We help you carry the load.

CONSTANTLY MOVING FORWARD

FENNER DUNLOP
ENGINEERED CONVEYOR SOLUTIONS

Western Services
www.fennerdunlopanamericas.com
Hi. My name is Dave Jones, Senior Vice President of Western Operations, and I’d like to introduce you to Fenner Dunlop’s product line and wide array of service capabilities available in the Western United States. Fenner Dunlop is a world leader in the conveying industry. Our unique Engineered Conveyor Solution (ECS) offering combines products and services to help customers improve safety, reliability, and cost effectiveness. Over the last few years, Fenner Dunlop Americas has grown and prospered by providing superior products and services to customers through this ECS business strategy.

I invite you to contact us so we can customize a conveying solution that fits your requirements using our many products and services. Here you will see that Fenner Dunlop provides safe and cost effective engineered conveyor solutions that maximize system availability for mining and industrial companies. We realize that our customers demand safety and reliability to achieve peak performance from their bulk material handling systems. We believe that we are the only company that provides integrated, customizable solutions to ensure that you reduce your total cost of ownership in the most efficient way possible.

Thank you for your valued business.

Dave Jones
Senior Vice President of Western Operations

Markets Served

Coal, surface and underground
Fenner Dunlop Engineered Conveyor Solutions produces the highest quality fire retardant and anti-static rubber-ply, straight warp, steel cord and solid woven PVC belting for all underground and surface applications. Using the latest technology in belt design and state-of-the-art equipment, Fenner Dunlop can customize our belt manufacturing process to meet your exact needs.

We never hold back when it comes to safety. We’ve been developing fire retardant conveyor belting for over 60 years and the momentum has never stopped. We developed the Fire Boss® compound as a key ingredient in our fire retardant belting to significantly reduce fire propagation and smoke density. Fire Boss® exceeds the new MSHA 30CFR14 (B.E.L.T.) standards, while maintaining the same abrasion resistance and durability you’ve come to expect from mining conveyor belts manufactured by Fenner Dunlop Engineered Conveyor Solutions.

Aggregates and Cement
Fenner Dunlop ECS supplies conveyor belts for the most brutal crushing applications. We make products suitable for most applications in the aggregates industry, such as primary and secondary crushers, transfers, loadouts and stackers, as well as overland conveyors.

Our conveyor belts are specifically built for the tough applications found in a quarry. We have excellent choices for all quarry applications where impact, ripping and tearing are major problems.

We offer a full range of compounds and textiles designed for the most critical conveyors in a cement plant. Crusher loadouts, clinker conveyors, kiln to storage, and silo or dome discharges are all critical to plant operators. From polyester to fiberglass, from ARPM Grade II to DeltaHeat 2.0®, Fenner Dunlop ECS has the proper materials to manufacture a conveyor belt that holds up to high heat and difficult abrasion.
Minerals, Chemicals, Potash
The effects of mineral materials and caustic chemicals can be staggering on a conveyor belt, compromising performance, safety and reliability. We’ve invested many years in perfecting the compounds of our conveyor belts to protect your investment in the harshest conveying belts conditions.

Working closely with each customer by performing on-site evaluations of your systems, we customize a total conveying solution to ensure that our premium conveyor carcasses and our proven cover compounds work together cohesively. Whether conveying trona, oil sands, gypsum, phosphate, salt or oily materials, Fenner Dunlop is committed to providing safe, durable conveyor belting.

Power Plants
Coal-fired power generation plants need specialized belting for each plant application. Fenner Dunlop ECS supplies belting for all these requirements. Coal-yard conveyors, stacker/reclaimer conveyors, transfers, and railcar dump conveyors are all critical to plant operations. We help you ensure that each system is operating to its full potential.

We offer compounds specifically formulated for power plants requiring flame retardant belting. MSHA/FR is a flame retardant compound that meets the Mine Safety and Health Administration 2-G requirement. LT/FR is a variation of MSHA/FR that is capable of extremely low ambient temperatures. The FOR compound is formulated for treated coal featuring both flame retardant and oil resistant properties.

Recycling and Waste Management
Whether you need to move material between sorting stations, separate bulky materials, or feed different machines, Fenner Dunlop can provide a customized engineered conveyor to improve your system and reduce downtime. No matter what your problem may be, we will work with you to create a total recycling and waste management solution. Check out our Rocky Mountain Recycling ECS success story to learn more about how Fenner Dunlop can find dynamic answers to your unique problems.

Agriculture and Grain
Fenner Dunlop specializes in elevator legs, transfer conveyors, tripper decks, and air jet conveyors for the agriculture and grain markets. Our unique, premium compounds UGH (Ultra Grain Handler) 2.0° and CGH (Classic Grain Handler) 2.0° for the grain industry that meet both ASTM D-378 for flame retardance and OSHA static conductivity requirements.

Our cleated belt can handle all your grain and agricultural needs. We have seven proven patterns: V-top, U-top, C-top, Y-top, B-pattern, F-pattern, and Chevron pattern. Cleats can also be made with recessed edges to accommodate skirtboarding.
Engineered Conveyor Solutions
Fenner Dunlop Americas offers a complete array of Field Services, which is one of the principle components of our Engineered Conveyor Solutions concept. Our safety culture, advanced technical procedures, state of the art expertise, continual innovation, and overall professionalism set Fenner Dunlop Engineered Conveyor Solutions apart from the competition in Field Services. Combining decades of experience along with training from around the globe, we are setting a new standard of service for all conveyor types. The Fenner Dunlop Field Services Team is the most accomplished in the belting industry. Each member is a tried-and-true team member who understands what our clients need in order to be successful.

Vulcanized Splicing
As a leader in conveyor belt splicing technology, Fenner Dunlop’s belt technicians have been extensively trained on numerous splicing procedures and techniques to ensure a superior approach to vulcanizing our customers’ conveyor belting. Our technicians offer a wide array of splicing services for belts up to 96” wide, up to 2000 pfw for fabric carcasses, and up to ST7000 for steel cable. Our technicians can install overlap, filler strip, finger (high integrity), single stage, and multi-stage splices to meet your conveyor belt requirements. Each splice is assembled and performed by certified technicians using the highest quality raw materials. It is then heated at a controlled temperature and consistent pressure in order to create the highest quality finished product with a long service life.

Belt Cleaner Services
Fenner Dunlop's certified and trained technicians will install, inspect, clean, adjust, repair, replace, and identify solutions to keep fugitive materials in check. With tougher compliance standards, our cleaning service technicians are trained to help you meet regulatory requirements and reduce the chance of non-compliance in both the field and with OEM Installations. The FDECS Maintenance program offers predictive diagnostics, custom system inspections, and optimization of the material transfer process.

Mechanical Splicing
Our technicians are trained to install mechanical fasteners of all types. When vulcanized splicing does not fit your situation and there is a need for a quick repair, mechanical fasteners will be your most efficient solution. If your conveyor belt develops a rip or tear, our technicians are capable of installing specially designed mechanical fastenings to seal shut the damaged area and keep the conveyor belt moving until there is time to schedule a more permanent solution. Typically, fabric belts can be joined with mechanical fasteners while a steel cable belt must be vulcanized. Mechanical fasteners for rips and tears, however, can be installed to make temporary repairs to both fabric and steel cable belts.

Pulley Lagging
Fenner Dunlop ECS trained technicians can remove your worn out pulley lagging and install the best lagging solution based upon your ever-changing needs. Pulleys can be re-lagged in the field on your system without removal, in our service facility, or at the pulley manufacturer. Whatever the application, whether it is smooth, rubber, grooved, diamond, or ceramic, re-lagging can be completed to give your pulley its maximum service life, reduce shell wear, increase traction, increase cleaner efficiency, eliminate slippage problems, and increase belt uptime.

Overland/Slope Installation Projects
With over three decades of experience, Fenner Dunlop’s Field Services team can take on any large-scale belt conveyor project. Fenner Dunlop ECS specializes in projects for new-facility installations for a variety of conveyor applications including overland conveyors, slope belts, prep plants, power plants, and processing facilities. With belt winding capabilities and pulling power matched by no other competitor, our special-projects teams can install, remove, and change out any belt conveyor system.
Field Services - a new standard of conveyor services

Chute Design, Installation, and Repair
The goal of a transfer chute is to efficiently contain material flow. If it’s not done properly, plugging or blocking may occur. This poses a safety problem and can result in lost production time. Fenner Dunlop designs and installs chutes in which the material will fall on the center of the belt. This minimizes impact on the sides of the belt where the carcass is weakest. By optimally designing the chute system, FDECS will prolong your belt life and reduce dust emissions. This will ensure that your conveyor system runs properly and safely.

Dust/Spillage Containment
In any minerals processing facility, dust is generated when materials are shattered or broken during dumping, loading, transferring, or handling. Proper design, selection, and operation of equipment to minimize breakage can therefore reduce dust. Fenner Dunlop ensures that idlers are efficiently spaced so that the impact of falling materials does not create excess dust.

We can also provide conveyor skirting to keep materials on the belt after it leaves the loading chute. The skirting is equipped with flat rubber strips that provide a dust seal between the skirtboards and the moving belt. Fenner Dunlop’s specially designed skirtboards are sufficiently high and wide to accommodate both the volume of material and the pressure surges caused by the inflowing materials and induced air.

Belt Reconditioning/Repairs
Fenner Dunlop ECS can extend your conveyor belt life through belt refurbishing. Our top-of-the-line, certified splice technicians will take your rolls of used conveyor belt and turn them into a useable asset. Reconditioning used conveyor belt maximizes belt life, restores used conveyor belt to custom and useable lengths and widths, reduces the number of splices in the conveyor, and offers greater flexibility when removing belt from take-ups. Reconditioning also provides an opportunity for belt inspections that predict and plan for belt replacement consistent with capital requirements.

Diagnostic
Manage your conveyor systems proactively with a powerful set of monitoring, diagnostic, and trouble-shooting tools from the conveyor solution experts at Fenner Dunlop. Diagnostic capabilities include steel cord diagnostic belt monitoring, rip detection for both steel cord and fabric carcasses, ultrasound surveys, thermographic bearing analysis, and antenna (loop) signal testing. Check out our Diagnostics brochure for more information.
Idlers
Since 2001, Fenner Dunlop Engineered Conveyor Solutions has supplied high quality idlers and components to the bulk material handling industry, consistently manufacturing a complete range of CEMA class idlers from CEMA D to CEMA F. We have supplied impact idler rolls and steel idlers for installations in underground mining, pipe conveyors, long/high capacity overland conveyors, ship-loading terminals and in-plant conveyors.

We have successfully supplied idlers for large conveyor systems throughout North America. Our idlers use a centrifugally sealed roller, which has been used world-wide since the 1960s. We use the latest design and manufacturing technology together with on-going programs that ensure the highest quality components, including AUTOCAD and 3D Inventor design facilities, laser alignment and measuring equipment. Research and development includes monitoring selected underground and surface installations over a number of years, while in-house test rigs and specialized monitoring equipment also help improve the quality of our products. We continually monitor manufacturing tolerances and consistently implement new manufacturing techniques with the latest technology.

Cleaners
The Fenner Blue Tech Line Series is an engineered cleaning solution customized for mining and industrial applications. Numerous variables can hinder effective cleaning: constantly changing material properties, water content, belt rubber compound, and conveying speed. The Tech Line series was designed with these challenges in mind to optimize the cleaning process. Our superior urethane mix provides extended wear life that will keep your conveyor system running as effectively as possible.

Impact Beds
Classic Conveyor roller beds are intended for use in severe impact and the heaviest conveying applications. They are assembled from the extremely rugged Classic impact idlers using our unsurpassed reduced-friction belt idlers. Our roller beds dramatically extend service life at conveyor loading zones by distributing the material impact over more idlers. They also provide a superior seal under the skirt board because of the added support to the conveyor belt. The Classic design is both robust and user-friendly. Frames feature double channel construction with 3/8” thick plate. Sides unbolt for easy access to replace idler cans under the load zone.

Product Guide
- a new standard of conveyor services

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<td>Fenner Dunlop’s toughest and most efficient carcass</td>
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<td>Super UsFlex®</td>
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Support available 24/7, 365 days/yr. Labor and materials, hourly rates and/or fixed quotation available.