

dynamic rubbers

PVT. LTD.



40+ 
Years of
Experience

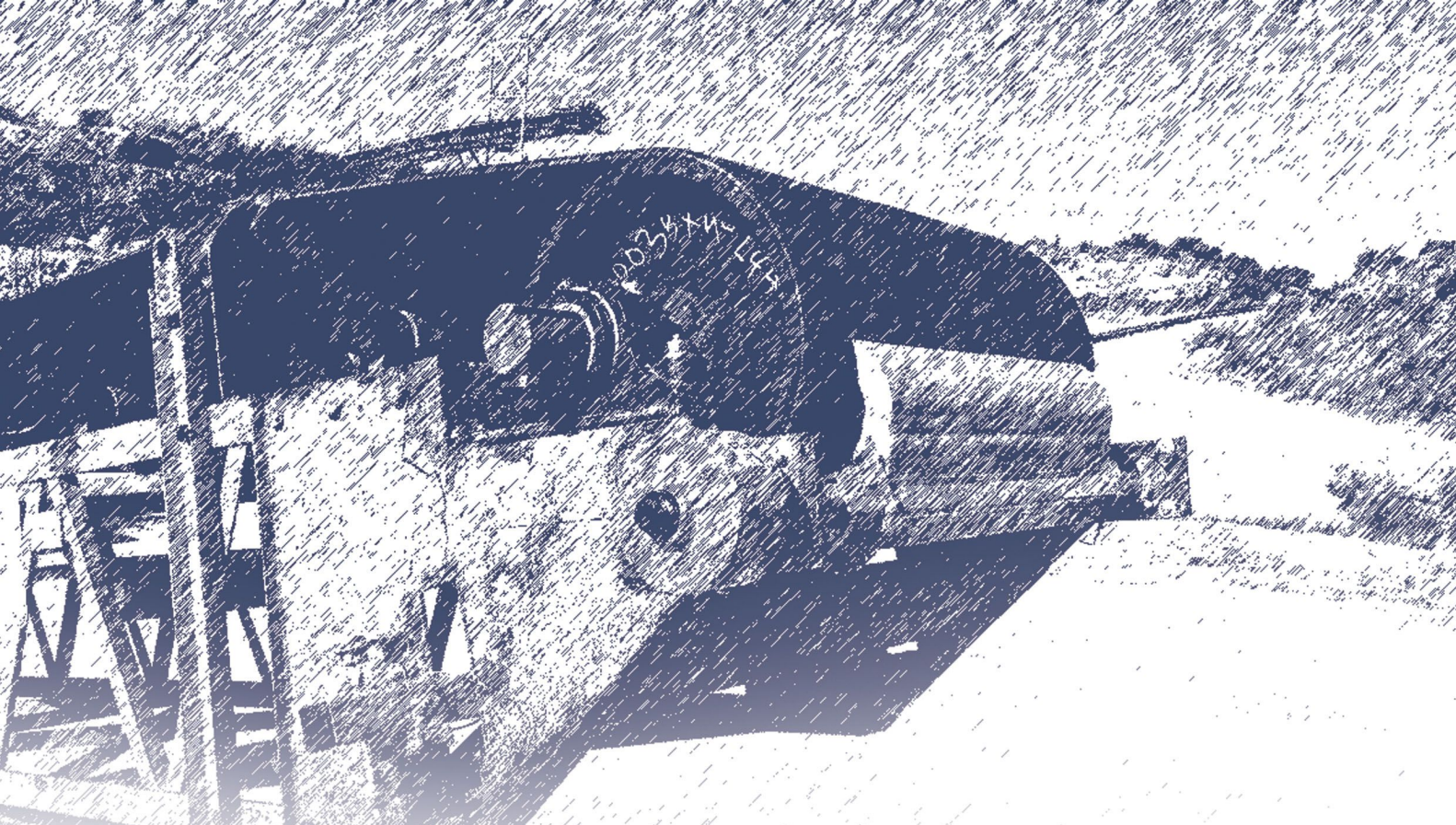
52+ 
Exporting
Countries

30+ 
Product
Range

Product Catalogue

**Bulk Material
Handling Solutions**

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www.dynamicrubbers.com



Conveyor Accessories.

Belt Scrapers.

Dynamic Rubbers, a renowned manufacturer of engineered belt cleaning systems, has revolutionized the field with its innovative principles that introduce a fresh approach to cleaning elements in belts.

▶ **DRPL Belt Scraper:** Cost-effective solution for bulk material handling belt conveyors.

▶ **Prevent material carryback, minimize spillage:** Maintain clean belts, reduce maintenance and downtime.

▶ **Prevent buildup on snub pulleys, return idlers:** Improve operational efficiency.

▶ **Segmented type with rubberized elastomounts:** Self-adjusting, multi-tip for efficient belt cleaning.

INDUSTRIES

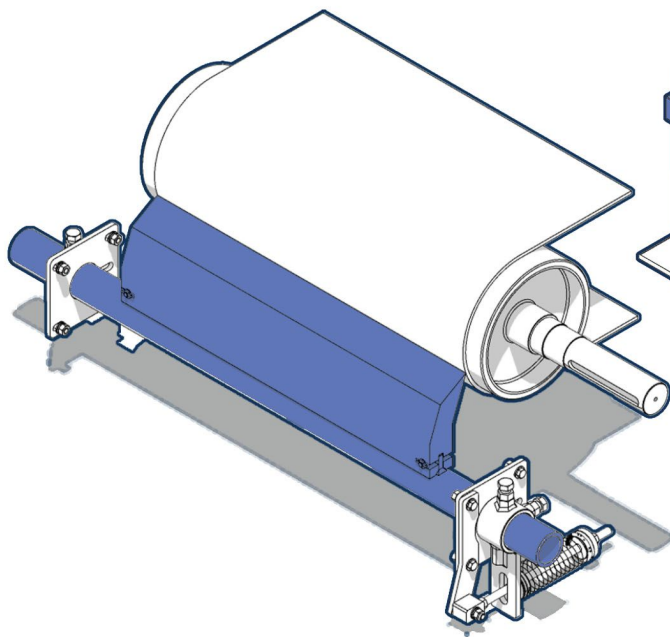
- ▶ Highly abrasion-resistant blades for all types of material conveyed.
- ▶ Suitable for all belt widths and speeds.
- ▶ Excellent durability.
- ▶ Low space requirements due to the compact design.
- ▶ Suitable for reversible operation.
- ▶ Increased conveyor operation efficiency.
- ▶ Longer belt life.
- ▶ Nil material wastage.
- ▶ Results in a good environment.

External Scraper

External conveyor belt scrapers are usually split into two different purposes: primary and secondary.

PRIMARY SCRAPER

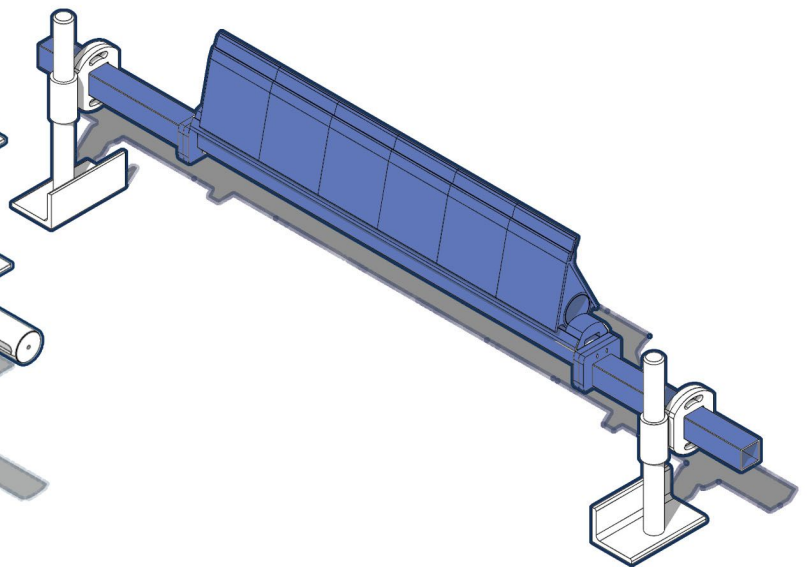
As the name suggests, the primary scraper is the first scraper in the system and is usually responsible for the majority of the cleaning.



- ▶ Functions as a pre-scraper for external belt cleaning.
- ▶ Efficiently halts and eliminates coarse, lumpy materials.
- ▶ Essential for wet, sticky material handling scenarios.
- ▶ Primary Belt Scraper's cleaning edge set at 0 to 15 degrees on head pulley.
- ▶ Offers Lead Edge Cleaner Tips in Polyurethane, Tungsten Carbide, Tool Steel, or Stainless Steel based on application.

SECONDARY SCRAPER

The secondary scraper aids the primary scraper, offering extra cleaning for persistent material adherence beyond the primary scraper's capacity.



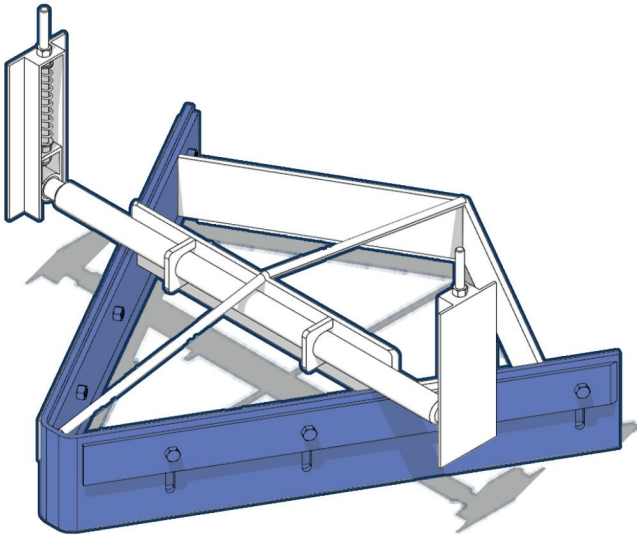
- ▶ Functions as secondary external side scraper for thorough cleaning.
- ▶ Positioned post Tangential Take off point, between head and snub pulley.
- ▶ Vital for effective cleaning with wet, sticky material handling.
- ▶ Lead Edge Cleaner Tips available in Tungsten Carbide, Tool Steel, or Stainless Steel as needed.
- ▶ Designed for uni-directional conveyors.

Internal Scraper

DYNAMIC, a renowned manufacturer of engineered belt cleaning systems, has revolutionized the field with its innovative principles that introduce a fresh approach to cleaning elements in belts.

'V' PLOUGH INTERNAL SCRAPER

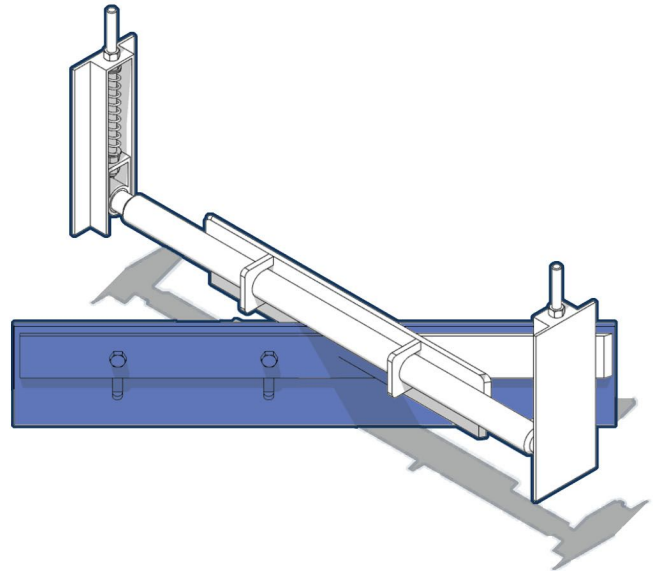
The 'V' plough internal scraper is a type of conveyor belt cleaning system designed to remove material that adheres to the inner surface of the belt, using a plough-shaped mechanism.



- ▶ Prevents material from entering between belt and tail pulley, ensuring internal belt cleanliness
- ▶ Positioned on the inner side near the Tail pulley, offering complete pulley and belt protection.
- ▶ Utilizes segmented cleaner blocks of polymer, rubber, or polyurethane, tailored to the application.
- ▶ Designed for unidirectional belts, employing a V plough configuration.

'D' PLOUGH INTERNAL SCRAPER

A type of conveyor belt cleaning device that uses a plough-shaped mechanism to remove material that adheres to the inner surface of the belt, typically in a 'D' configuration.

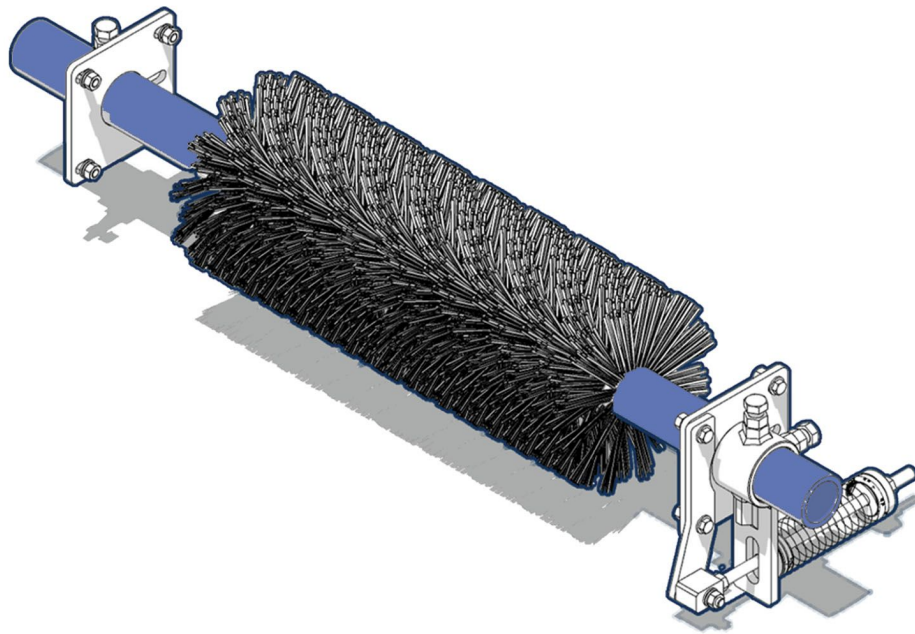


- ▶ Employed to internally clean belts, preventing debris between belt and tail pulley.
- ▶ Positioned near Tail pulley inside belt, providing complete pulley and belt safeguarding.
- ▶ Utilizes segmented cleaner blocks of polymer, rubber, or polyurethane, based on application.
- ▶ Suited for reversible belts, utilizing a D plow configuration.

Rotary Belt Scraper

DYNAMIC's specialized Belt Scraper is designed for belts transporting materials like Clinker, Coke, and Alumina, prone to thermal cracks and fine powder entrapment. This scraper prevents powder accumulation caused by belt flapping.

Rotary Belt scraper features a motorized shaft with brush rolls that effectively remove material below the head pulley.



- ▶ Highly effective for clip joint and thermally cracked belts.
- ▶ Ensures environmental protection, without health risks.
- ▶ Safeguards idler rollers, enhancing conveyor belt lifespan.
- ▶ Applicable to all belt types.
- ▶ Operates via motorized V Belt Drive.
- ▶ Features segmented, self-locking brushes.
- ▶ Simple fitting and removal process.

CONVEYER BELTING



Head office Near Hotel President, BLOCK-A, 904-905, Chimanlal Girdharlal Rd,
Navrangpura, Ahmedabad, Gujarat-380009
© +91 9662656666
© +91 77790 96913

Marketing@dynamicrubbers.com

Factory Dynamic Rubbers Pvt Ltd - Kheda Unit
(Conveyor belt and accessories Unit - 1)
Survey no. 217 paint,
Village: Ghodasar, Taluka: Mahemdavad,
District: Kheda, Landmark: Haldarvas
387110

Bharat Rubber industries - Kolkata Unit
(Conveyor belt Unit - 2)
Bodai panchayet road
Vill& Po : Jugberia
Kolkata 700110

**Conveyor
Rollers &
Pulleys
Unit.** Plot No. 3302,
Phase - IV, GIDC,
Vatva,
Ahmedabad - 382445

**Rubber
Products &
Belting
Unit.** D-111, Industrial Area ,
RIICO , Palsana ,
Dist . Sikar,
Rajasthan