. Our quality assurance is carried out in our in-house laboratory and testing area.



The WIESE rubber chain ...

- runs without links and vibration-free
- does not stretch out
- is food-grade
- is particularly low-noise
- is largely corrosion and chemical resistant
- requires no lubrication and is maintenance free

THE WIESE RUBBER CHAIN



THE WIESE PENDULUM BUCKET CONVEYOR P

Bulk material conveyance with WIESE pendulum bucket conveyors is the gentlest way to convey bulk materials. Decisive factors in selecting a system are frequently the lay-out shapes and the number of inlet and discharge points. The WIESE pendulum bucket conveyor P boasts a broad array of conveyor track variants in individual forms, e.g.: O or T shapes, both ascending and descending conveyance can be implemented with ease. The WIESE pendulum bucket conveyor also boasts unlimited possibilities for transporting the most diverse bulk materials in an efficient and gentle manner. The buckets can be removed and re-inserted easily without tools to clean them externally. The external cleaning helps prevent the ingress of moisture into the casing. The buckets can be supplied optionally in food-grade and magnetically detectable plastic. Even the smallest-diameter particles of these plastics can be successfully traced, making an enormous contribution to product safety.

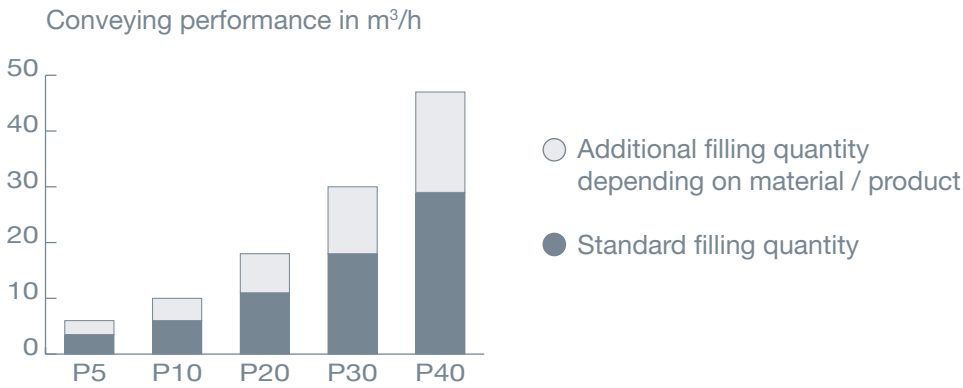
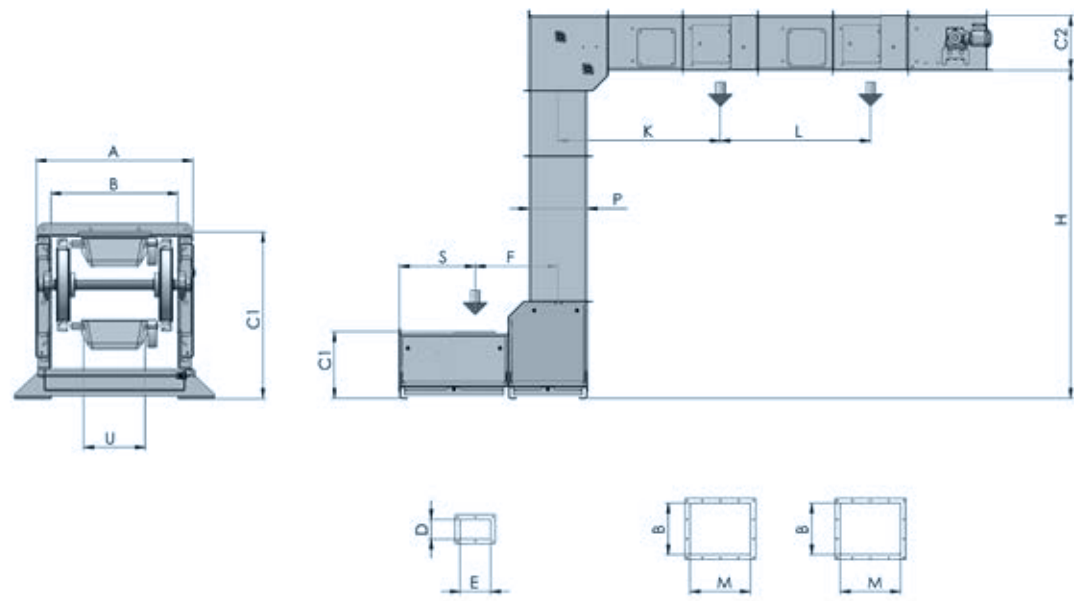


- Broad array of conveyor track variants in individual shapes
- Several freely selectable, switchable discharge points possible
- No-loss transport of product - the buckets always hang with the open side facing upwards and form a closed line in the inlet area
- Buckets are suspended individually and can be removed and re-inserted in two steps and without tools for maintenance and cleaning purposes
- Easy to clean, thus particularly well-suited for transporting sensitive foods
- Buckets can be supplied in various qualities – from food-grade to antistatic or magnetically detectable
- CIP possible
- Different sizes available, up to 45 m³/h

THE WIESE PENDULUM BUCKET CONVEYOR P

Dimensions in mm												Bucket volume 100% / water volume in l				
Type	A	B	C1	C2	D	E	F [min.]	H [min.]	K [min.]	L [min.]	M [min.]	P	S	U	Bucket spacing	Bucket volume
P5	518	420	550	450	160	250	685	970	720	620	500	480	625	195	165	1,6
P10	668	570	550	450	310	250	685	970	720	620	500	480	625	345	165	2,8
P20	798	700	650	550	440	250	820	1.220	855	720	600	530	675	476	198	5,5
P30	918	820	820	700	400	400	1.300	2.950	1.525	1.050	936	700	900	480	258	12,1
P40	1.218	1.120	820	700	700	400	1.300	2.950	1.525	1.050	936	700	900	780	258	19,5

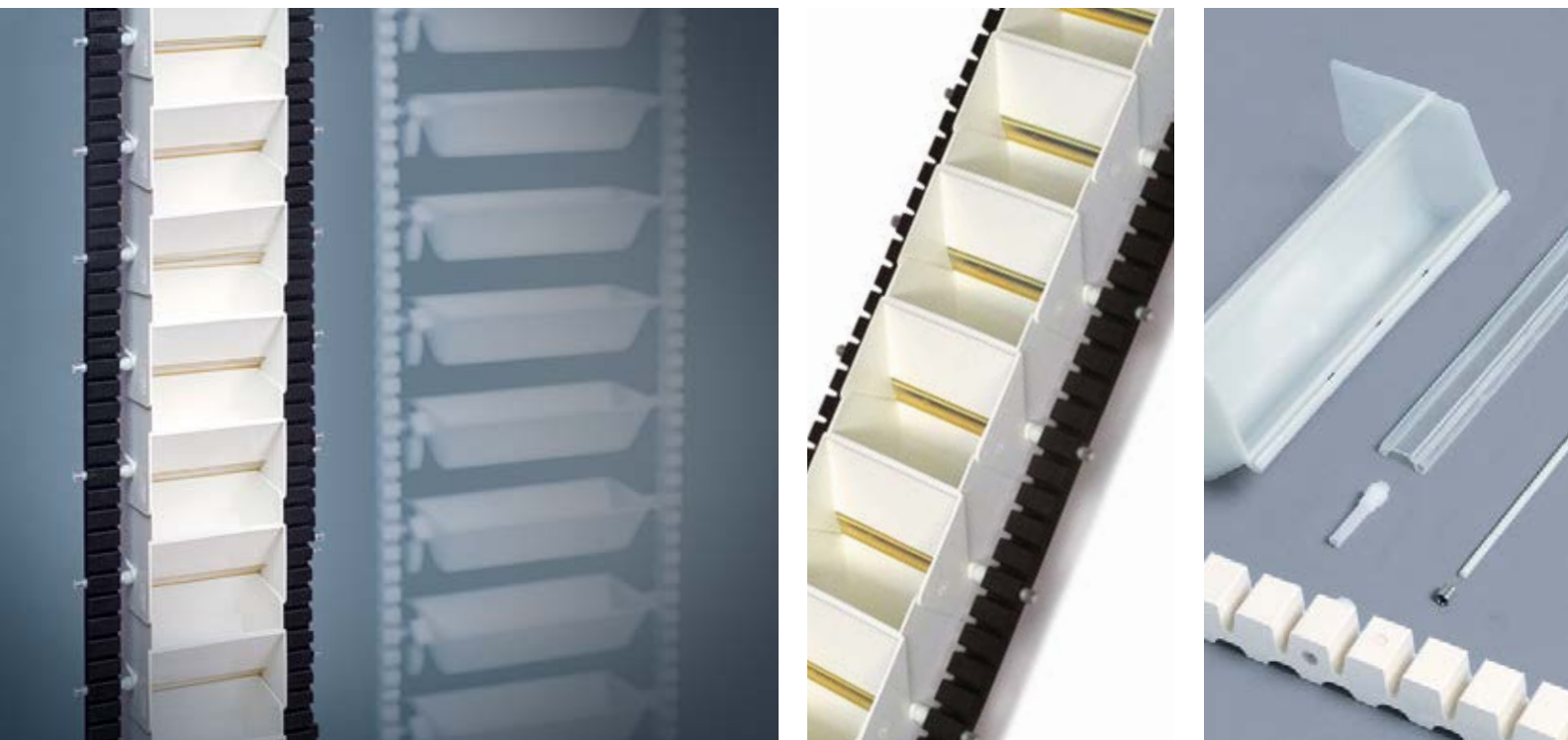
Subject to changes



THE WIESE CONTINUOUS BUCKET CONVEYOR SEB

The WIESE continuous bucket conveyor is known for its low-maintenance and robust design and has proven itself. Bulk materials can be transported with ease using a WIESE continuous bucket conveyor over long distances and great heights. It boasts many advantages over long or steeply ascending conveyor lines as it can be set up in a compact, space-saving configuration.

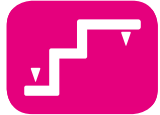
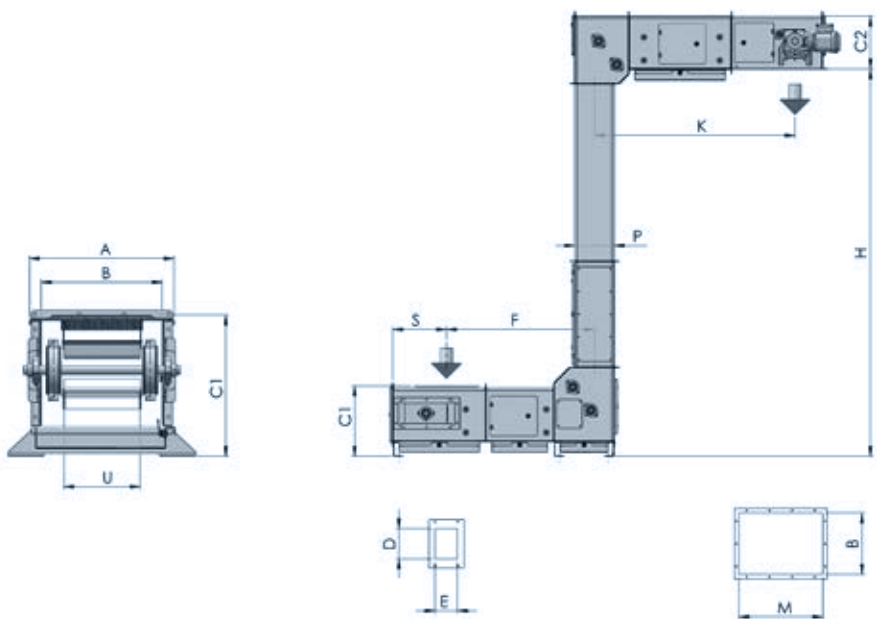
The core element of the WIESE continuous bucket conveyor is its robust bucket belt. The individual plastic buckets are interconnected via flexible flaps and form a gap-free, stable line. Individual buckets can be removed from and re-inserted into the bucket belt. The buckets and connecting flaps are available in various materials, depending on the requirements, for instance for food-grade use or based on the temperature of the goods to be conveyed. The selection of material is made following decades of practical experience.



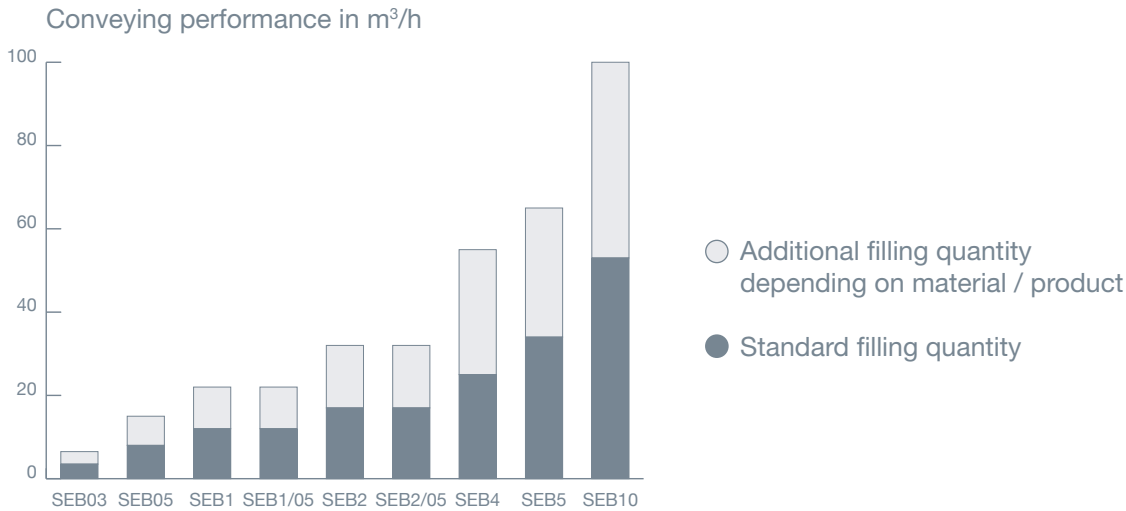
THE WIESE CONTINUOUS BUCKET CONVEYOR SEB

Dimensions in mm													Bucket volume 100% / water volume in l		
Type	A	B	C1	C2	D	E	F [min.]	H [min.]	K [min.]	M [min.]	P	S	U	Bucket spacing	Bucket volume
SEB 03	338	260	465	350	80	150	530	685	645	550	260	355	121	99	0,3
SEB 05	478	400	465	350	200	150	530	685	645	550	260	355	253	99	0,7
SEB 1/05	458	380	555	460	150	250	820	1.220	1.015	750	410	625	212	165	1,7
SEB 1	598	500	615	500	150	250	970	1.900	1.255	843	410	625	212	165	1,7
SEB 2/05	518	440	645	550	200	250	1.100	1.730	1.365	943	550	675	267	198	3,0
SEB 2	668	570	715	600	150	250	1.150	1.900	1.415	943	550	675	267	198	3,0
SEB 4	718	620	715	600	300	250	1.150	1.900	1.615	1.140	550	675	392	198	5,1
SEB 5	818	700	915	750	280	400	1.325	2.250	1.425	915	750	1.100	375	215	6,5
SEB 10	1.118	1.000	935	770	450	400	1.350	2.250	1.925	1.290	750	1.100	600	215	10,0

Subject to change



- Conveying of goods in a horizontal-vertical-horizontal manner without transfer points between product inlet and discharge
- Number of inlet points freely selectable
- Suitable for conveying abrasive, soft, flaky or powdery goods
- Goods to be conveyed are not scooped, but fed using a metering system
- Gentle, clean and no-loss material transfer
- Freely selectable leg lengths
- Tried-and-tested transport tracks of over 50 m vertically and over 100 m horizontally
- High running speeds
- Compact, space-saving casing available in various designs
- Low maintenance
- High availability
- Different sizes available, up to 100 m³/h



FOOD

WIESE SYSTEMS: EFFICIENT + HYGIENIC

Particularly in the food industry, the advantages of WIESE continuous and pendulum bucket conveyors are clear to see. Using original WIESE rubber chains, no lubricants are required, which might otherwise contaminate the goods being conveyed.

Rubber chains and buckets are available in a food-grade design, with certificates adhering to European (EU directives) and American (FDA) standards.

The casings can be designed to meet the most demanding of hygienic requirements, such as with a tubular frame without horizontal surfaces and dead spaces.

With the pendulum bucket conveyors, the buckets can be removed with no tools in a single step to wash them externally. Automatic cleaning stations can also be supplied for cleaning the buckets in all series.

Detectable buckets are yet another option to increase product safety.

THE PERFECT,
CUSTOM SOLUTION
FOR ANY AREA.



- Original WIESE rubber chain without lubricants
- Food-grade materials (compliant with FDA & EU standards)
- Detectable buckets
- Hygienic casing design



Also available with explosion protection in accordance with ATEX

NON-FOOD

WIESE SYSTEMS: HIGH-PERFORMANCE + DURABLE

With the original WIESE rubber chains without links, WIESE continuous bucket conveyors and pendulum bucket conveyors have proven themselves in the non-food area. Even abrasive materials and those causing wear can be conveyed with ease. The goods to be conveyed are filled in a metered manner and not scooped, which minimises strain on the goods and wear and tear on the buckets.

For systems at risk of dust explosions, the WIESE continuous bucket conveyors and pendulum bucket conveyors can also be supplied with ATEX certification.

Through the use of diverse materials for rubber chains and buckets, the systems can be adapted to meet the particular requirements. The WIESE continuous bucket conveyors have proven themselves in numerous product areas: powders and granulates, chemicals, building materials, recycling, ceramics, plastics and much more.

CUSTOM-TAILORED
CONVEYOR SYSTEMS
FOR ANY APPLICATION.



- Robust design
- Constant chain lengths
- Original WIESE rubber chain without links – thus no wear to links
- Gentle conveying
- Low-maintenance



Also available with explosion protection in accordance with ATEX

DESIGN VARIANTS

WIESE offers several casing types from which to choose – both for the continuous and pendulum bucket conveyor. For the food industry, there is a “hygienic version”, allowing easier access for cleaning. Many standardized special components can also be supplied on request, thus allowing you to optimally equip your set-up. We will be happy to advise you.

1. Standard casing, closed sheet metal design

- Affordable standard
- Self-supporting
- Maintenance doors on all sides
- Painted steel or stainless steel
- Optionally available dust-tight

2. Standard casing with removable sidecovers

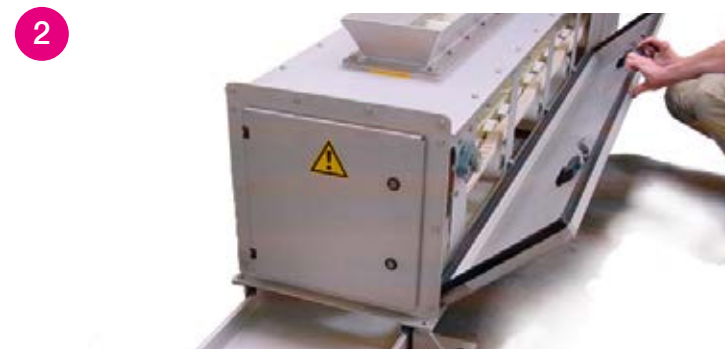
- Similar to standard sheet metal casing, but with extensive removable sidecovers
- Easy to clean

3. Open tubular frame

- Welded design made of stainless steel round tubes
- No horizontal storage surfaces
- Ideal for wet cleaning
- Easily removable paneling made of polycarbonate or stainless steel with safe control via 2-way key

4. Gas-proof casing

- Special design
- Individual for any case of operation
- Protective gas can be inserted



SPECIAL APPLICATIONS

At WIESE, we enable customer-specific applications. Our project engineers know what you're talking about and collaborate with you to find the ideal solution to suit your needs. This page thus features just a small selection of special designs. We would be happy to provide you with more in-depth information about further possibilities.

1. Duplex

- 2 parallel bucket belts installed in a single casing to save space

2. Rollable

- Continuous bucket conveyor on wheels, with tilt protection at arms
- Also available with plug-and-play control system

3. Special line routing

- Custom line routing is possible, for instance to avoid obstacles or other special requirements due to the conditions on site

4. Weighed product

- Reliable conveyance of 1 portion per bucket from scale to packaging machine

5. CIP cleaning

- Cleaning of installed buckets
- Cleaning optionally with water / cleaning agent or compressed air



Australian Contact



669 WHITEROCK ROAD, BATHURST, NSW, 2795 AUSTRALIA,

PHONE> +61 (0) 438322788

EMAIL> mark@avimain.com.au

WEB> avimain.com