

DAYAL MARKETING SERVICES & DAYAL TRANSMISSION COMPANY

A HOUSE OF INDIAN AND IMPORTED BELTS



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Company Profile

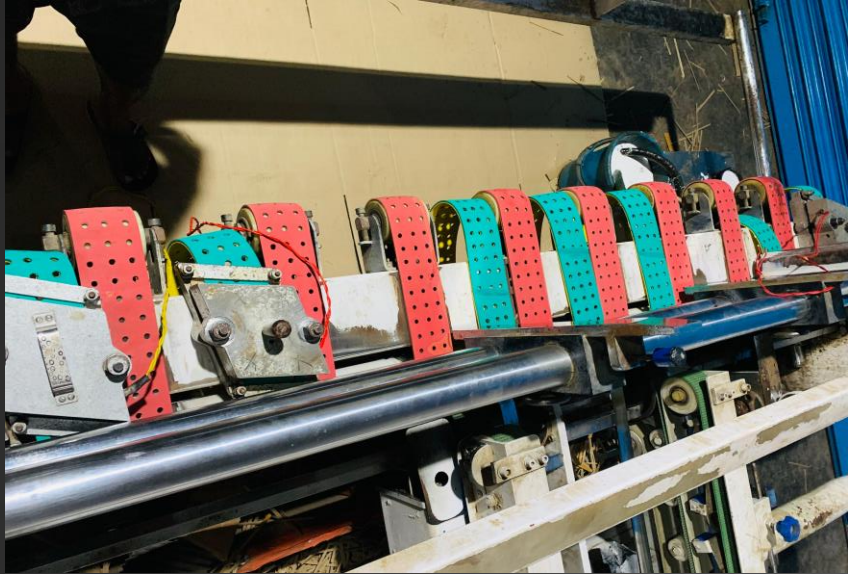
DAYAL MARKETING SERVICES incorporated in 1996 and with passage of almost two decades since its inception, gradually became one of the leading House of Imported Belts. With the Vision of being one of the leading importers in India, Mr. HARIKANT SHUKLA incorporated DAYAL MARKETING SERVICES.

From the day of inception, we have been single mindedly driven by the vision of achieving highest level of customer satisfaction by providing quality products and thereby, emerging as a strong Player by setting high standards in quality, prompt delivery schedules and after sales service.

Based in MUMBAI, we supply material to each and every corner of the nation. We have various ranges of Products which never leaves our Customer dissatisfied. The dynamic vision of management adds up to a win-win combination for our valued clients.

We cater to almost all types of application such as Power Transmission, Linear Drives, Heavy-Duty Drives & Special Profiles for Conveying Application.

DAYAL MARKETING SERVICES is an organization having an excellent track record in the service of the Domestic and International markets with the clientele ranging the entire spectrum of the user industry. We strive to continually increase the level of customer satisfaction by meeting all the expectation of our clients. We believe in achieving complete customer satisfaction by maximizing value in terms of services, on consistent basis.



QUALITY

POLICY

Company's Quality edifice stands on the following Pillars:

- I. Total commitment for customer satisfaction.
- II. Market Leadership.
- III. Strive for Quality Excellence.
- IV. Sustainable Development.

MISSION

Constant growth along with our suppliers & customers, by supplying the finest quality product in the belting industry for every industrial application.

VISION

We aspire to become the premier provider of industrial belting products and services for all the markets we serve.

CONTENT

1. SANDWICH BELT (RUBBER,NYLON,FABRIC)
2. CONVEYOR BELTS (PU & PVC)
3. TIMING BELTS (OPEN, PU & RUBBER)
4. PULLEYS (TIMMING & V BELT PULLEY)
5. RUBBER CONVEYOR BELT
6. PU ROUND BELTS
7. MODULAR BELTS
8. MESH BELT(PTFE & SS STEEL WIRE)
9. CATERPILLER BELT
10. V BELTS
11. SIDEWALL CLEATED RUBBER CONVEYOR BELT
12. BEARINGS
13. VARIABLE SPEED BELTS
14. LINK BELTS
15. CRUSHER AND CRUSHERS SPARES
16. VACCUM CONVEYOR BELT
17. GEAR AND GEAR BOX
18. OTHER HARDWARE ACCESSORIES

SANDWICH BELT

We provide best range of Leather Nylon Sandwich belts which save power consumption and perform trouble free operation. Our Belts are manufactured from high class imported material. These are known high speed variation. Great shock absorbing capability and Light weight. Our customers can avail these belts at most competitive market prices. We put special attention on the quality of belts using High grade raw material which enable our belts to handle the force load pressure at the time of operation. The High Resistance belts carry heavy loads from one end to the another in various industries. We have many satisfied customers pan INDIA.

❖ Types of Belts :-

- i. Nylon Sandwich Belts
- ii. Leather Nylon Sandwich belts
- iii. Rubber Nylon Sandwich Belts
- iv. Fabric Nylon Belts

1) Nylon Sandwich Belts

- A flat-belt used for power transmission or conveying, whose core (tension member) is made of highly oriented nylon (polyamide) sheet or fabric.
- On both sides of that nylon core there are friction/cover layers (which might be synthetic rubber, chrome leather, fabric, etc) that provide the drive surface and protection.
- It's built for industrial drives: straight drives, tangential drives, high pulley-ratios, conveyors, etc.



2) Leather Sandwich Belts

A leather sandwich belt is a flat power transmission belt made of two layers of leather with a fabric or rubber layer in between.

It provides high strength, flexibility, and good frictional grip.

These belts run smoothly with minimal slippage and low noise.

They are commonly used in textile machines, lathes, and printing presses.

Leather sandwich belts offer durability, heat resistance, and efficient power transmission.



3) Rubber Sandwich Belts

Rubber Sandwich Belts are flat power transmission belts made with a nylon or polyamide core sandwiched between rubber cover layers. They offer high tensile strength, low elongation, and excellent grip due to the rubber surface. These belts are used in textile, printing, and machine drives for smooth, efficient power transmission. They're flexible, durable, and suitable for high-speed or compact drives.

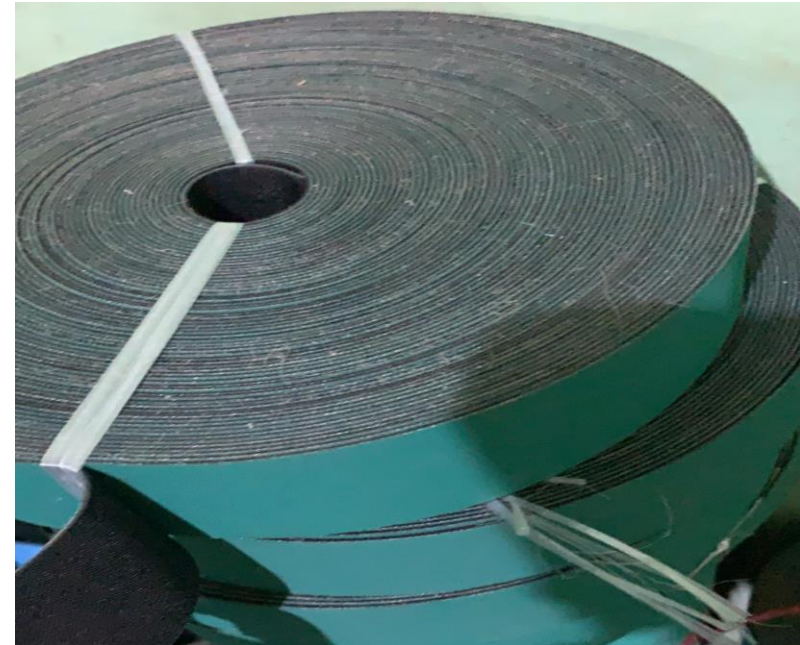


4) Fabric Sandwich Belts

Fabric Nylon Belting is a flat or conveyor belt made by combining nylon (polyamide) layers with fabric plies for strength and flexibility. The nylon provides high tensile strength and low elongation, while the fabric layers offer good grip, flexibility, and heat resistance. These belts are commonly used in textile machinery, conveyors, packaging, and printing equipment. They ensure smooth power transmission, long service life, and minimal maintenance.

Various types of fabric nylon belting:-

- I. Fabric nylon belting
- II. Rubber fabric nylon belting



CONVEYOR BELTS

We are expertise in conveyor process belting for many lines of business varying from Food industry Treadmill:-

- TM Agriculture
- Tobacco
- Recreation
- Logistics
- Textile

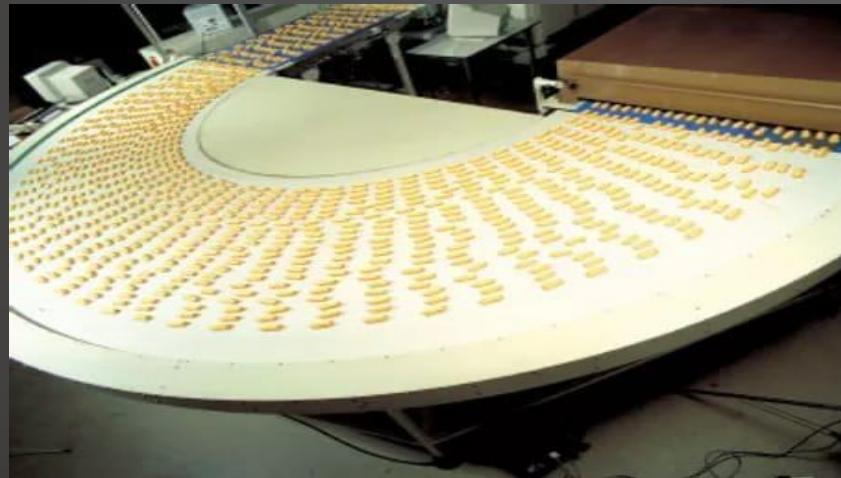
Our Belt application ranges from belts in industrial bakeries to belts for magnet elevators, from solid cutting belts in abattoirs to belts for the treadmills in your home or local fitness center. We make textile printing blanket, luggage handling belts, Tobacco belts, Skiing belts, belts for use under high temperatures and many other styles, Where-ever conveyor and process belts are required we can supply them as per user's desired specifications.

Our wide product range has variety of over ISO belting styles using various special fabric. Depending on applications we have SS types of profiles in 1250 mm, 2000 mm and 3000 mm width Our conveyor and process belts are well accepted and extensively used in Industrial Bakeries. Meat Processing, Elevators, Treadmill, Luggage Conveyor, Checkout Counters, Paper & Printing, Chemical Industries. Textile, Automotive, Cement Industries. Glass, Stone Crusher, Ceramic, Metal Parts Stamping Industries etc, Also available exclusive range of Textile Printing Blanket, Roll Lagging Materials in PVC/PU Coated Top with Cotton Fabric Base EMERY TYPES Plain-Transparent, Transparent Brown, New super grip, etc.

Pvc CONVEYOR BELTS :-



Pu conveyor belts :- (For food processing)



**Pvc cleated
conveyor belts:-**



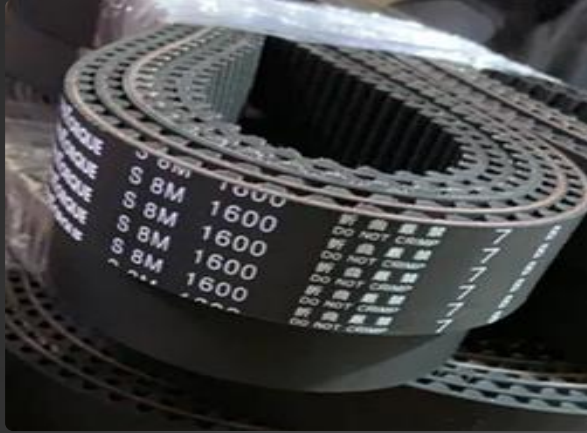
**CHEVRON
RUBBER
CONVEYOR
BELTS :-**



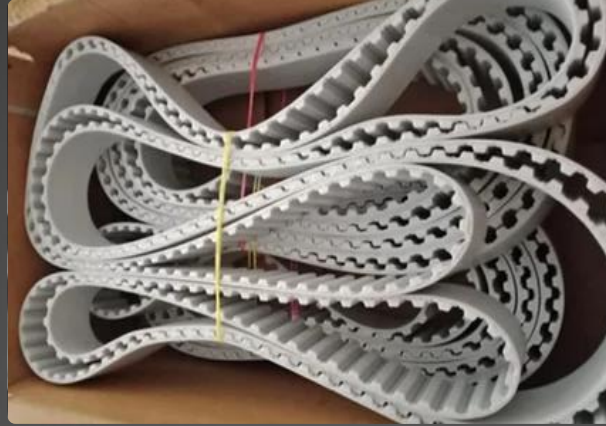
TIMING BELT

We provide a complete range of timing belts suitable for numerous conveyor & processing applications. From transforming power to lifting your product timing belts meet precise solution for synchronised conveying, positioning & power transmission. PL timing belts consist of wear resistance, polyurethane & high tensile steel cord tension membranes, which offer abrasion resistance, highly stable, low elongation, low noise, positive drive & superb resistance to adverse environmental conditions

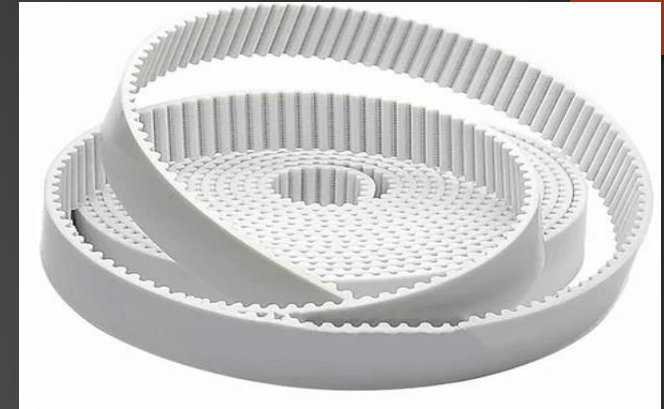
- This trapezoid tooth timing belt has noise levels lower than chains and gear and does not require lubrication.
- High Power transmission capacity with higher transmission efficiency and static conductive
- These belts are maintenance free, and can deal with high dynamic stress.
- They require little pre-tensioning and are suitable for back tension pulleys



RUBBER TIMING BELT



PU TIMING BELT



RUBBER COATED TIMING BELT



DOUBLE SIDED TIMING BELT



TIMING BELT

PULLEYS

1. TIMING BELT PULLEY:-

A timing pulley is a cogged pulley with teeth that mesh with a timing belt's teeth, creating a positive, non-slipping drive that synchronizes two shafts



2. V BELTS PULLEY:-

A V-belt is a flexible, trapezoidal-shaped belt that transmits power between two shafts via grooved pulleys called sheaves. The belt's wedge shape creates high friction with the pulley grooves, which allows for high-torque, high-speed power transmission with minimal slippage and power loss



RUBBER CONVEYOR BELTS

A rubber conveyor belt is a continuous, flexible band made primarily from rubber and reinforcing materials. It's designed to transport materials efficiently and continuously across various distances, directions, and terrains in industrial operations. Rubber belts are widely used in mining, cement, steel, ports, power plants, and agriculture, as they provide durability, high strength, and cost-effective material handling.

❑ Rubber conveyor belts are used in:

- I. Mining & Quarrying – coal, limestone, ores, stones.
- II. Cement & Steel Plants – raw material and clinker handling.
- III. Power Plants – ash and coal conveying.
- IV. Fertilizer & Agriculture – grains, seeds, fertilizers.
- V. Food & Packaging Industries – material movement lines.



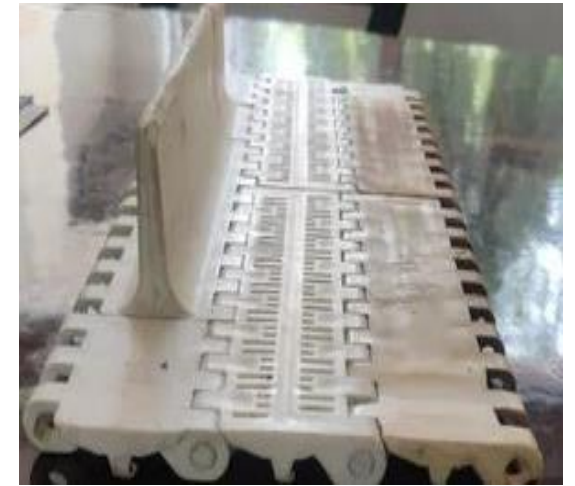
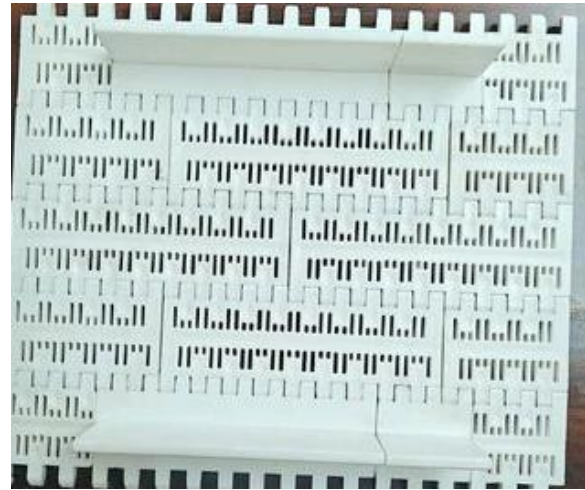
PU ROUND BELTS

These thermoplastic polyurethane and polyester elastomer profile belts are manufactured to high quality standards that ensure economical use
Resistant to Oil. Grease most chemicals



MODULAR BELT

A modular belt conveyor is a conveyor system with a flat belt made of interlocking plastic modules, allowing it to be flexible, durable, and versatile for various applications. This design allows for straight runs, inclines, and curves, and the material's robustness makes it suitable for high or low temperatures, sharp objects, and easy cleaning for hygienic purposes



MESH BELT

A mesh belt is a type of conveyor belt made from interlinked wires, metal rods, or polymer threads forming an open, grid-like structure. The open design allows air, liquids, or heat to pass through the belt, making it ideal for drying, cooling, heating, or washing applications. Mesh belts can be flexible or rigid and are used in various industries where traditional solid belts are not suitable.

Advantages

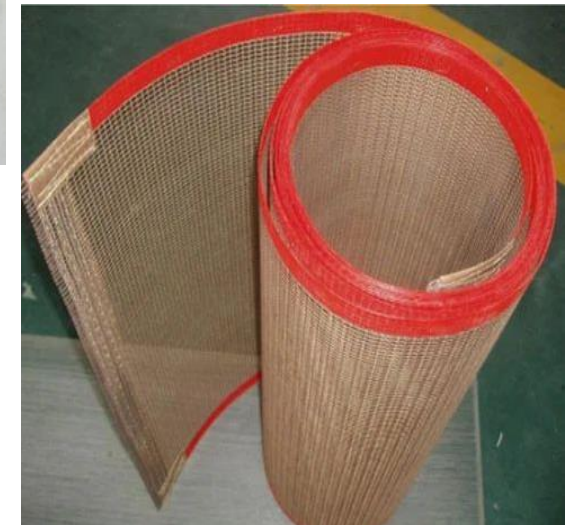
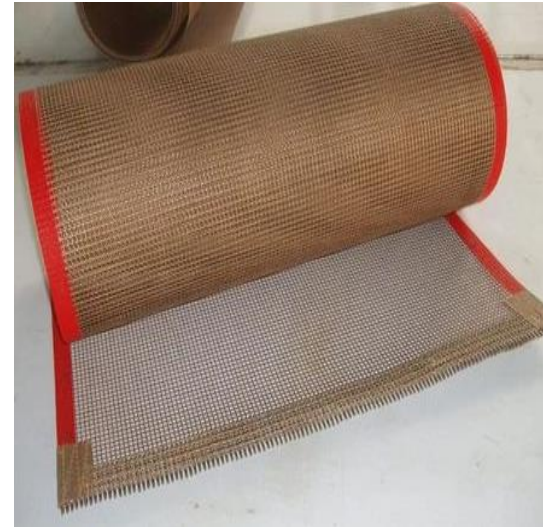
- Allows air, heat, or liquid flow through the belt.
- Can handle high temperatures and heavy loads (especially SS belts).
- Provides non-stick surfaces for sticky or delicate products (PTFE belts).
- Suitable for cleaning, drying, or baking applications.
- Reduces product damage and sticking compared to solid belts.

VARIOUS TYPES OF MESH BELTS:-

- 1) PTFE
- 2) SS STEEL WIRE

1) PTFE Mesh Belt

A PTFE (Polytetrafluoroethylene) mesh belt is a conveyor belt made from fiberglass or Kevlar threads coated with PTFE, forming a non-stick, heat-resistant mesh surface. Its open mesh design allows for airflow, heat transfer, or liquid drainage, making it ideal for processes where products must not stick or require uniform heating/drying.



2) SS STEEL WIRE

Stainless steel (SS) mesh wire is made by weaving or linking stainless steel wires to form a strong, durable, and corrosion-resistant mesh. It can withstand high temperatures, heavy loads, and harsh industrial environments. The open mesh structure allows air, liquid, or heat to pass through, making it ideal for processing and drying applications. Commonly used in conveyor belts, industrial ovens, filtration, and metal processing. SS mesh wire ensures long-lasting performance with minimal maintenance.



CATERPILLAR BELT

Caterpillar belts (also called **track belts** or **rubber tracks**) are heavy-duty belts used in Caterpillar machinery such as excavators, bulldozers, and loaders. They are designed to provide traction, support heavy loads, and ensure stability on rough or uneven terrain. These belts are usually made of **reinforced rubber** with **steel cords** or **fiber layers** for strength and durability.

❖ Key points:

- **Purpose:** Provide traction and movement for tracked machines.
- **Material:** Reinforced rubber with metal or fabric layers.
- **Uses:** Excavators, bulldozers, compact track loaders, and other Caterpillar equipment.
- **Features:** High wear resistance, flexibility, and grip on various surfaces.



V BELTS

- ❑ These belts eliminate belt matching and permits drive design to meet exact power or space requirements.
- ❑ They permit cooler running and high drive efficiency
- ❑ These belts excel on small pulleys at high speeds.



SIDEWALL CLEATED RUBBER CONVEYOR BELT

A **Side Wall Cleated Rubber Conveyor Belt** is a special type of **belt** designed for **steep angle or vertical conveying** of materials where traditional flat belts can't prevent material spillage or rollback.

Common Specifications

Parameter	Description
Belt Width	300 mm – 2000 mm
Cleat Height	25 mm – 200 mm (depends on material & angle)
Sidewall Height	40 mm – 300 mm
Belt Grade	M24, N17, Heat Resistant (HR), Oil Resistant (OR), etc.
Max Incline	Up to 90°



SIDEWALL CLEATED RUBBER CONVEYOR BELT



Key Features

- **Sidewalls:** Flexible rubber corrugated walls on the edges prevent material from falling off.
- **Cleats:** Raised rubber sections across the belt that “carry” the material upward.
- **Base Belt:** Made of durable rubber (often M24 or HR grade) reinforced with fabric or steel cords for strength.
- **Design:** Can handle **inclines up to 90°**, making it ideal for limited-space layouts.



Applications

- Cement plants
- Mining and quarrying
- Power plants (coal handling)
- Fertilizer and chemical industries
- Food and grain handling (with hygienic rubber grades)



Advantages

Efficient conveying on steep inclines

Prevents spillage and material rollback

Space-saving design

Long service life and low maintenance

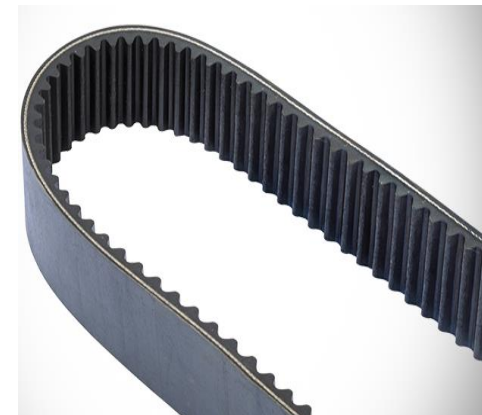
BEARINGS

Bearings are mechanical components that reduce friction and support relative motion between parts, typically for rotation or linear movement. They are essential in many machines, from simple appliances like refrigerators to complex systems like aircraft engines and industrial machinery. Common types include ball bearings, roller bearings, and plain bearings, and they work by replacing sliding friction with lower rolling friction or by using a lubricant-filled space.



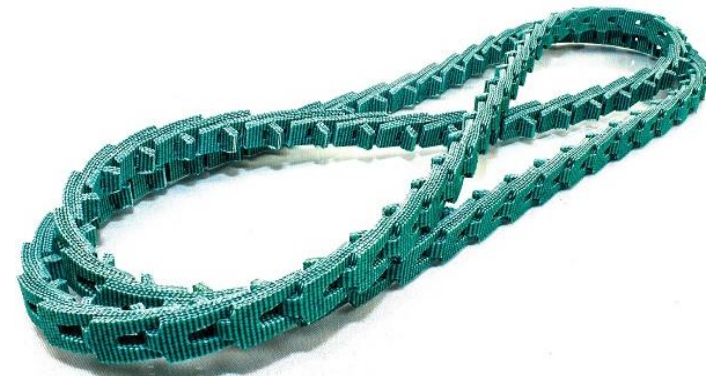
VARIABLE SPEED BELTS

A variable speed belt is a power transmission belt that allows adjustable speed control between pulleys. It changes the drive ratio by varying its position on variable-diameter pulleys. Made of reinforced rubber or synthetic material, it provides smooth, efficient, and flexible speed variation in machines like lathes, conveyors, and fans.



LINK BELTS

Link belts are adjustable, segmented power transmission belts made of individual links that can be easily assembled, disassembled, and shortened to any required length. They are a durable alternative to traditional V-belts, offering benefits like quick installation, tool-free adjustments, lower vibration, and resistance to oils, chemicals, and harsh temperatures. They are widely used in applications where easy replacement, maintenance, or difficult access is a factor, such as in industrial machinery, agricultural equipment, and even for quick repairs.



CRUSHER & CRUSHERS SPARES

1. Crushers

A **crusher** is a machine designed to reduce large rocks, ores, or waste materials into smaller sizes for construction, mining, or industrial purposes. Crushers are used to **break, compress, or grind materials**.

⚙ Types of Crushers

Jaw Crusher – Uses compressive force; ideal for primary crushing of hard materials.

Cone Crusher – Uses a gyrating cone to crush material; suitable for secondary/tertiary crushing.

Impact Crusher – Uses impact force via hammers or blow bars; good for soft or medium-hard materials.

Gyratory Crusher – Similar to a cone crusher, but with a steeper cone; used in large-scale operations.

Roller Crusher – Uses two rotating cylinders to crush materials.

Crusher & Crusher Spares

2) Crushers Spares:-

Crusher spares are replacement parts required to maintain crusher efficiency and prolong machine life. Common spares include:

❖ Common Crusher Spares

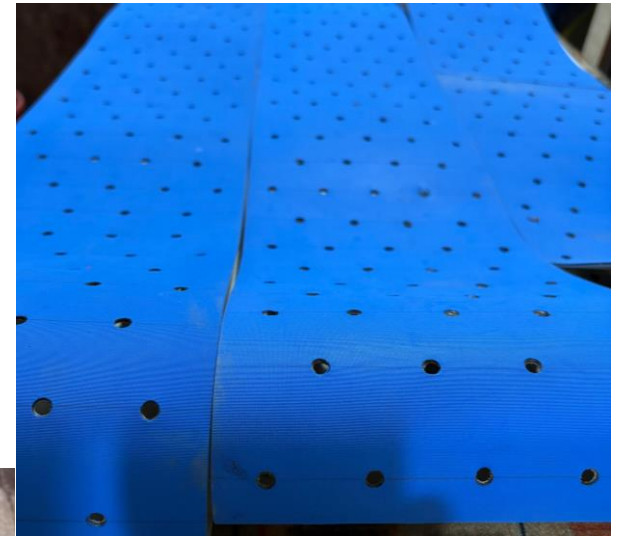
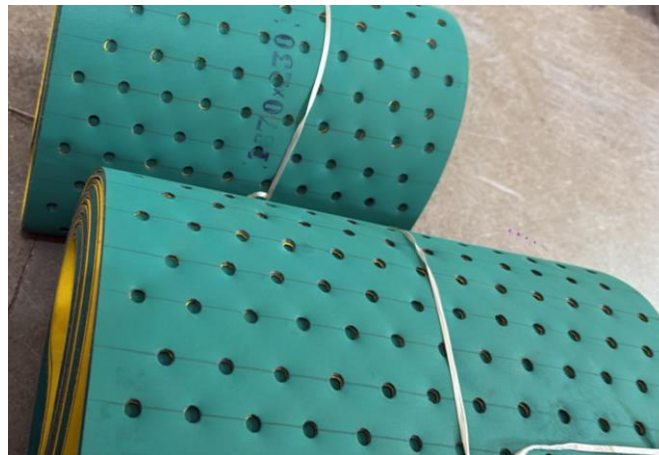
- **Jaw Plates** – Wear-resistant plates in jaw crushers.
- **Mantle & Concave** – Main wear parts of cone crushers.
- **Blow Bars / Hammers** – Used in impact crushers.
- **Roller & Roll Shells** – For roller crushers.
- **Wear Liners / Plates** – Protect crusher housing from abrasion.
- **Bearings & Bushings** – Reduce friction and support rotating parts.
- **Screens & Sieves** – Used to separate material sizes.
- **Drive Belts & Couplings** – Transfer power from motor to crusher.

Crusher & Crusher Spares



VACCUM CONVEYOR BELTS

A vacuum conveyor belt uses suction from a vacuum pump to hold products firmly on a perforated belt surface during transport. This prevents slipping or movement, making it ideal for handling lightweight, flat, or delicate materials. It's commonly used in packaging, printing, food processing, and electronics industries. The system ensures precise positioning and smooth conveying, even at high speeds or on inclines.



GEAR & GEAR BOX

A **gear** is a rotating machine element with teeth that mesh with another gear to transmit torque, speed, or motion. Gears come in types like spur, helical, bevel, worm, and planetary, each suited for specific applications. A **gearbox** is an assembly of gears enclosed in a housing that adjusts speed and torque between a power source and a load. It can change the direction of rotation, increase torque, or reduce speed, and is widely used in vehicles, machinery, and industrial equipment. Gearboxes can be manual, automatic, or specialized types like worm or planetary gearboxes.

