



CONVEYOR BELT TECHNOLOGY

Experience makes all
the difference.



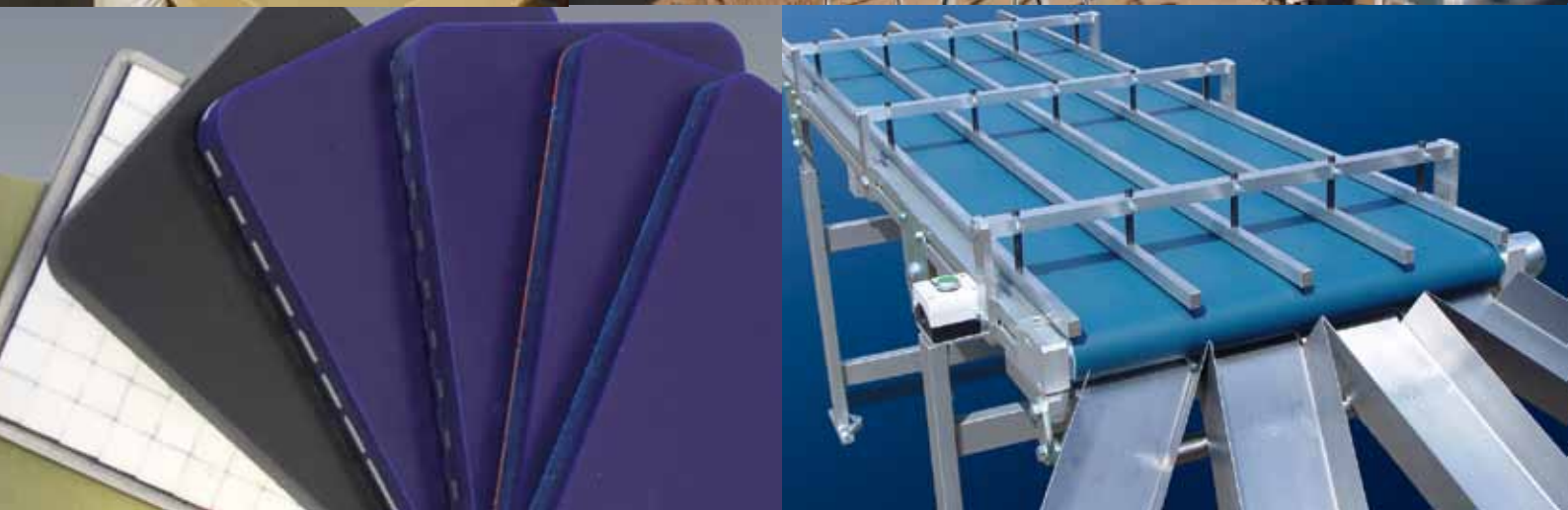
WELCOME TO LUTZE

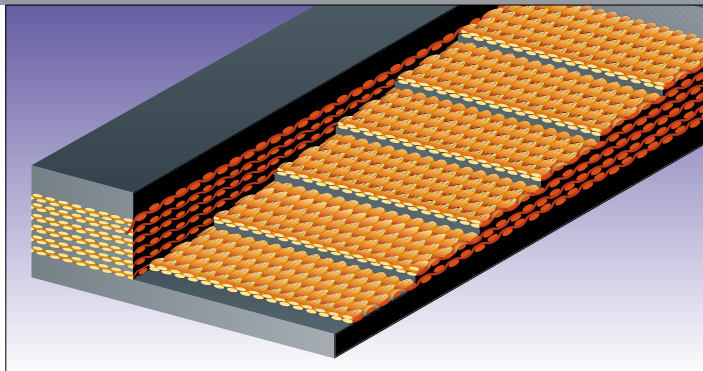
Expertise

The LUTZE Group supplies a comprehensive range of products and services for the domestic and international markets through its corporate divisions.

Experience

With modern production facilities and offices in Germany, LUTZE FÖRDERTECHNIK is able to meet its customers' demands for innovative solutions and services. We have spent the last 50 years developing solutions for challenging applications in a variety of industries. Our primary focus has always been on excellent quality and long-term partnerships with our customers.





LUTZE Fördertechnik supplies reliable quality rubber conveyor belts from main supplier Contitech. We supply performance belts designed to deal with certain stresses:

TransConti®

Models: NQ, OIL GM, Oil, T150, T200. Superior manufacturing technology provides excellent belt tracking and perfect surface finish for double belt systems and heat-resistant belts up to a width of 2,000 mm and belt strength of 800/4.

CONTIFLEX® EP

Belts with cut edge or solid rubber edge design, produced using a conventional manufacturing method. The following models are available: NQ, Ctl. Extra, ATRB, AA, Conti XS and Clean. Belt widths up to 3,200 mm, belt strengths of EP250/2 to EP 3150/5.

CONTIFLEX® SF

Steep-incline conveyor belts with 15-mm high profiles every 190 mm. Granular bulk goods (up to 150 mm) can be transported at an angle of up to 30°.

CONTITECH® SF

Steep-incline conveyor belts with 15-mm and 30-mm high v-shaped profiles every 300 mm.

CONTIFLEX® OIL

Textile conveyor belts with oil and grease-resistant cover plate. Available in widths up to 3,200 mm with a belt strength of EP 250/2 to EP 3150/5. The cover plate thicknesses can be selected according to the planned belt usage.

CONTIFLEX® RIP-PROTECT

EP fabric belts on which the carrying side is fitted with special transverse steel cord reinforcement designed to prevent foreign objects and sharp-edged goods from penetrating the carrier.

CONTIFLEX® SLIDE

Belts with a special lower cable support that is particularly resistant to wear and reduces friction.

CONTIFLEX® VULKAN

Textile conveyor belts for hot goods. Textile conveyor belts with heat-resistant cover plates.

Sidewall belts and shaft box straps

LUTZE sidewall belts and shaft box straps are essential for applications in which the troughed, smooth belt reaches its limits, for example horizontal or vertical transportation of large volumes. The comprehensive range of sidewalls and carriers ensures that LUTZE sidewall belts and shaft box straps can be used for all power ranges. They are essential in all industries which require horizontal and vertical transportation of bulk goods.



LUTZE PLASTIC CONVEYOR BELTS

The choice is yours

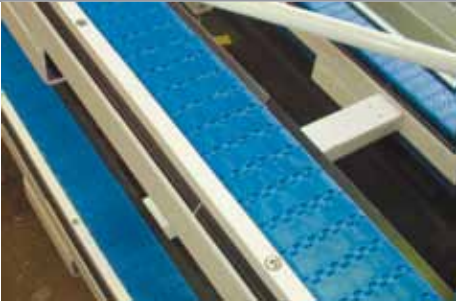
The application and the specific cargo type are always the crucial factors in conveyor belt selection, e.g. slippery for accumulation mode, oil and grease-resistant for the food industry, or wear-resistant for brick transport.

Our team of in-house and field consultants work with operators to select the most suitable belt. Improved inventory management and customised packaging facilitate short lead times, even for belts with profiles and sidewalls.

Benefit from the expertise provided by LUTZE when selecting the most suitable conveyor belt for your application.

Benefit from the expertise provided by LUTZE when selecting the most suitable conveyor belt for your application.





Conveyor belt technology

Uses:

- Metal industry

■ Foodstuffs industry

■ Chemical industry

■ Wood processing
- Paper/cardboard

■ Letter and parcel services / logistics

■ Recycling

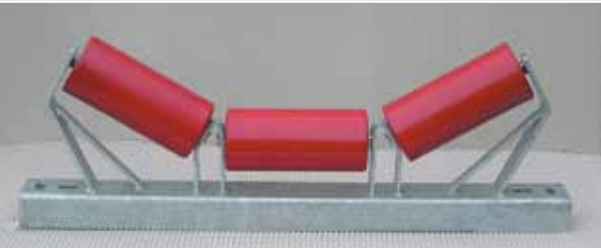
■ Industrial laundry

PVC and polyurethane conveyor belts

Type	Documents	Fabric	Workload (%)	Transverse stability	TroughableCarrying side.....		Running side.....					Belt thickness (mm)	Weight (kg/m ²)		min. drum diameter	Bearing width (mm)	min. temp. (°C)	max. temp. (°C)	antistatic	oil and grease-resistant	FDA	
						Material	Thickness (mm)	Colour	Surface	Material	Thickness (mm)	Colour	Surface		slippery	rolling								
PVG 15	2	E	10	x	—	PVC	0,5	Black	Matt	G	—	—	—	x	x	1,9	2,2	40	2000	-5	+80	x	x	—
PVG 25	2	E	13	x	—	PVC	1,7	Black	LR	G	—	—	—	x	x	3,2	3,5	50	2000	-5	+80	x	x	—
PVG 30 BB 2000 mm	2	E	10	x	—	PVC	0,5	Petrol	Smooth	G	—	—	—	x	x	2,1	2,5	40	2000	-5	+80	x	x	—
PVG 40	2	E	12	x	—	PVC	0,5	White	Smooth	G	—	—	—	x	x	2,2	2,5	60	2000	-10	+60	—	x	x
PVG 50	2	E	15	x	—	PVC	1,0	Petrol	Smooth	G	—	—	—	x	x	3,0	3,6	60	2000	-5	+80	x	x	—
PVG 70	3	E	18	x	—	PVC	2,0	Transp.	Smooth	G	—	—	—	x	x	4,6	5,2	150	2000	-10	+60	x	x	—
PVG 90	2	E	9	x	—	PVC	4,0	Petrol	SG	G	—	—	—	x	x	5,1	4,0	50	2000	-5	+80	x	x	—
PVG 100	M	E	14	—	x	PVC	1,0	Petrol	Smooth	i G	—	—	—	x	x	2,9	3,2	50	2000	-5	+80	—	x	—
PVR 10	2	E	7	x	—	PVC	0,5	Green	Smooth	PVC	0,7	—	NP	—	x	2,7	3,0	60	2000	-5	+80	x	x	—
PVR 20	2	E	12	—	x	PVC	0,5	White	Smooth	PVC	0,5	—	NP	—	x	3,0	3,5	80	2000	-10	+60	—	x	x
PVO 10	2	E	12	x	—	G	—	—	—	G	—	—	—	x	x	1,7	1,9	40	2000	-10	+60	—	x	x
PVO 20	3	E	18	x	—	G	—	—	—	G	—	—	—	x	x	3,0	3,9	100	2000	-10	+90	—	x	x
PUG 10	2	E	8	x	—	PU	0,2	Green	Matt	G	—	—	—	x	x	1,4	1,4	10	2000	-20	+100	x	x	—
PUG 20	2	E	8	x	—	PU	0,2	White	Smooth	G	—	—	—	x	x	1,4	1,4	20	2000	-20	+100	—	x	x
PUG 30	2	E	10	x	—	PU	0,3	Blue	Matt	G	—	—	—	x	—	2,4	2,9	50	1500	-20	+60	—	x	—

Abbreviations: SG = Super Grip LR = Longitudinal Groove NP = Negative Pyramid G = Fabric iG = Waterproof Material M = Multi-layer Fabric

NB: The minimum drum diameters apply to normal climatic conditions. Lower temperatures require larger drum diameters. Innovations in the conveyor belt manufacturing process may cause slight changes in the visual appearance of the belt. The physical properties are not affected. Subject to change. The current technical specifications can be found online at www.lutze.de.



Stations

2-piece or 3-piece upper belt, sub-belt and garland stations, welded construction, galvanized, painted or powder coated.

Rollers

OB/UB rollers with and without support ring rolls in standard and special editions. Primed or powder coated, multiple labyrinth seals.



Head scrapers

Properties:

- Simple and quick assembly
- Scraper bar available in different hardnesses
- Pretension can be adjusted quickly without tools
- Can be cleaned in seconds by simply folding downwards
- Pre-tension generates the PU scraper bar without additional clamping device





LUTZE PLANTS AND ACCESSORIES

You're in good hands with us.

If your material flow changes, we can assist with the redesign and can also supply complete conveyor systems.

We supply our customers with the relevant complete systems or system components in accordance with the specified requirements for cargo and bulk material conveyance.

Manufacturers are established companies in the German mechanical and plant engineering sectors.

Benefit from our expertise
and increase the efficiency
of your conveyor systems!





Vulcanizing tools

We are happy to provide advice if you require tools and special conveyor belt adjustment devices. Benefit from our experience and let our product specialists advise you.



Repair systems for conveyor belts and wear protection developed by LUWITAN®.

LUWIREP 70

Repair system for rubber conveyor belts and wear protection. 50 ml and 400 ml dual cartridges.

Damage to wear areas and impacted components can be repaired with this dual-component repair compound.

LUWIREP 85

Repair system for PU wear protection plates and coatings.

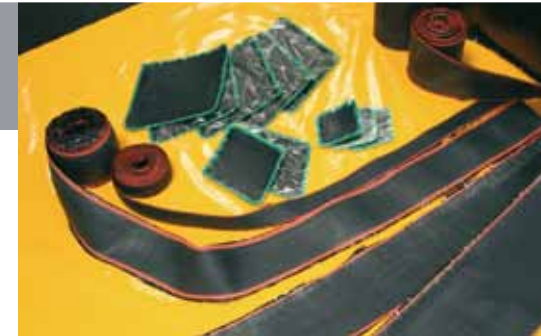
One common use for the LUWIREP 85 system is to fill seams or transitions between bolted or bonded PU panels, or to layer particularly heavily used areas. 50 ml and 400 ml dual cartridges; 1,400 ml manual work set, filler material.

The following applies to all LUWIREP systems:

- Short lead times from stock for
 - Adhesion systems
 - All tools and techniques for processing.
- LUWIREP deliveries contain practical usage instructions.
- When applying products for the first time, it is useful to allow one of our experts to provide guidance. Any subsequent work required can then be carried out by your maintenance staff



Adhesive and repair materials



CONTI SECUR® PREMIUM by CONTITECH

The one-component adhesive is one of the most economical and user-friendly adhesives in the conveyor belt industry.

Advantages:

- No sources of errors by under- or overdosage of activator
- No vulcanization in the tin
- Cost savings and environmental protection through waste reduction

Applications:

- Continuous bonding of textile belts
- Rubber-rubber bonding
- Rubber-metal bonding

Metal primer

Applications:

- Bonding between steel and rubber
- Corrosion protection

RCE cleaner

Applications:

- Pre-treatment of bonding surfaces
- Refreshing of contact layer
- Cleaning of rubber and metal surfaces

Material for cold repairs (normal quality)

Applications:

- Repair belts with contact layer
- Repair belts with contact layer and fabric
- Rhomboid patch without fabric
- Rhomboid patches with fabric of different sizes
- Filler rubber with double-sided contact layer

Material for cold repairs (in the appropriate conveyor belt qualities)

Dimensions and availability on request

Applications:

- Unvulcanised cover plates and intermediate rubber
- Mounting solutions
- Unvulcanised fabric



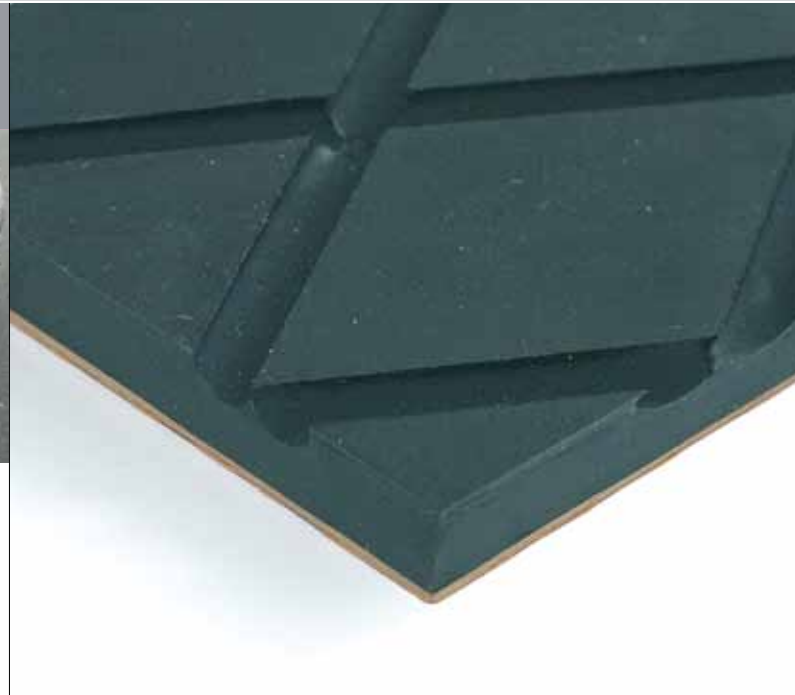
LUTZE WEAR PROTECTION

Well-protected equipment lasts longer

All systems are subject to wear caused by abrasion and corrosion. To counteract this wear, we supply rubber-elastic materials, plastic and ceramic products. Our extensive range of conveyor belt accessories, which includes pulley lagging and scrapers, ensures a long service life for your conveyors. Our application engineers are happy to provide you with expert advice on site.

Protect your conveyors
with wear protection
products from LUTZE!





Lutze

LUTZE Fördertechnik provides protection against wear and corrosion, reduces noise, and offers resistance against a variety of media and stresses:

Applications:

- Lining of hoppers and tanks
- Slide and transfer stations
- Pipe linings
- Drum gumming

CORREX®-Extra

Mini rhomboid / large rhomboid

SBR, black, 60 Shore A, for driven drums

CORREX®-Beige

Natural rubber, beige, 40 Shore A, suitable for impact situations and in wet areas, e.g. gravel.

CORREX®-Extra

SBR, black, 60 Shore A, suitable for chute boxes and slides, as silo and hopper lining, and for tail pulleys



LUWISPRAY® spray-coatings

Description:

Highly elastic coating materials based on polyurea for wear and surface protection ensure that system components last much longer, particularly those prone to wear and tear through sliding abrasion, often in conjunction with a chemical exposure. Layer thickness at least 2 mm, depending on the application.

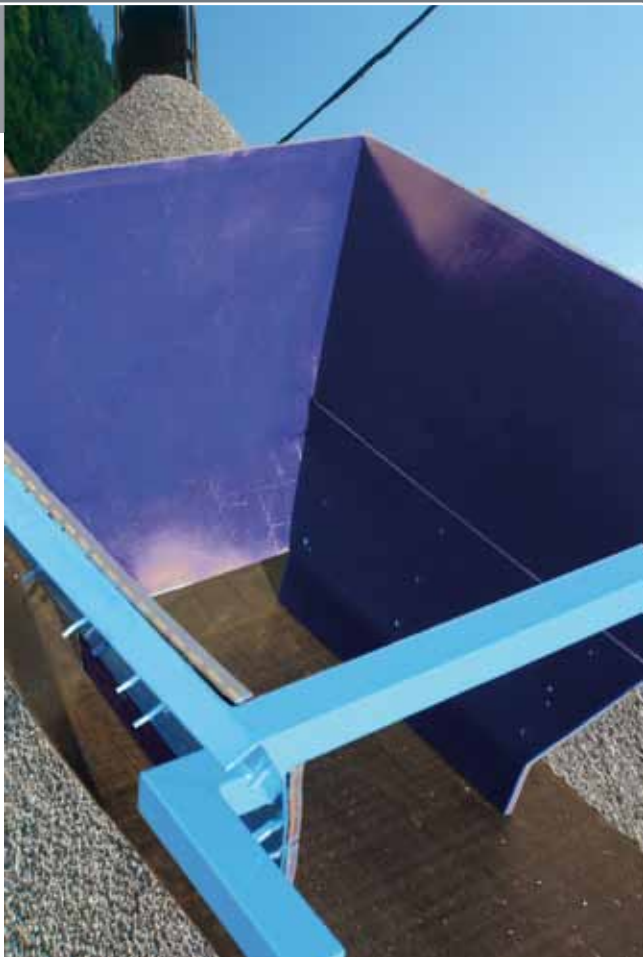
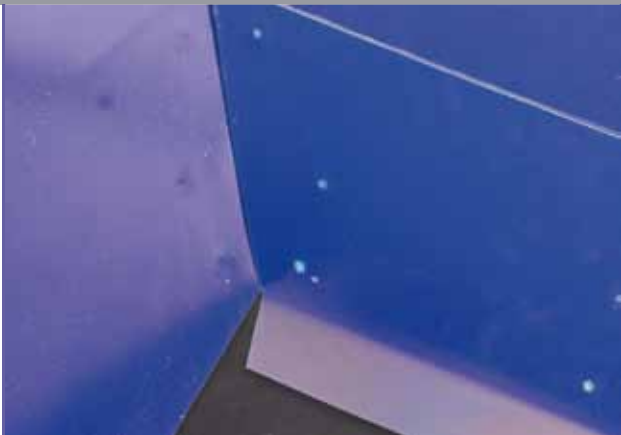
Applications:

- Lining of coal, ore and sand bunkers and dust collectors
- Corrosion protection for system parts
- Silo and tank linings
- Screw conveyors and screens
- Conveying equipment, e.g. in ports and industrial plants
- Chutes and slides
- Pipe linings

- Vibratory grinding containers
- Mixers and shakers
- Pump parts and cyclones
- Fans

Properties:

- Highly resistant to wear
- Age-resistant
- Impact-resistant
- Chemical-resistant
- Crack-bridging
- Permanently elastic
- Hydrolysis-resistant



Lutze

LUWITAN®

wear protection plates

Highly wear-resistant plates manufactured from reliable LUWITAN® polyurethanes designed to protect the liner system components against wear, corrosion and caking. Standard and storage formats are 2,000 x 1,000 mm, 10 mm to 20 mm thick in 65 and 85 Shore A. Other dimensions and special qualities are also available.

Applications:

- Lining of hoppers and tanks
- Slide and transfer stations
- Pipe linings
- Vibration channels and chute boxes
- Bucket conveyors
- Sealing conveyor goods

Properties:

- Highly resistant to wear
- Resistant to many media (oils, fats etc.)
- Weather-resistant, hydrolysis-resistant
- Impact-resistant
- Good sliding properties
- Elastic, sound-absorbing
- Easy to handle and replace
- Easy to attach

LUWITAN®
Wear protection plates, quality: blue

Dimensions	Perforated metal insert
2000 x 1000 x 10 mm	no
2000 x 1000 x 10 mm	St37 2000 x 1000 x 2 mm
2000 x 1000 x 10 mm	Alu 2000 x 1000 x 2 mm
2000 x 1000 x 12 mm	no
2000 x 1000 x 12 mm	St37 2000 x 1000 x 2 mm
2000 x 1000 x 12 mm	Alu 2000 x 1000 x 2 mm
2000 x 1000 x 15 mm	no
2000 x 1000 x 15 mm	St37 2000 x 1000 x 2 mm
2000 x 1000 x 15 mm	Alu 2000 x 1000 x 2 mm
2000 x 1000 x 20 mm	no
2000 x 1000 x 20 mm	St37 2000 x 1000 x 2 mm
2000 x 1000 x 20 mm	Alu 2000 x 1000 x 2 mm

Additional dimensions and versions available on request

SERVICE IS OUR STRONG POINT

There when you need us

We are your reliable service partner, with many years of experience in conveyor manufacturing, assembly and maintenance. Take advantage of our expertise – we are happy to advise you. Our service teams work for you around the clock. They provide efficient installation and maintenance, and provide expert advice on site.

Benefit from our experience.
We are happy to provide advice!

Our service

- Assembly of narrow belts a few millimetres in width to heavy rubber conveyor belts with fabric or steel cable supports up to 3,200 mm wide.
- Wear-protective linings made from rubber, plastic or ceramic
- LUWITAN® spray coatings
- Systems consulting and strap design
- Fast access to a large stock of wear protection products, splicing materials and accessories

The LUTZE Group offers a comprehensive product and service program in Northern Europe in the areas of conveyor technology and plastics technology.



- Conveyor belt technology
- LUWITAN® Wear protection Plates
- LUWISPRAY® Spray Coating
- LUWIREP® Repair Material
- Water Jet Cutting
- Service



Headquarter

LUTZE FÖRDERTECHNIK GMBH
Hullerser Landstraße 37
37574 Einbeck
GERMANY

Phone: +49 55 61 93 66 - 0
Fax: +49 55 61 93 66 - 22
info@lutze-conveying.com



www.lutze-conveying.com