

www.lauteceng.com

TEL. +82 62-222-1007

FAX. +82 62-222-1207

E-MAIL. info@lauteceng.com



125, Jingsandanjungang-ro, Gwangsan-gu, Gwangju,
Republic of Korea (62465)



CEO's Greeting



At Lautec, we prioritize the needs of others before our own, Upholding the principle that we use every product we create.

Since our establishment in 1995, Lautec has continually leveraged our accumulated technology and experience in belt conveyor accessories and factory automation systems to not only improve product quality but also to drive the development of superior new products.

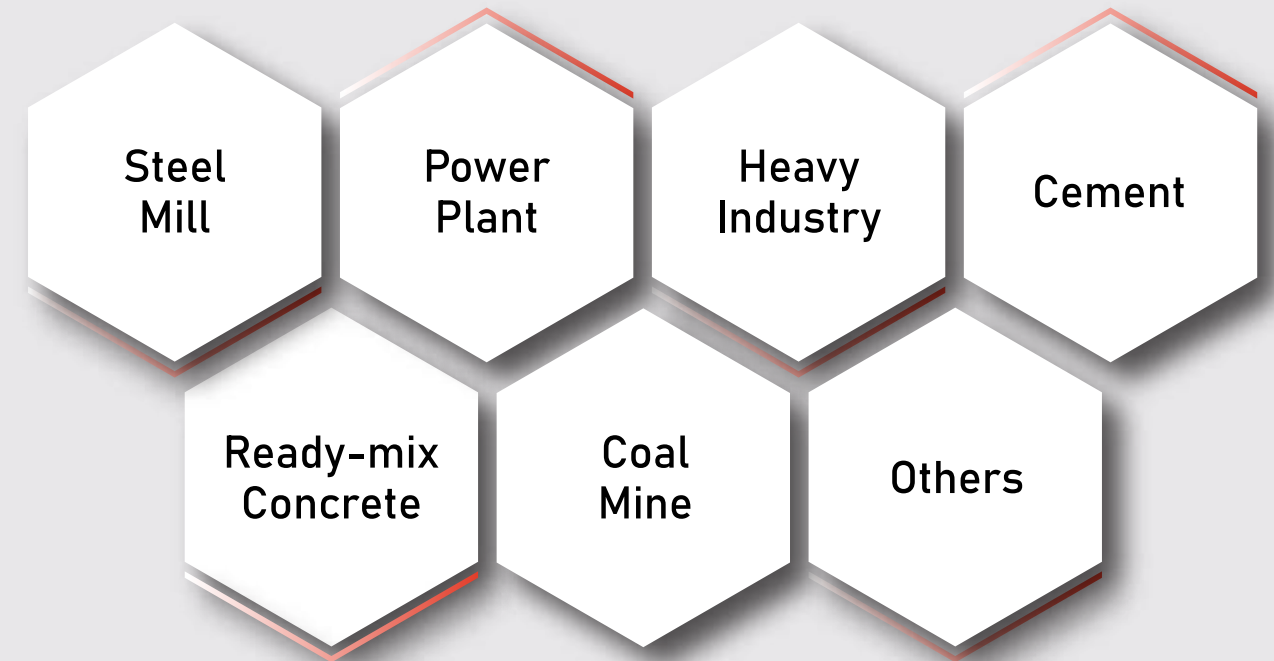
As a result of our relentless efforts, we have secured numerous patents and utility models, which have been applied to create practical and beneficial products used in various industries. However, we are not content with these achievements. We remain committed to ongoing research, investment, and innovation with a corporate spirit focused on serving others before ourselves. Our goal is to pioneer a future that puts customers first and to contribute to the growth of both society and the nation.

Furthermore, as a forward-looking company, Lautec is preparing for the challenges of tomorrow by striving to develop products that can confidently compete in the global marketplace. With a dedication to delivering the highest quality and impeccable service, we aim to be a company that earns the trust and support of our valued partners and customers.

Thank you for your continued interest and cooperation.

Sincerely,
Seok Ho Seo CEO of Lautec

Areas of Operation



Certifications & Patents

Lautec is recognized for its patented technologies and quality certifications.



Contents

5. Impact Beds / Impact Bars

Impact Beds	22
Impact Bars	23

6. Skirting Systems

Side Skirts	24
-------------	----

7. Conveyor Idlers

Self-aligning Device	25
Carrier Self-aligning Idler	26
I-type Conveyor Belt Guide Idler	26
Push-type Belt Positioner	27

8. Stands / Rollers

Anti-vibrating Device Carrier Stand	28
Carrier Roller	29
Return Roller	29
Impact Roller	29

9. Sludge Removal System

Belt Cleaning Sludge Removal System	30-31
-------------------------------------	-------

10. Wear Liners

Polyurethane Ceramic Liners	32
Polyurethane Liners	32
UHMW-PE Liners	33

11. Flop Gates

Flop Gates	33
------------	----

12. Mounts

Vibrating Mounts	34-35
Anti-vibrating Mounts	36-37

13. Motor Base / Tensioning Device

Motor Base	38
Automatic Tensioning Device	38

1. Belt Cleaners

Primary Belt Cleaners	6-8
H-type Urethane Cleaner	6
H-type Urethane Cleaner (detachable)	7
H-type Tungsten Carbide Tipped Cleaner	8
Secondary Belt Cleaners	9-12
UP-type Urethane Tungsten Carbide Tip Cleaner	9
P-type Urethane Tungsten Carbide Tip Cleaner	9
U-type Urethane Cleaner	10
I-type Urethane Cleaner	10
Cartridge-type Urethane Secondary Cleaner	11
P-type 400 Rubber Tungsten Carbide Tip Cleaner	11
P-type Rubber Tungsten Carbide Tip Cleaner	12

Diagonal Plows

V - Plows	13
-----------	----

Brush Cleaners

Ceramic Cleaners	14
------------------	----

CP-type Cleaners

2. Tensioners

Primary Tensioners	16
Secondary Tensioners	17

3. Carbide Tips / Rubber Holders

Carbide Tips / Rubber Holders	18-19
-------------------------------	-------

4. Polyurethane Screens

Polyurethane Screens	20-21
----------------------	-------

BELT CLEANER

Primary Belt Cleaners

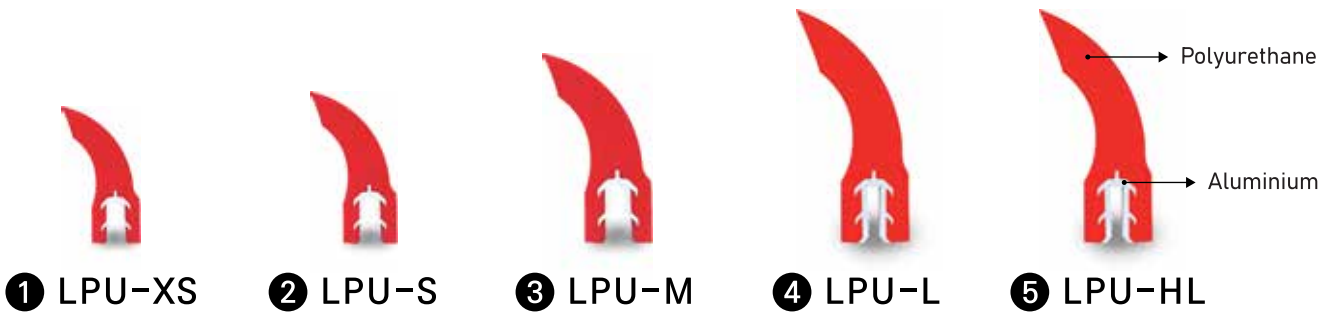
H-type Urethane Cleaner

● Features and Advantages

- The curved urethane H-type blade, manufactured using Lautec's long-established conveyor industry technology, offers more effective cleaning performance even with low pressure between the belt and the blade.
- The blade material, polyurethane, is highly durable and provides a long wear life.
- Urethane blade replacement can be done quickly, minimizing maintenance costs.
 - Belt width: Up to 2200mm or less
 - Belt speed: 1200 FPM (6.1 m/s)
 - Temperature range: -40°C to 150°C (-104°F to 302°F)



● H-type Urethane Cleaner Size Table



BELT WIDTH inches/mm	HEAD PULLEY DIAMETER – inches/millimeters					
	10” ~250mm	12~16” 350~400mm	18~22” 450~560mm	24~30” 600~760mm	32~38” 810~970mm	40~46” 1010~1220mm
12” / 300~400mm	①	① or ②	N/A	N/A	N/A	N/A
18” / 400~500mm	①	① or ②	③	N/A	N/A	N/A
24” / 500~650mm	①	① or ②	③	③	N/A	N/A
30” / 650~800mm	①	① or ②	③	③	N/A	N/A
36” / 800~1000mm	①	②	③	③	N/A	N/A
42” / 1000~1200mm	N/A	②	③	③	④ or ⑤	④ or ⑤
48” / 1200~1400mm	N/A	② or ③	③	③	④ or ⑤	④ or ⑤
54” / 1400~1600mm	N/A	② or ③	③	③ ④ or ⑤	④ or ⑤	④ or ⑤
60” / 1600~1800mm	N/A	N/A	③	③ ④ or ⑤	④ or ⑤	④ or ⑤
72” / 1800~2000mm	N/A	N/A	③ or ④	③ ④ or ⑤	④ or ⑤	④ or ⑤
84” / 2000~2200mm	N/A	N/A	③ or ④	③ ④ or ⑤	④ or ⑤	④ or ⑤

※ customizable based on site conditions

BELT CLEANER

Primary Belt Cleaners

H-type Urethane Cleaner (detachable)

● Features and Advantages

- The segmented design allows for quick urethane blade replacement, minimizing maintenance costs.
- The blade material, polyurethane, is highly durable and provides a long wear life.
- The curved urethane H-type blade offers more effective cleaning performance even with low pressure between the belt and the blade.



① LPU-HC

● Features and Advantages

- The slotted push structure of the blade allows for easy fastening and quick replacement, minimizing maintenance costs.
- The blade material, polyurethane, is highly durable and provides a long wear life.



② LA-MPC

※ customizable based on site conditions

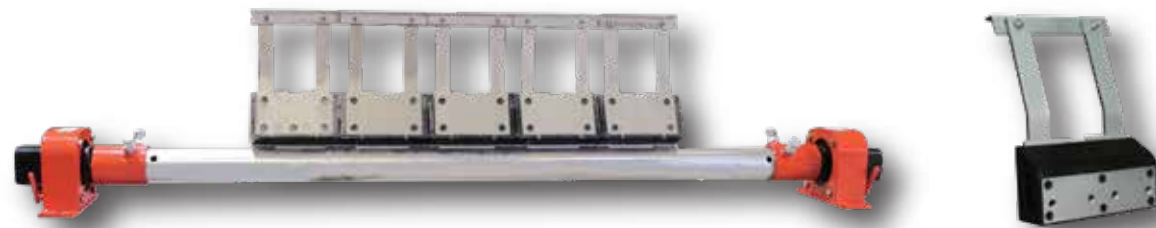
※ H-type Urethane Cleaner



BELT CLEANER

Primary Belt Cleaners

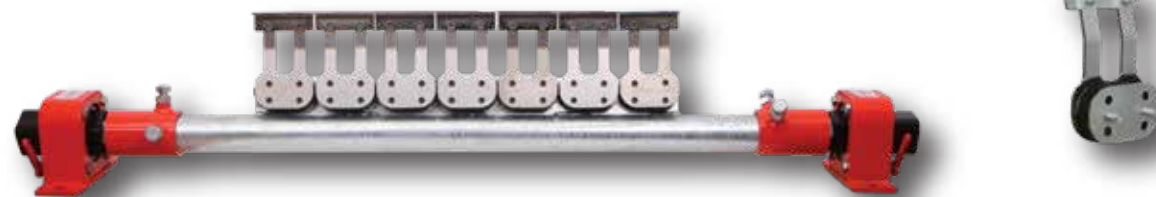
H-type Tungsten Carbide Tipped Cleaner



1 H-TYPE LATC200



2 H-TYPE LATC100



3 H-TYPE LATCB100

Features and Advantages

- Lautec manufactures its own tungsten carbide tips with excellent hardness and tensile strength, providing a long wear life.
- Lautec's patented rubber pressure device ensures consistent pressure between the cleaner and the conveyor belt, offering superior cleaning performance.
- The tungsten carbide tips can be individually repaired making it cost-effective.

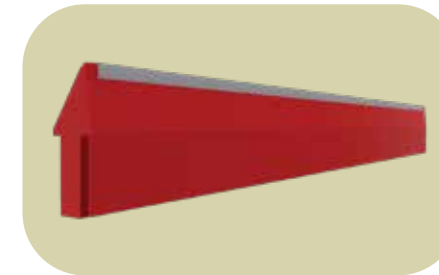


※ customizable based on site conditions

BELT CLEANER

Secondary Belt Cleaners

UP-type Urethane Tungsten Carbide Tipped Cleaner



Features and Advantages

- The Lautec UP-type urethane carbide cleaner is a patented product designed for precise cleaning of fine particles and scattered materials from conveyor belts.
- Designed to prevent foreign substances from adhering, allowing for long-lasting, effective cleaning.
- Lightweight aluminum frame allows easy replacement and maintenance.
- Provides effective cleaning with excellent wear resistance and precise carbide tip.

※ customizable based on site conditions



Features and Advantages

- The Lautec P-type urethane Tungsten Carbide Tipped cleaner is designed to precisely clean fine particles and other contaminants from conveyor belts.
- It offers effective cleaning with excellent wear resistance and precision.
- The integrated blade design ensures quick replacement and low maintenance costs.

※ customizable based on site conditions

BELT CLEANER

Secondary Belt Cleaners

U-type Urethane Cleaner

● Features and Advantages

✧ customizable based on site conditions

- The Lautec U-type urethane cleaner is designed with a special design, different from conventional U-type blades.
- The U-type blade includes a tungsten carbide tip with an arch-shaped U-type blade structure, allowing maximum surface pressure on the center of the conveyor belt for more effective and precise cleaning.



I-type Urethane Cleaner

● Features and Advantages

- The Lautec I-type urethane cleaner offers excellent wear resistance and durability.
- The cleaner's blade is designed for dual wear, allowing it to be flipped and used on both sides.
- The I-type urethane cleaner utilizes Lautec's patented spring pressurizing device, where the middle section moves left and right, ensuring that the cleaner stays closely aligned with the belt's movement, providing more effective cleaning.

✧ customizable based on site conditions



BELT CLEANER

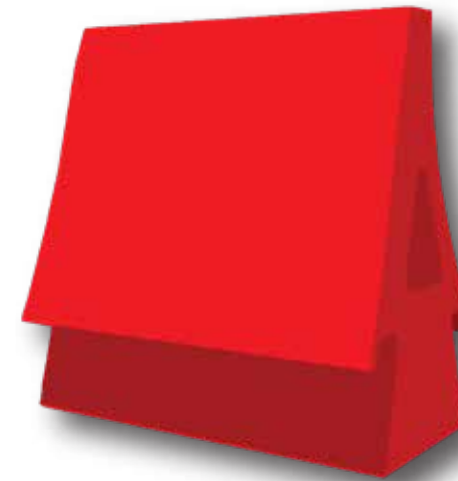
Secondary Belt Cleaners

Cartridge-type Urethane Secondary Cleaner

● Features and Advantages

- The slot push blade enables easy installation, quick replacement, and reduced maintenance costs.
- Made of polyurethane, the blade ensures durability and long wear life.

✧ customizable based on site conditions



P-type 400 Rubber Tungsten Carbide Tipped Cleaner

● Features and Advantages

- The Lautec P-type 400 rubber tungsten carbide tipped cleaner uses 3mm thick carbide tips, offering a longer wear life compared to conventional carbide cleaners.
- By using high-elasticity rubber, independent tension is applied through the rubber's own tension, maintaining consistent blade pressure for excellent cleaning performance.
- The 400mm rubber blade is a split-type cleaner, making replacement and maintenance easy.

✧ customizable based on site conditions



BELT CLEANER

Secondary Belt Cleaners

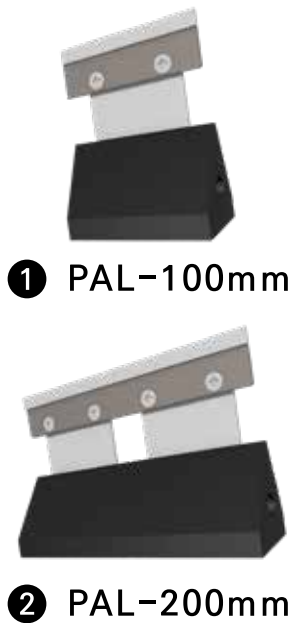
P-type Rubber Tungsten Carbide Tipped Cleaner



Features and Advantages

- Lautec's patented shock-absorbing holder uses high-quality, high-elasticity rubber to apply independent tension, maintaining consistent blade pressure and ensuring uniform pressure between the belt cleaner and the conveyor belt.
- The P-type carbide rubber cleaner can be replaced and maintained from either side of the conveyor belt, allowing for quicker and more convenient work.
- By using high-quality carbide tips, the cleaner provides excellent cleaning performance even at high temperatures and offers superior wear resistance.

※ customizable based on site conditions



1 PAL-100mm

2 PAL-200mm

Diagonal Plows

Features and Advantages

- The Lautec Diagonal-plow is designed to discharge foreign materials from the conveyor belt to one side.
- It enables quick and effective cleaning and is built to withstand harsh environments.
- Blades can be selected in either rubber or polyurethane.



Rubber Blade

Polyurethane Blade

※ customizable based on site conditions

BELT CLEANER

V - Plows



- 1 LPU-PVP (polyurethane)
- 2 LRB-PVP (rubber)



- 3 LPU-SVP (polyurethane)
- 4 LRB-SVP (rubber)

Features and Advantages

- Lautec's V-plow applies even pressure to effectively discharge foreign materials to both sides of the belt simultaneously.
- Replacement blades are available in high-wear-resistance rubber or urethane.
- The V-plow's self-adjusting blade is easy to maintain and adjusts automatically as it wears, staying aligned with the belt.
- Blades can be selected in either rubber or polyurethane.



Rubber Blade

Polyurethane Blade

※ customizable based on site conditions

BELT CLEANER

Brush Cleaners



● Features and Advantages

- Lautec's brush cleaner is a patented product that differs from traditional brush cleaners by using a spiral-shaped open brush to effectively clean foreign materials from the conveyor belt.
- The brush bristles are durable and wear-resistant, and can be easily replaced when needed.
- The brush cleaner rotates in the opposite direction of the belt's movement for effective cleaning.



※ customizable based on site conditions

Ceramic Cleaners

● Features and Advantages

- Lautec's ceramic cleaner offers highly effective cleaning performance and is made of wear-resistant, high-quality ceramic tips.
- Using Lautec's spring pressurizing device minimizes the chance of gaps between the belt and the ceramic tips.
- Unlike traditional ceramic cleaners, this one features urethane protective caps on both ends of the wire to prevent belt damage.



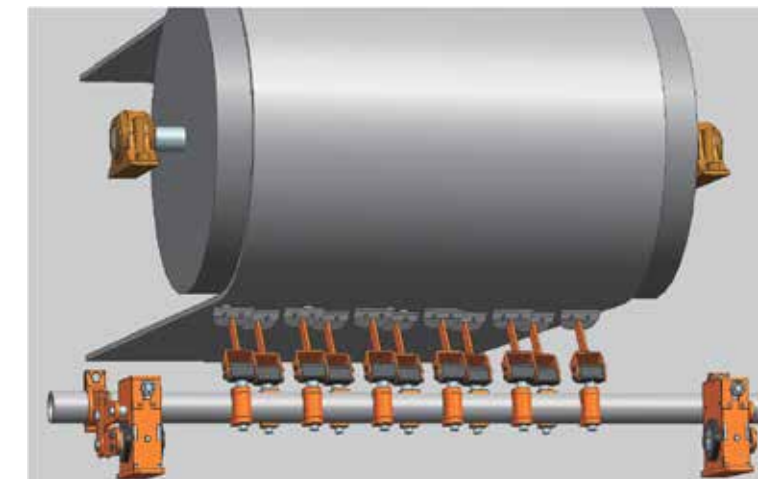
※ customizable based on site conditions



BELT CLEANER

CP-type Cleaners

① CP1-TYPE CLEANER

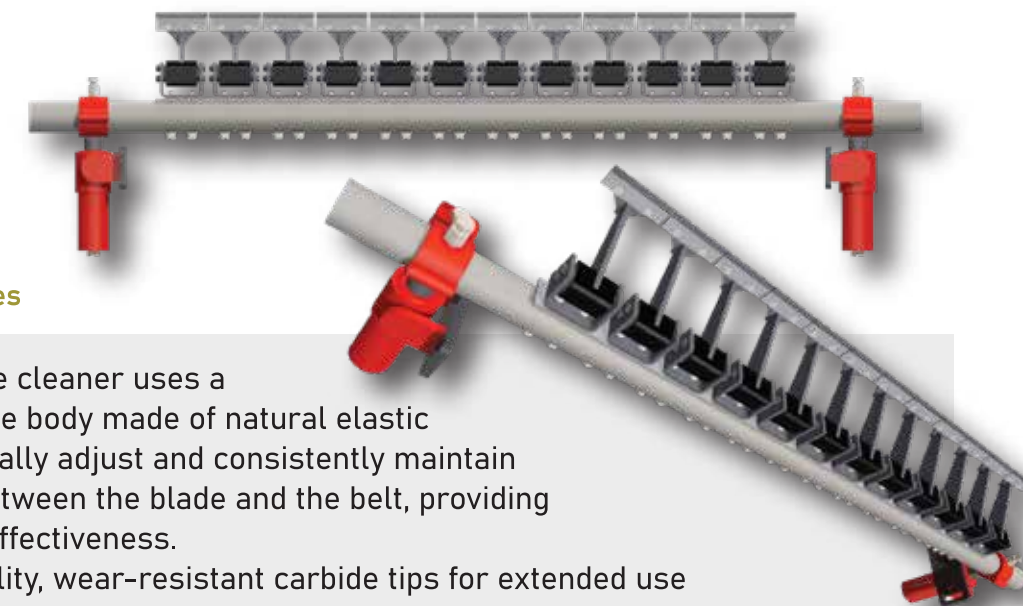


● Features and Advantages

※ customizable based on site conditions

- The Lautec CP1-type cleaner uses high-quality, wear-resistant carbide tips, allowing for longer usage compared to conventional belt cleaners.
- When replacing the cleaner, only the carbide tips need to be replaced separately from the natural elastic rubber self-tensioning blade body, making replacement and maintenance easy.
- The blade is designed to form its shape according to the belt's stretching and lateral pressure movements, providing excellent cleaning performance and preventing the escape of materials.

② CP2-TYPE CLEANER



● Features and Advantages

- The Lautec CP2-type cleaner uses a self-tensioning blade body made of natural elastic rubber to automatically adjust and consistently maintain contact pressure between the blade and the belt, providing excellent cleaning effectiveness.
- It features high-quality, wear-resistant carbide tips for extended use compared to conventional belt cleaners.
- Only the carbide tips need to be replaced during maintenance, making replacement and upkeep easy.

※ customizable based on site conditions

TENSIONERS

Primary Tensioners



1 Primary Spring Tensioners

● Features and Advantages

- Lautec's spring tensioner provides effective cleaning pressure while absorbing shocks to prevent belt damage.
- The adjustable "L" bracket pressurizing device includes urethane and springs.
- The robust spring pressurizing device uses a strong coil spring to provide efficient tension for high-strength belt cleaners and withstand harsh environments.

● Features and Advantages

- The ratchet gear-type rubber pressurizing device provides consistent tension between the belt cleaner and the conveyor belt using natural elastic rubber rotational pressure.
- The rubber pressurizing device allows for easy maintenance of the cleaner.
- It enables safe adjustment of the cleaner pressure even while the conveyor belt is operating.



2 Primary Rubber Tensioners

● Features and Advantages

- The Lautec bolt rubber pressurizing device adjusts tension with bolts and uses natural elastic rubber pressure for consistent force between the cleaner and conveyor belt.
- Its compact design allows for easy maintenance, replacement, and repair in tight spaces.



3 Primary Bolt Rubber Tensioners

※ customizable based on site conditions

TENSIONERS

Secondary Tensioners



1 Secondary Spring Tensioners

● Features and Advantages

- The Lautec spring pressurizing device uses a suspension principle, with the middle section moving left and right to keep the cleaner tightly aligned with the belt for effective cleaning.
- The pressurizing anti-release cover effectively maintains consistent pressure during conveyor belt operation and simplifies cleaner maintenance.

● Features and Advantages

- The Lautec patented rubber pressurizing device adjusts pressure easily with a handle and maintains consistent tension using the rubber tensioner. It ensures long life, easy maintenance, and excellent shock absorption.



2 Secondary Rubber Tensioners

● Features and Advantages

- The Lautec bolt rubber pressurizing device adjusts the cleaner's tension with bolts and maintains consistent tension between the belt cleaner and conveyor belt using natural elastic rubber rotational pressure.
- Its compact size makes it easy to maintain, replace, and repair even in small spaces.



3 Secondary Bolt Rubber Tensioners

※ customizable based on site conditions

TUNGSTEN CARBIDE TIPS

● Features and Advantages

- Lautec's carbide tips offer excellent wear resistance and superior cleaning performance even at high temperatures.
- The split-type carbide tips are easy to replace and maintain.
- Available in various sizes, they provide outstanding cleaning effectiveness in diverse conditions.

✂ customizable based on site conditions



P100



P200



H100



H150



H200



H100 angled



P100 left / right

RUBBER HOLDERS

● Features and Advantages

- Lautec's rubber holders provide excellent shock absorption with natural elastic rubber and are available in various designs for optimal field efficiency.
- Made from 100% stainless steel, they ensure superior corrosion resistance and durability.

✂ customizable based on site conditions



I100 holder



I200 holder



P100 holder



P200 holder



H100 holder



H200 holder

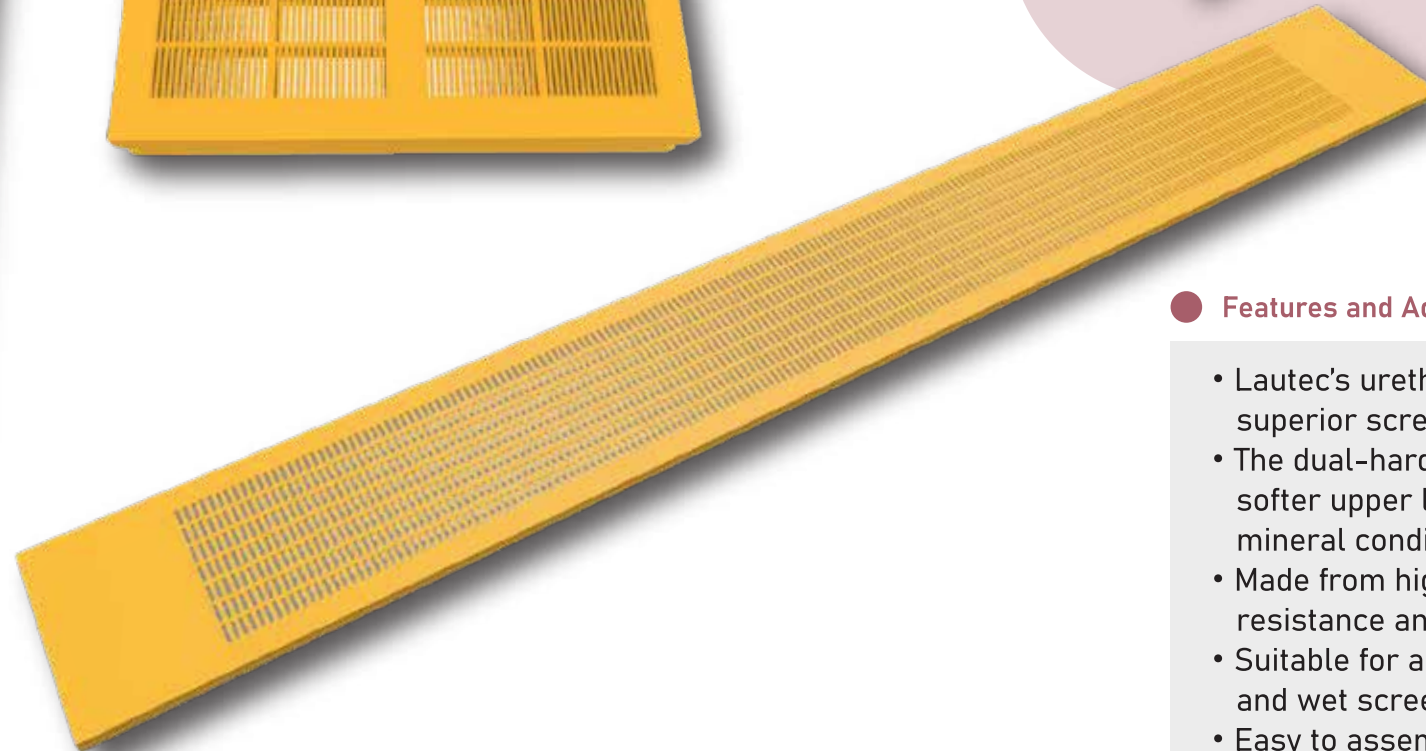
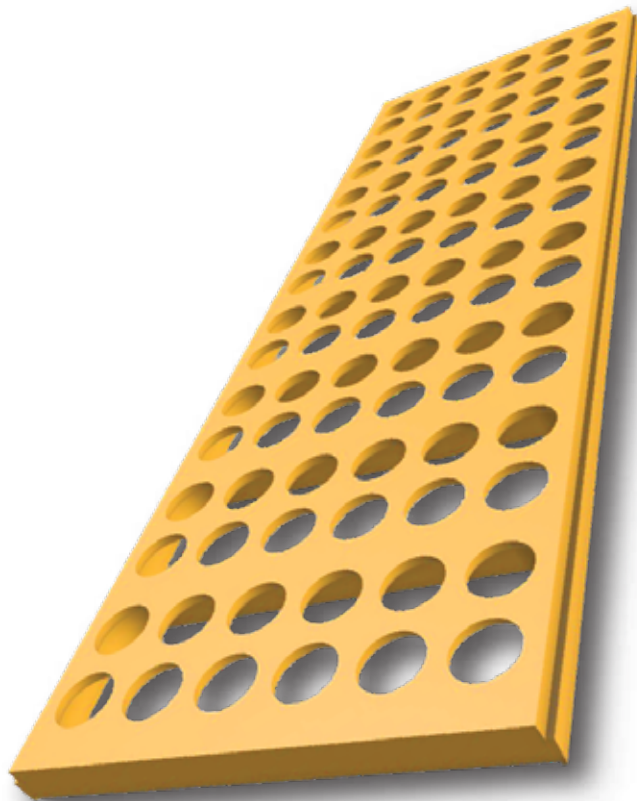
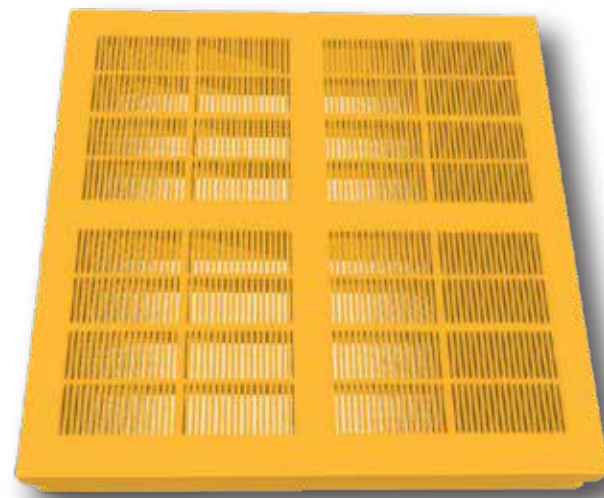
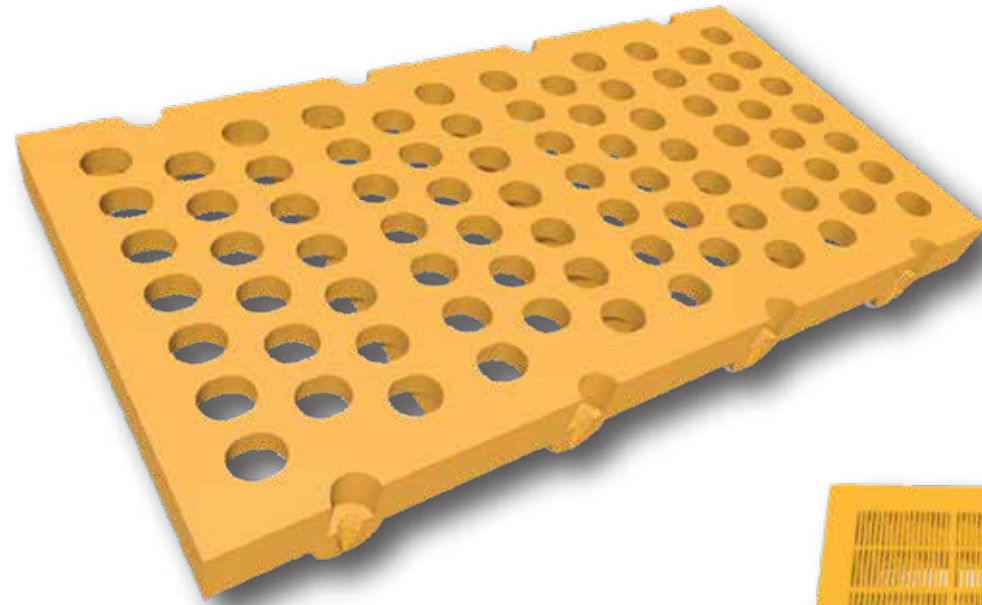


H100 round holder

All products are manufactured in-house by Lautec, with quality assurance, custom orders available, and options to choose between carbide tips and ceramic tips.

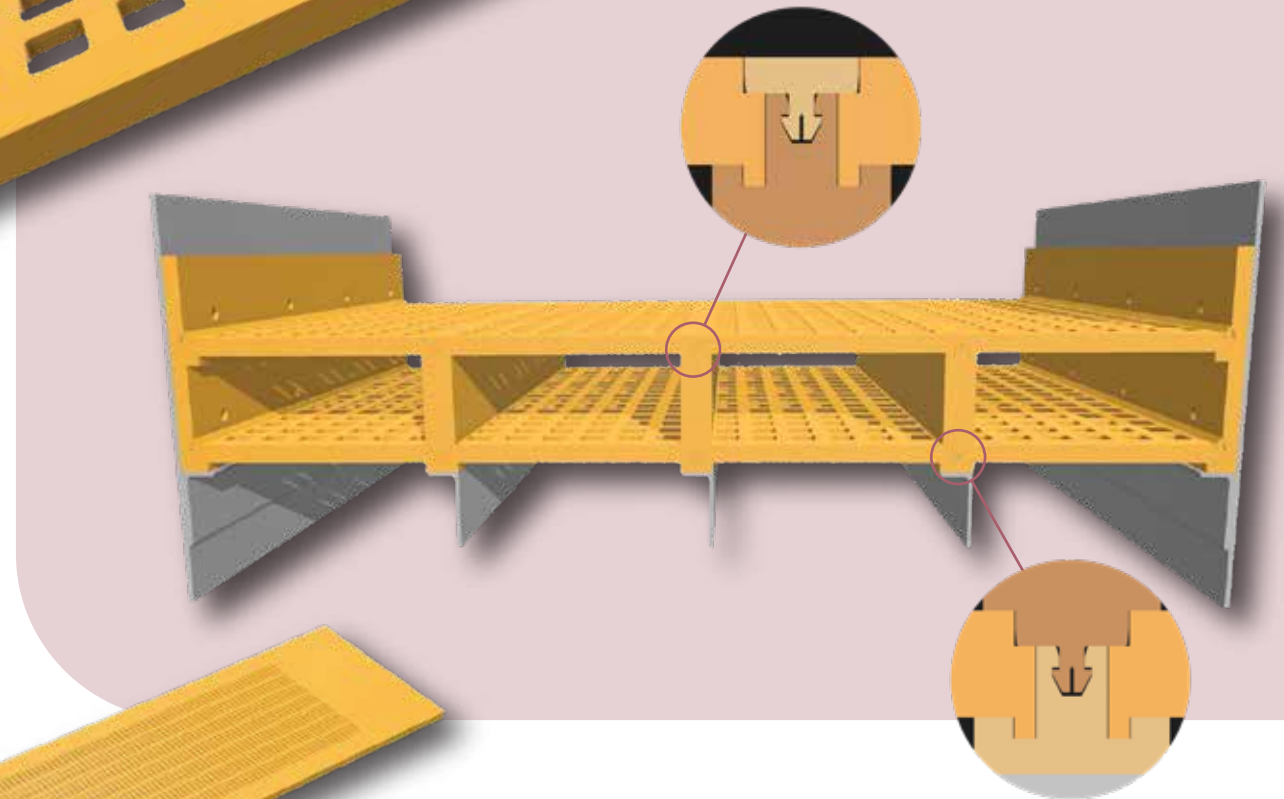
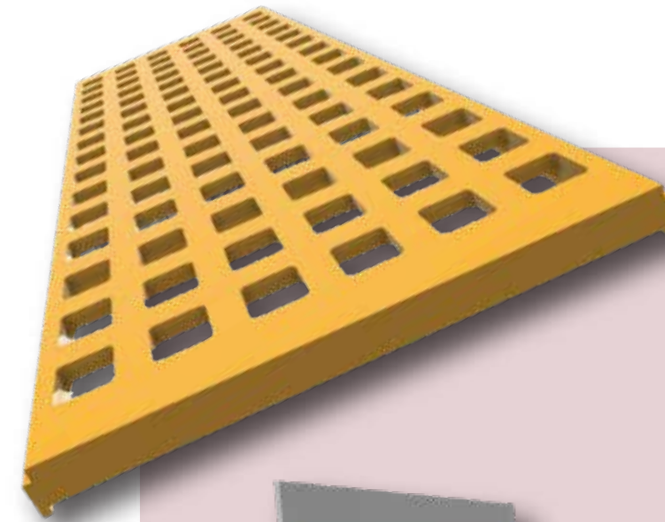
POLYURETHANE SCREEN

※ Suppliers to Hyundai Steel / POSCO



POLYURETHANE SCREEN

Laotec Patented Fastening System



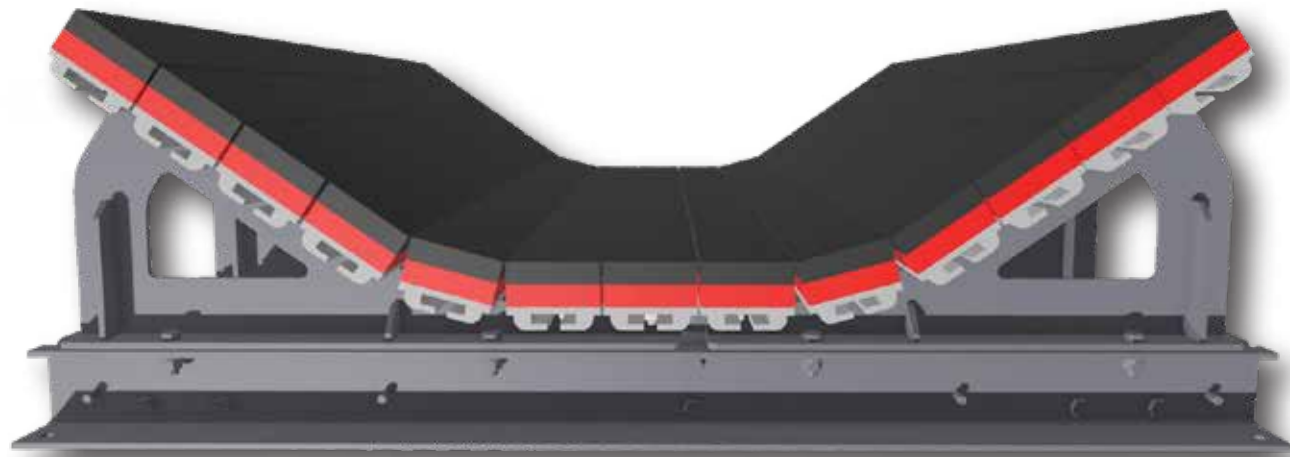
● Features and Advantages

- Laotec's urethane screens have excellent rebound elasticity, providing superior screening efficiency.
- The dual-hardness urethane screens feature a hard lower layer and a softer upper layer, preventing screen holes from clogging under any mineral conditions.
- Made from high-quality urethane material, they offer excellent wear resistance and durability.
- Suitable for all types of mineral screening, and applicable to both dry and wet screening conditions.
- Easy to assemble and replace, with custom manufacturing available for all products.

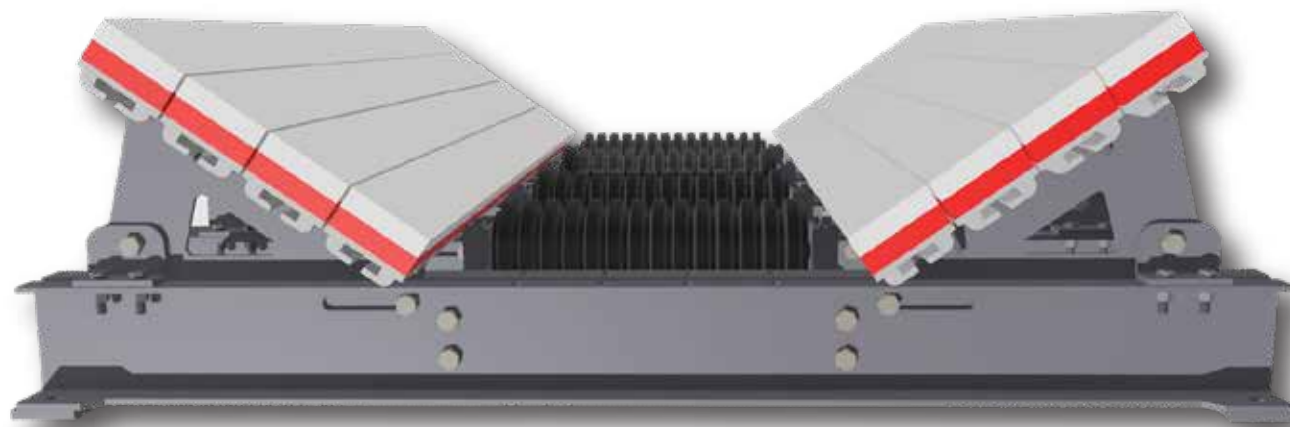
※ customizable based on site conditions

IMPACT BEDS


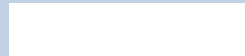
Impact Beds





Hybrid Impact Beds

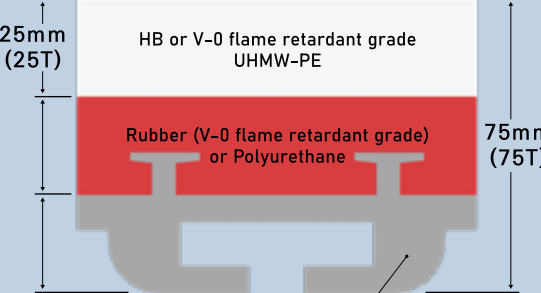


Flame retardant grade of impact bar UHMW-PE can be selected.

 V-0 Flame Retardant Grade  HB Flame Retardant Grade

Impact bar cushion layer can be selected from rubber or polyurethane.

 Rubber (V-0 Flame Retardant Grade)  Polyurethane



IMPACT BARS

Impact Bar Flame Retardant Grade

Grade	Flame Retardent
V-0	<p style="text-align: center;">HIGH</p> <p style="text-align: center;">↑</p> <p style="text-align: center;">LOW</p>
V-1	
V-2	
HB	

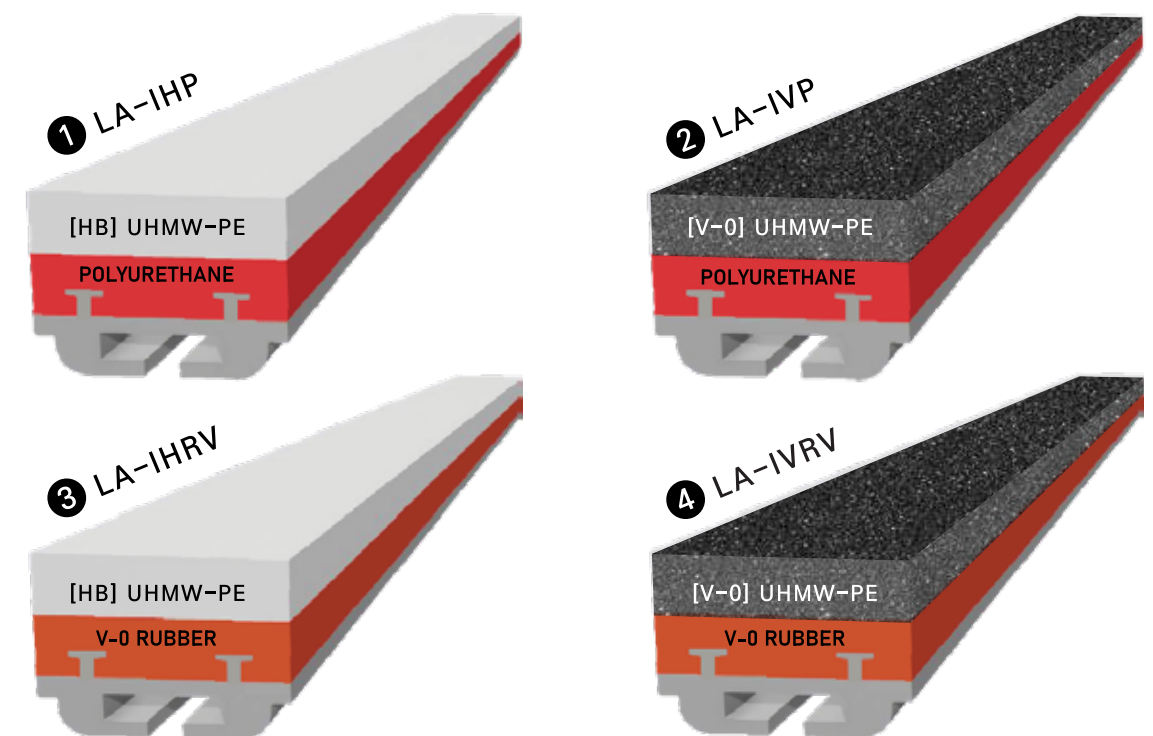
Key Features of UHMW-PE

UHMW-PE (Ultra-High-Molecular-Weight Polyethylene) with a higher molecular weight provides excellent impact resistance, low friction, and self-lubrication, increasing wear life and energy efficiency. It is widely used in sliding blocks and linings.

Features and Advantages

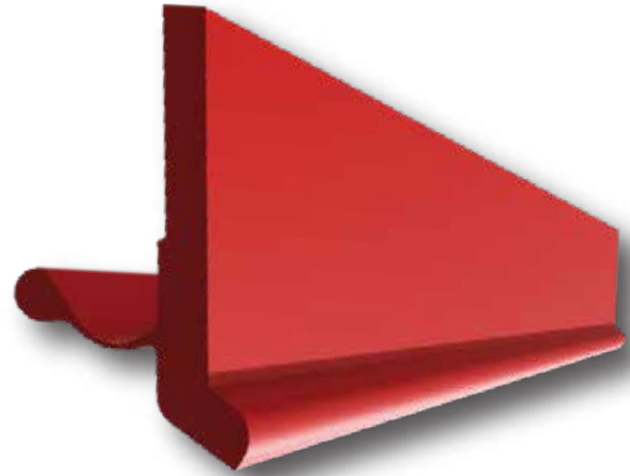
- Laotec's impact bed is a patented product designed to protect conveyor belts and other systems from damage caused by falling heavy objects.
- Impact bar - thickness of **25mm** and made from **9 million** molecular weight ultra-high-molecular-weight polyethylene (UHMW-PE) with a flame retardant **V-0** rating, offers more than **twice** the lifespan compared to the standard 8mm impact bar.
- Impact absorption - The frame is designed to handle heavy impacts.
- Modular design - Impact beds can be manufactured according to the impact range of materials.
- The impact bar meets global standards for compatibility with all systems.

※ customizable based on site conditions



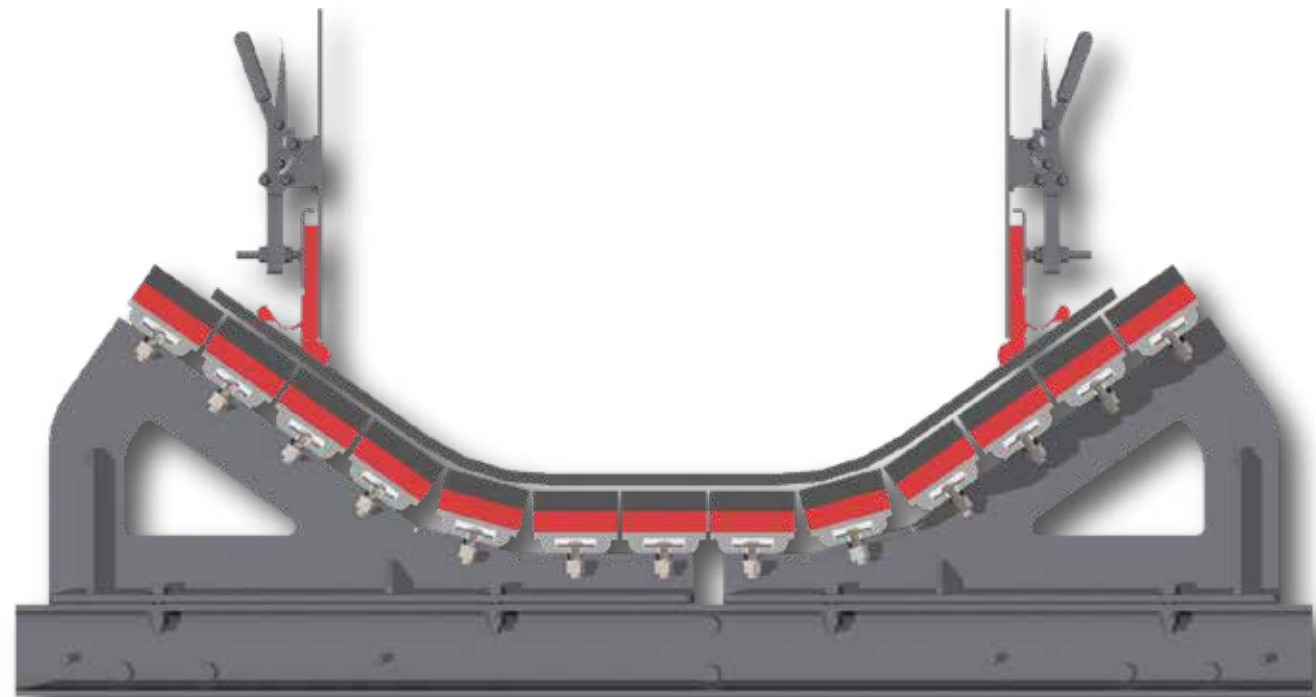
SKIRTING SYSTEMS

Side Skirts



● Features and Advantages

- The Lautec side skirt system features a dual-sealing structure that prevents material leakage on high-speed belts and provides more effective sealing.
- Made from wear-resistant polyurethane, it offers longer usage and superior performance compared to traditional side skirts.
- The side skirt is easy to assemble and replace, with custom sizes available.



✘ customizable based on site conditions

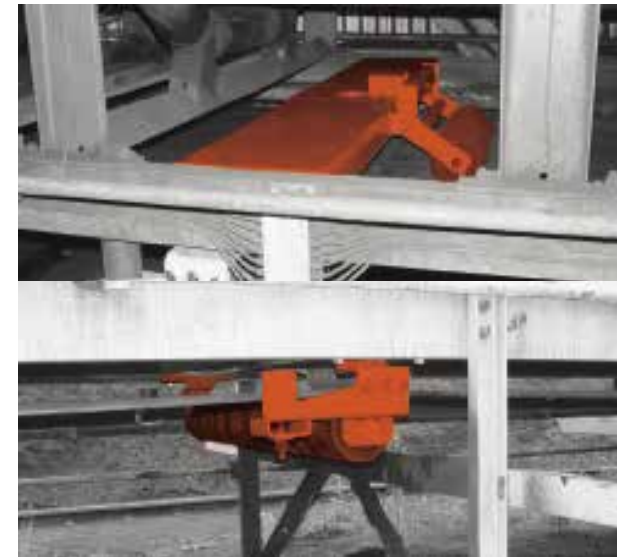
CONVEYOR IDLERS

Self-aligning Device

● Features and Advantages

- The Lautec upward automatic tension device, certified as a New Product Certification, prevents belt misalignment and rolling (swaying).
- Installed on the upper side of the conveyor belt's return roller, the automatic tension device's drive shaft moves laterally without issues caused by ore-related blockages.
- It prevents belt rolling through a pressure roller that presses on the upper surface of the conveyor belt.
- With integrated return roller and guide roller brackets, it offers easy maintenance, installation, and replacement.
- It prevents premature wear of the return roller and ensures stable material transport.

✘ customizable based on site conditions



CONVEYOR IDLERS

Carrier Self-aligning Idler

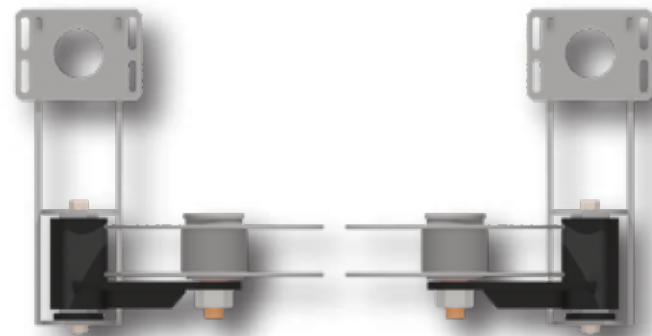


Features and Advantages

- The carrier self-aligning idler uses tapered rubber rollers on both sides, with the center of the device moving laterally to prevent conveyor belt misalignment.
- The device is designed for easy maintenance and user-friendly operation.

✘ customizable based on site conditions

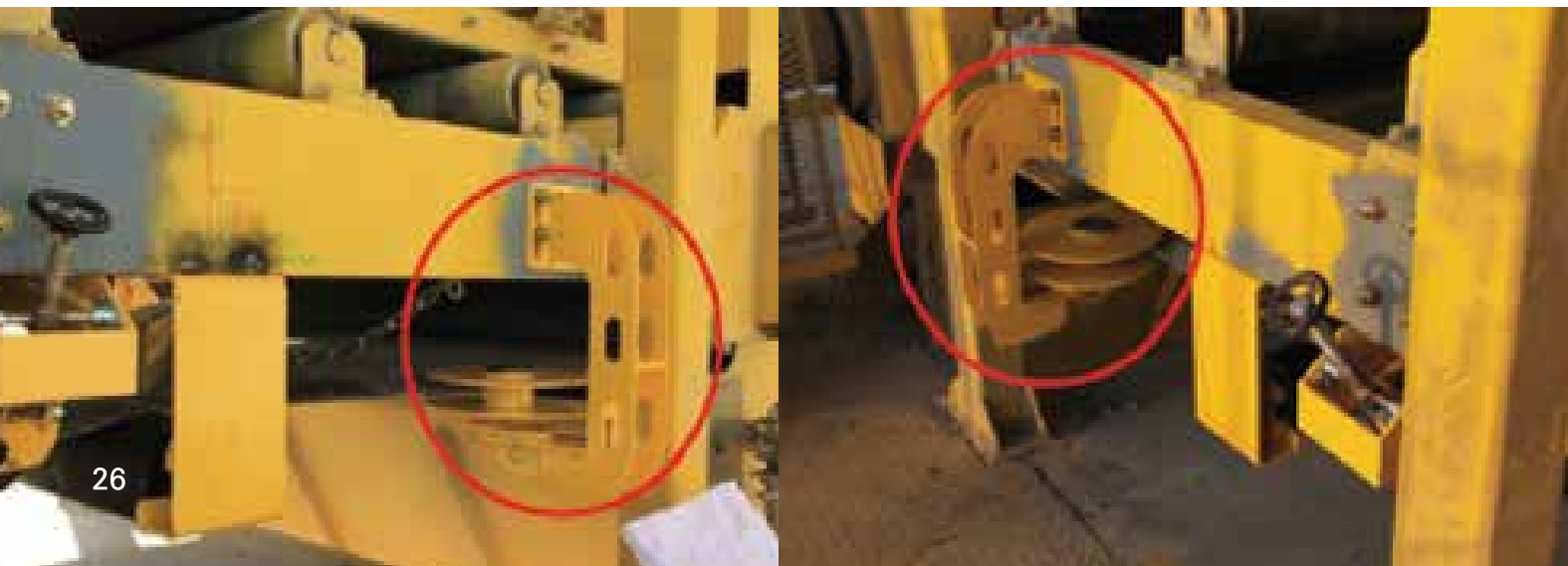
I-type Conveyor Belt Guide Idler



Features and Advantages

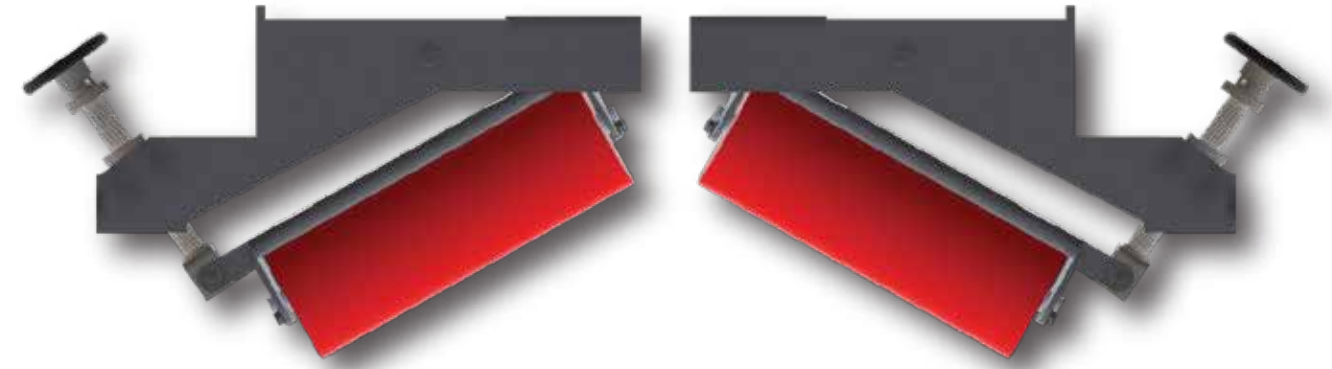
- The Lautec I-type conveyor belt guide idler device can be installed widely without significant impact from conveyor belt width size and maintains consistent pressure with its natural elastic rubber tensioner.
- The device uses high-performance bearings, allowing for long-term use even in extreme conditions.
- It performs excellently on conveyors operating in both directions.

✘ customizable based on site conditions



CONVEYOR IDLERS

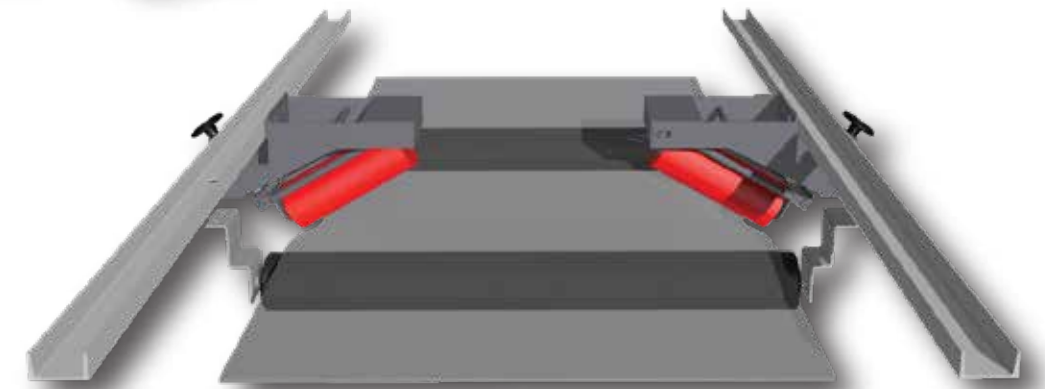
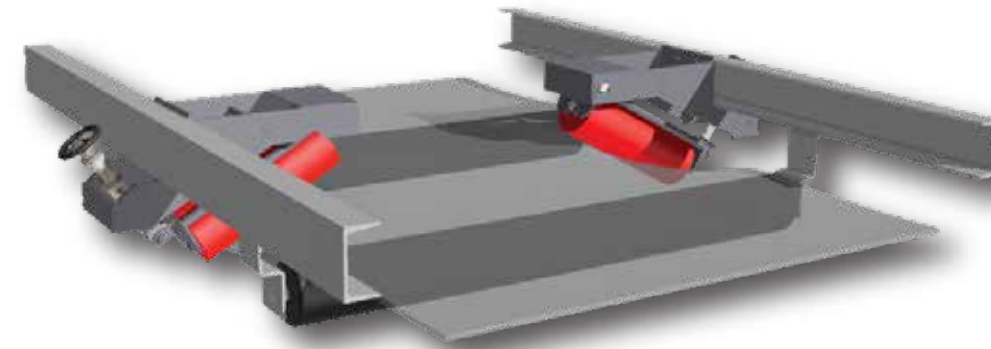
Push-type Belt Positioner



Features and Advantages

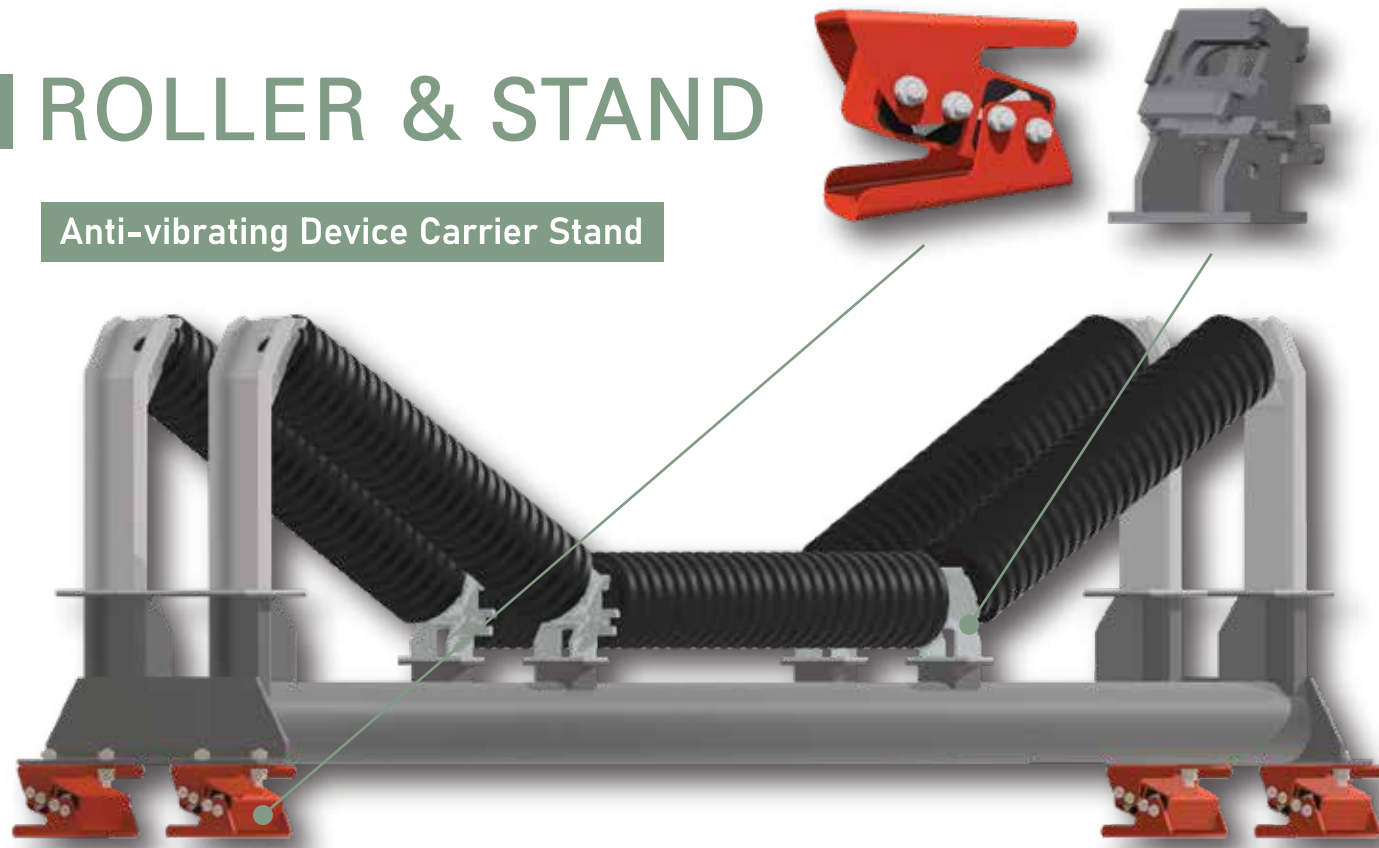
- The Lautec Push-type belt positioner is installed on both sides of the return belt to prevent belt misalignment.
- The push roller is designed for easy pressure adjustment with a pressure handle.
- Its design allows for easy installation, replacement, and excellent maintenance.

✘ customizable based on site conditions



ROLLER & STAND

Anti-vibrating Device Carrier Stand

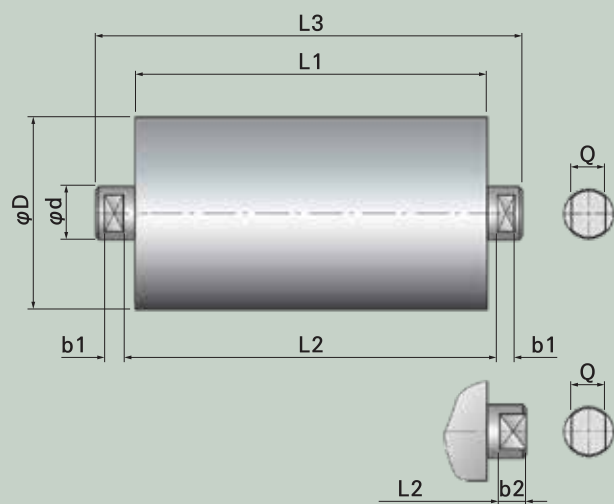


※ customizable based on site conditions

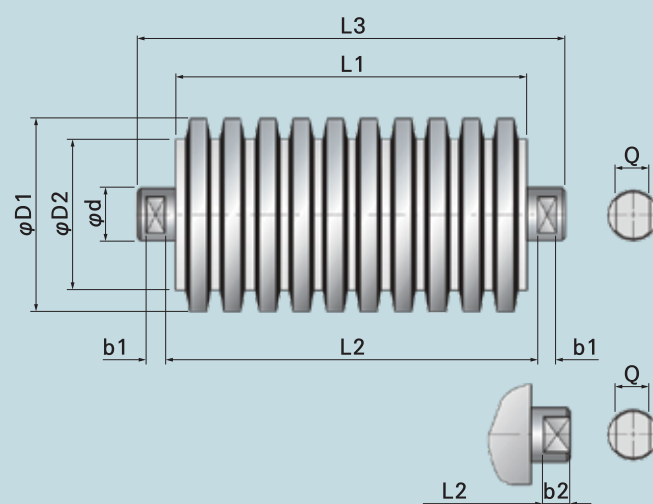
Features and Advantages

- The Lautec Anti-vibrating device carrier stand absorbs impacts from heavy materials such as iron ore and coal falling from above in the chute zone, extending the lifespan of the rollers.
- When heavy materials travel on the conveyor belt, the carrier rollers often experience load-induced failures and require maintenance. Lautec's patented roller slide fastening system allows for easy installation, replacement, and maintenance.

Carrier Roller / Return Roller



Impact Roller



ROLLER & STAND

Roller type	Belt width (mm)	Dimensions (mm)								Bearing No.	Weight (kg)
		φD	φd	L1	L3	L2	b1	b2	Q		
LACR-400	400	89.1	20	145	175	153	20	11	14	6204zz	2.1
LACR-450	450			165	195	173					2.3
LACR-500	500			180	210	188					2.5
LACR-600-1	600			210	240	218					2.7
LACR-600-2				265	295	273					3.5
LACR-750	750			114.3	315	345					323
LACR-900	900	139.8	25	370	410	380	11.2	15	18	6205zz	7.1
LACR-1050	1050			420	460	430					7.9
LACR-1200	1200			500	540	510					22.4
LACR-1400	1400	580	620	590	13.8						
LACR-1600	1600	165.2	35	650	690	660	25	6207zz	25	6207zz	16.4
LACR-1800	1800			730	770	740					18.6
LACR-2000	2000	40	30	800	840	810	31	6308zz	31	6308zz	23.4
LACR-2200	2200			800	840	810					23.4

Roller type	Belt width (mm)	Dimensions (mm)								Bearing No.	Weight (kg)
		φD	φd	L1	L3	L2	b1	b2	Q		
LARR-400	400	89.1	20	460	505	480	8	12.5	14	6204zz	5.1
LARR-450	450			510	555	530					5.5
LARR-500	500			560	605	580					6.0
LARR-600-1	600			660	705	680					6.9
LARR-600-2				850	905	880					8.9
LARR-750	750			114.3	1000	1055					1030
LARR-900	900	139.8	25	1150	1215	1180	11.2	17.5	18	6205zz	19.4
LARR-1050	1050			1300	1365	1330					21.7
LARR-1200	1200			1530	1585	1550					22.4
LARR-1400	1400	1730	1785	1750	36.9						
LARR-1600	1600	165.2	35	2000	2075	2040	25	6207zz	25	6207zz	47.2
LARR-1800	1800			2200	2275	2240					51.6
LARR-2000	2000	40	30	2400	2475	2440	31	6308zz	31	6308zz	63.1
LARR-2200	2200			2400	2475	2440					63.1

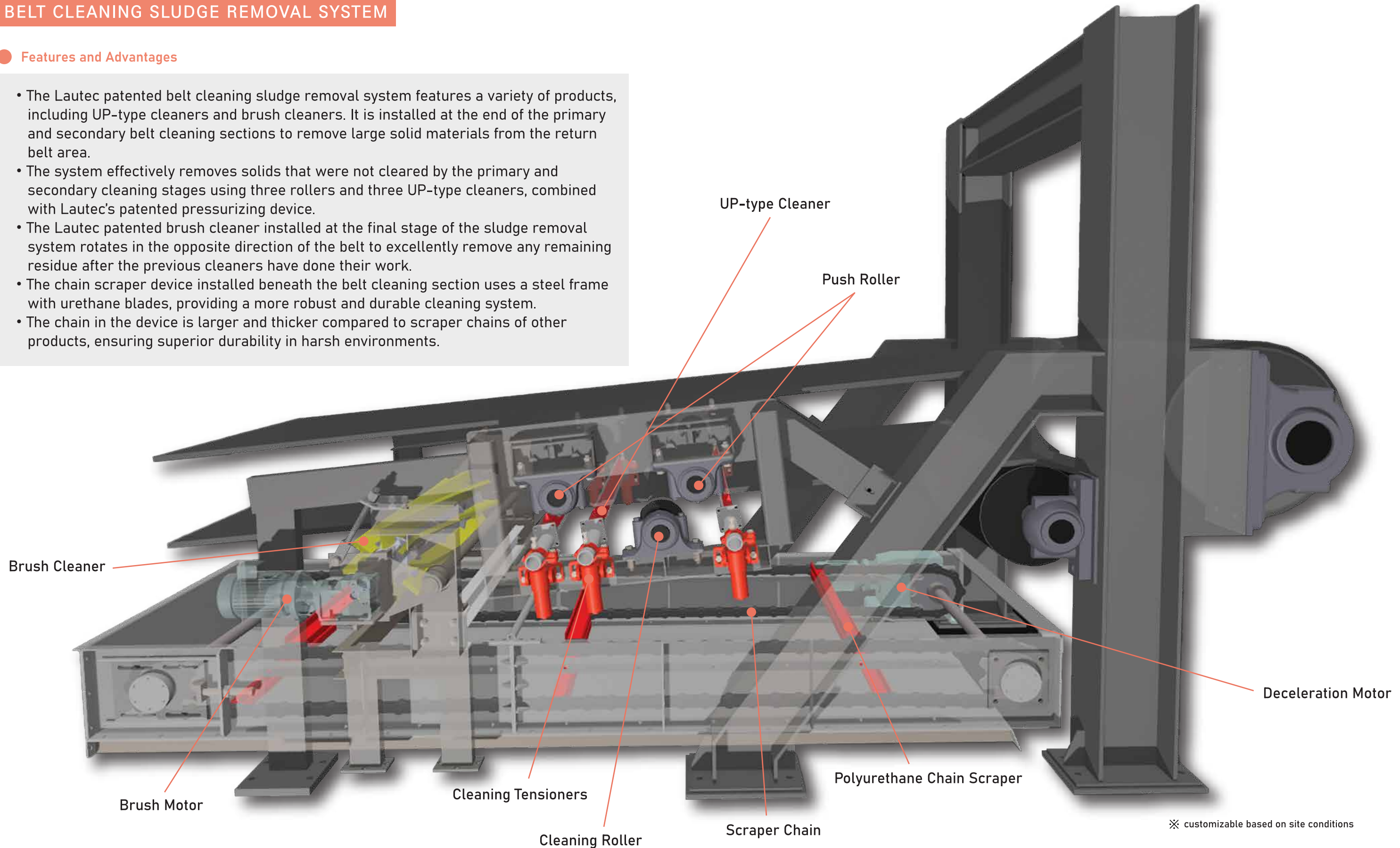
Roller type	Belt width (mm)	Dimensions (mm)								Bearing No.	Weight (kg)	
		φD1	φD2	φd	L1	L3	L2	b1	b2			Q
LAIR-400	400	90	70	20	145	175	153	8	11	14	6204zz	2.2
LAIR-450	450				165	195	173					2.4
LAIR-500	500				180	210	188					2.6
LAIR-600-1	600				210	240	218					2.8
LAIR-600-2					265	295	273					4.2
LAIR-750	750				115	95	315					345
LAIR-900	900	140	110	25	370	410	380	11.2	15	18	6205zz	9.4
LAIR-1050	1050				420	460	430					10.7
LAIR-1200	1200				500	540	510					22.4
LAIR-1400	1400	580	620	590	19.4							
LAIR-1600	1600	166	136	35	650	690	660	25	6207zz	25	6207zz	22.6
LAIR-1800	1800				730	770	740					25.9
LAIR-2000	2000	40	30	40	800	840	810	31	6308zz	31	6308zz	26.1
LAIR-2200	2200				800	840	810					26.1

SLUDGE REMOVAL SYSTEM

BELT CLEANING SLUDGE REMOVAL SYSTEM

● Features and Advantages

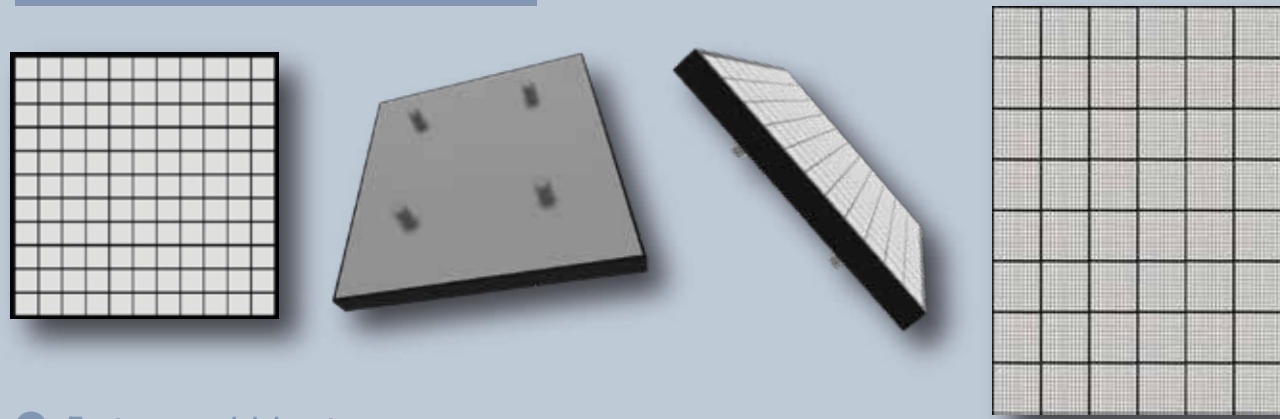
- The Lautec patented belt cleaning sludge removal system features a variety of products, including UP-type cleaners and brush cleaners. It is installed at the end of the primary and secondary belt cleaning sections to remove large solid materials from the return belt area.
- The system effectively removes solids that were not cleared by the primary and secondary cleaning stages using three rollers and three UP-type cleaners, combined with Lautec's patented pressurizing device.
- The Lautec patented brush cleaner installed at the final stage of the sludge removal system rotates in the opposite direction of the belt to excellently remove any remaining residue after the previous cleaners have done their work.
- The chain scraper device installed beneath the belt cleaning section uses a steel frame with urethane blades, providing a more robust and durable cleaning system.
- The chain in the device is larger and thicker compared to scraper chains of other products, ensuring superior durability in harsh environments.



※ customizable based on site conditions

CHUTE LINERS

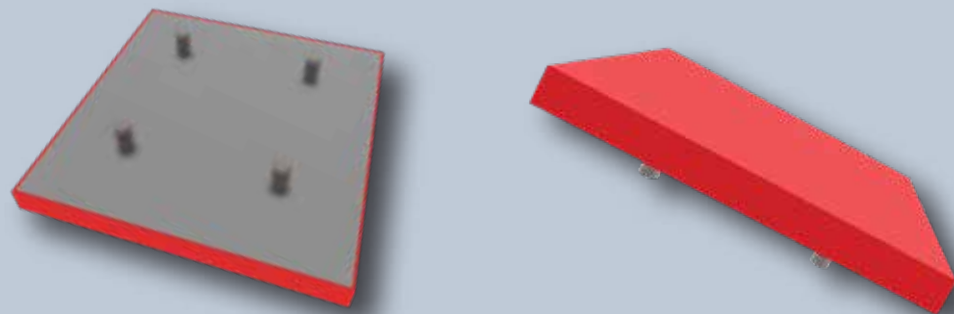
Polyurethane Ceramic Liners



● Features and Advantages

- This liner is made by combining the excellent wear resistance of ceramic with high-quality urethane properties.
- Lautec's technology enhances the bonding of urethane to ceramic, addressing issues of ceramic detachment and cracking, while also providing superior noise reduction.
- Compared to traditional rubber liners, using urethane improves resistance to sticking and makes assembly and replacement easier.
- Urethane color options are available.

Polyurethane Liners

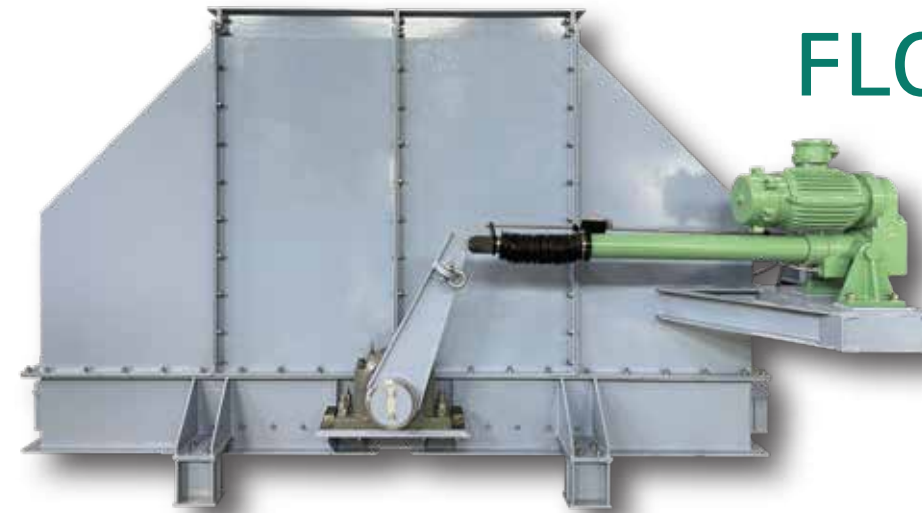


● Features and Advantages

- Urethane's excellent wear resistance allows it to be used in various applications to protect all types of equipment.
- Its rubber-like elasticity minimizes impact and noise from minerals.
- With a low coefficient of friction, it offers excellent resistance to sticking.
- Urethane color options are available.

✂ customizable based on site conditions

FLOP GATES



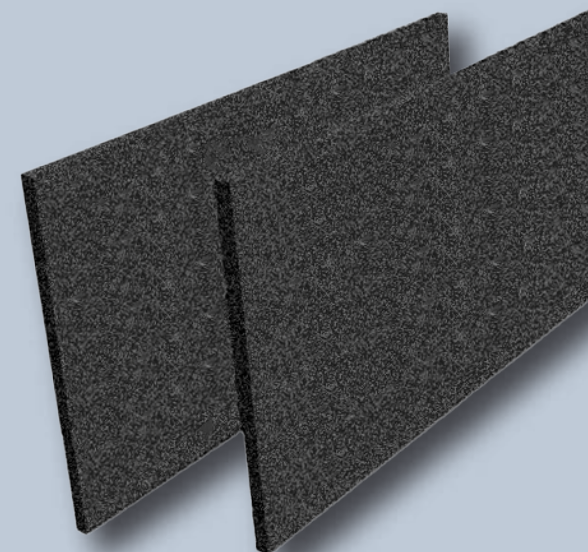
● Features and Advantages

- The Lautec flop gate is custom-made to provide material flow diversion and splitting functions.
- The interior chute of the flop gate features Lautec's urethane ceramic liner for superior resistance to sticking, ceramic detachment, and cracking, or it can be lined with other durable materials.

✂ customizable based on site conditions



UHMW-PE Liners

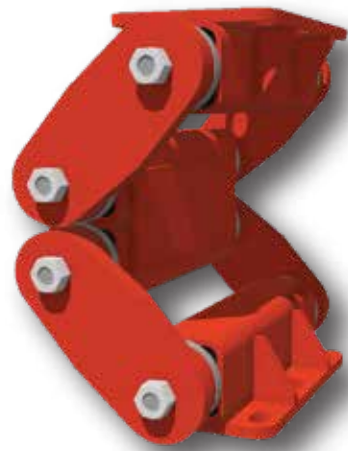


● Features and Advantages

The Lautec UHMW-PE liner is made from V-0 flame-retardant grade ultra-high molecular weight polyethylene (PE) with a molecular weight of 9 million. It offers exceptionally low friction, high wear resistance, impact resistance, and anti-sticking properties, providing superior performance compared to traditional liners.

MOUNTS

Vibrating Mounts



LOM TYPE



LB-D TYPE



LD-S TYPE

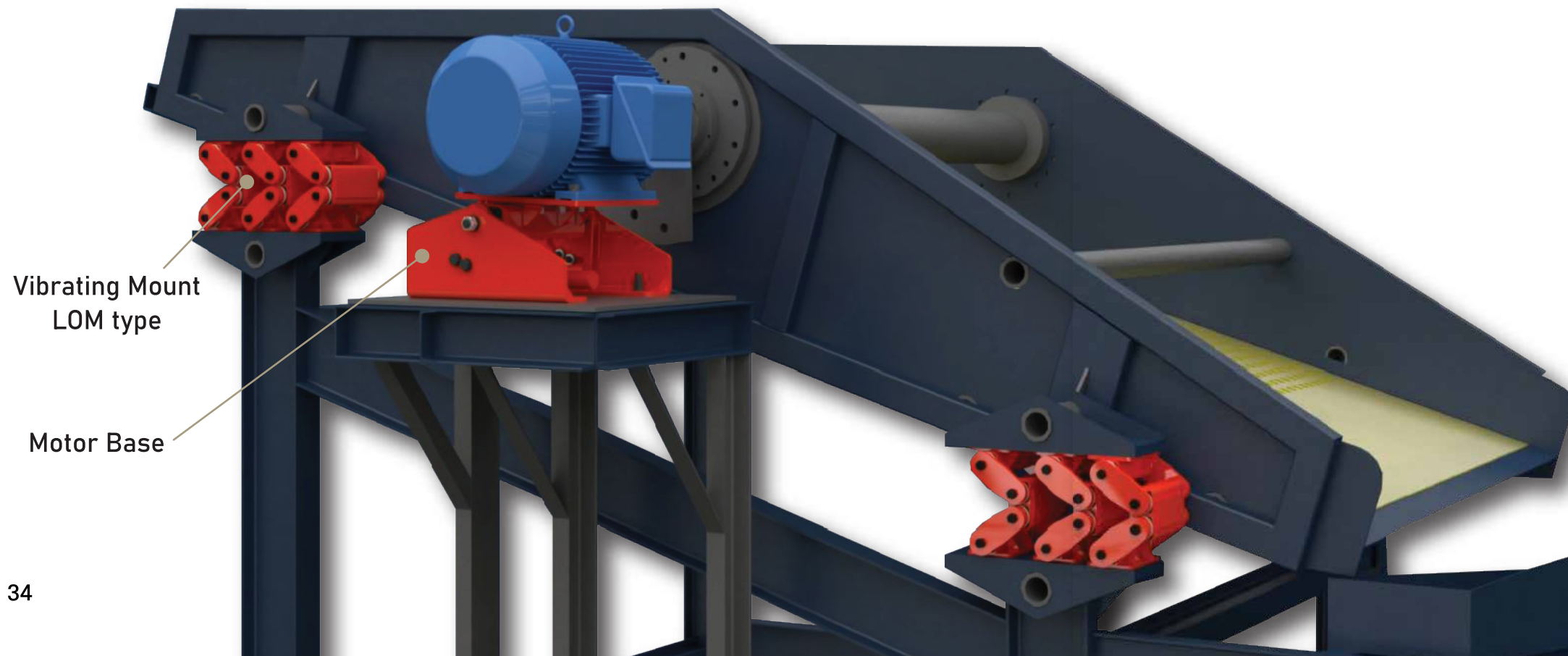


LB TYPE

Features and Advantages

- The Lautec vibrating mount absorbs shocks and vibrations, providing a quiet and smooth operation.
- The natural elastic rubber cushion mount absorbs shocks and vibrations, offering effective vibration isolation.
- The absorption of dynamic energy helps ensure stability and improves productivity.

✘ customizable based on site conditions





Vibrating Mount
LOM type

Motor Base

MOUNTS

Product Comparison

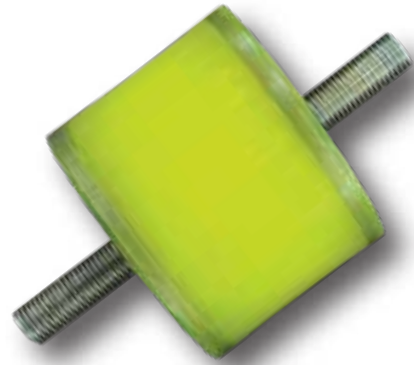
Coil Springs	Lautec Tensioners
	
Short lifespan Prone to corrosion	Long lifespan Resistant to corrosion
Poor vibration & shock absorption	Excellent vibration & shock absorption
Low force stability Inconsistent range of motion	High force stability Consistent range of motion
Cannot eliminate unnecessary residual force	Completely eliminates unnecessary residual force

MOUNTS

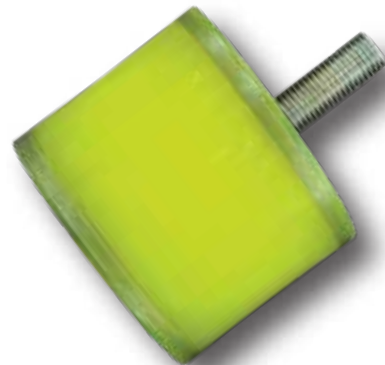
Anti-vibrating Mounts



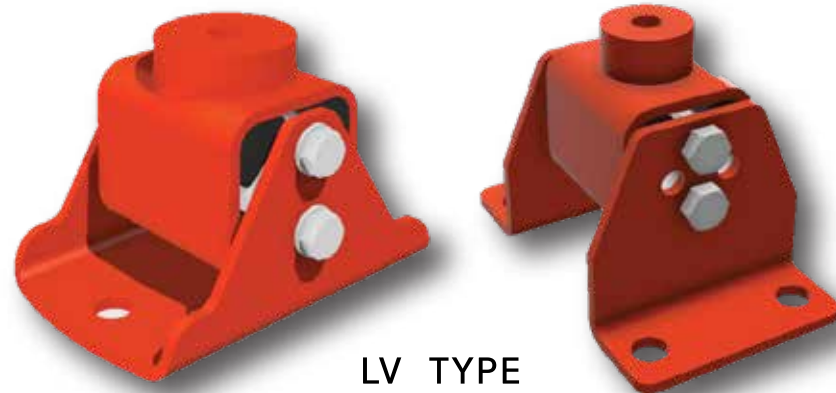
LSL TYPE



LUM-DB TYPE



LUM-BN TYPE



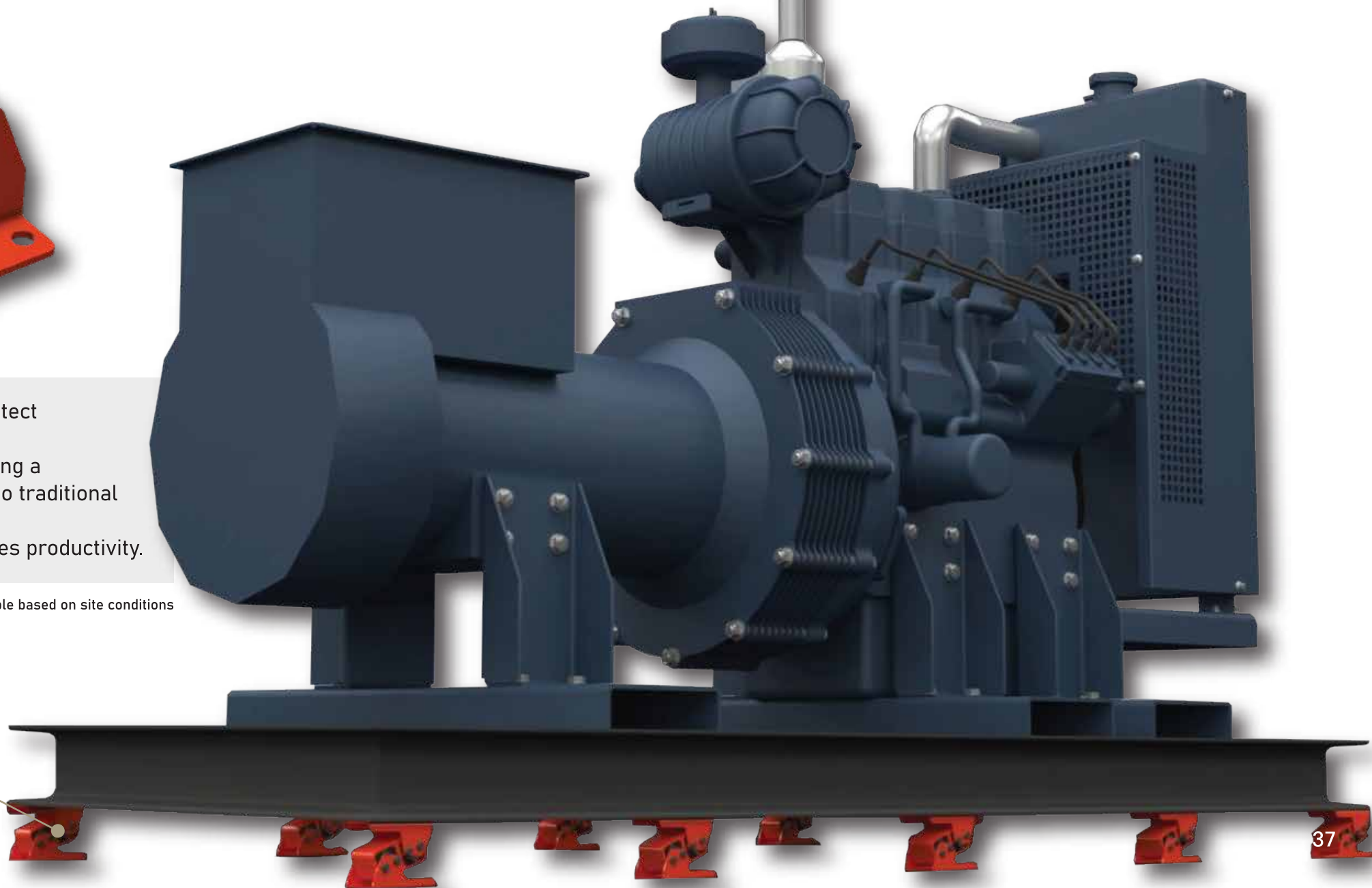
LV TYPE

● Features and Advantages

- The Lautec Anti-vibrating mount absorbs sudden shocks to protect machinery and buildings.
- The mount is made of natural elastic rubber tensioners, providing a quieter and smoother operation for a longer period compared to traditional coil spring systems.
- The absorption of dynamic energy ensures stability and improves productivity.

※ customizable based on site conditions

Anti-vibrating Mount
LSL type

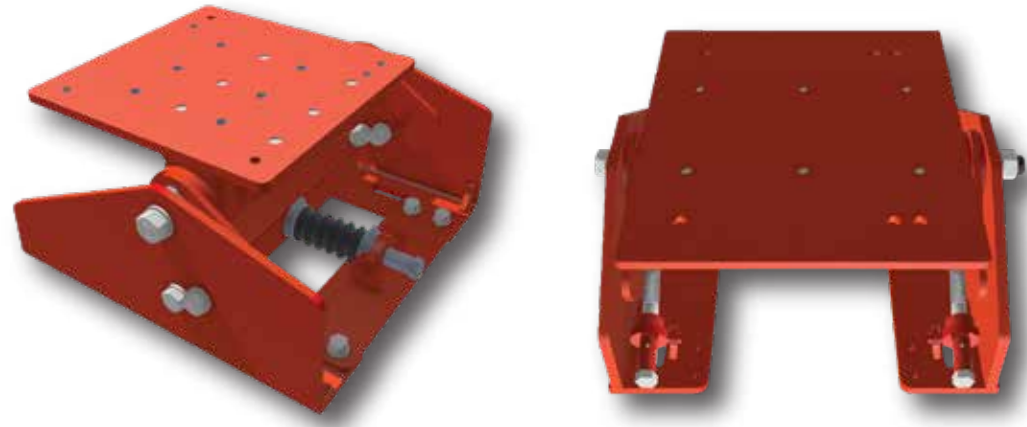


Function of the Lautec Tensioners

	Spring Function 	Damping Function
	Bearing Function 	Tensioning Function

MOTOR BASE & TENSIONING DEVICE

Motor Base



● Features and Advantages

- The Lautec motor base features an automatic tensioning function, which automatically adjusts for elongation to maintain optimal tension at all times.
- The motor base minimizes belt slippage, preventing motor overload and overcurrent, thereby extending motor lifespan.
- It absorbs vibrations and shocks generated during motor operation, demonstrating excellent vibration isolation.

✘ customizable based on site conditions

Automatic Tensioning Device

● Features and Advantages

- The Lautec automatic tensioning device prevents chain slack and bouncing, extending chain life.
- Vibration and shock are absorbed by the natural elastic rubber cushion, resulting in quiet and smooth chain operation.
- Increased contact angle of the chain improves power efficiency, reduces energy loss, and lowers electricity costs.



✘ customizable based on site conditions