

Quarry & Mining

- Conveyor Belt
- Conveyor Accessories
- Nation Wide Installation & Maintenance
- Technical Support



Quarry & Mining Wear Resistant Conveyor Belt

Viking Conveyor offers a range of quality wear resistant natural rubber conveyor belts for quarrying and mining applications.

Quarrior

Quarrior is a quality M Grade belt with high gouge and tear resistance combined with high abrasion resistance. This is an excellent utility conveyor belt designed to handle sharp rock while maintaining good abrasion resistance to fines.

Tuffply

Tuffply is a high quality D grade Super Abrasion Resistant conveyor belt which performs best in applications handling abrasive fines such as coal, fertiliser, lime, sand, shingle and palm kernel. To further extend its wear life Tuffply has an additional 1mm of top cover.

Conti

Conti is a reliable and economical N Grade moderately abrasion resistant natural rubber conveyor belt suitable for low duty conveyors or applications where the conveyor belt is replaced as a result of mechanical damage or abuse rather than wear.

2 ply Concrete MOR

The 2 ply Concrete belt is a general purpose light weight moderately wear and oil resistant conveyor belt suitable for batch mixing, mobile crushers and scalping applications.

C15 Chevron

C15 Chevron belt is a moderately wear resistant V cleated belt designed for conveying materials up steeper inclines, generally over 15 degrees.

Stock

We hold significant volumes of our standard range of conveyor belts generally importing slabs 1800mm wide and 300m long.

Larger width and length combinations are available on indent.

Technical Specifications

Belt Type	Top Cover (mm)	Bottom Cover (mm)	Rubber Grade	Cover Strength (MPa)	Abrasion Resistance (DIN mm3)	Minimum Pully Diameter (mm)
Tuffply 3 ply	5	2.0	D	18	<90	400
Tuffply 4 ply	6	2.0	D	18	<90	500
Quarrior 3 ply	4	1.5	M	24	<110	400
Quarrior 4 ply	5	2.0	M	24	<110	500
Conti 3 ply	4	1.5	N	18	<160	400
Conti 4 Ply	5	2.0	N	18	<160	500
2ply Concrete MOR	3	1.5	MOR	14	<200	300
C15 Chevron	5	2.0	N	18	<200	450

Conveyor Belt Accessories

A wide, comprehensive and growing range of Conveyor Belt Accessories.

Conveyor Rollers

Viking Conveyor has been supplying Jimway Steel and Synthetic conveyor rollers to major mining and quarrying operations through out New Zealand for over 12 years

- We stock trough and return rollers to suite 450, 600, 750, 900, 1050 and 1200mm wide belts in 114mm diameter in Steel and Synthetic and 127mm in Steel.
- We carry a full range of impact and rubber disc return rollers along with a range of rubber lagged rollers for improved material release

Roller Trough Frames

We stock standard painted and galvanised 30 degree trough frames to suite 450, 600, 750, 900, 1050 and 1200mm wide belts and can supply on short notice any other trough frame configuration.

Conveyor Belt Cleaners

Viking Conveyor recommends ESS Primary, Secondary and V Plough cleaners in quarry and mining application.

Skirting Systems

We offer a number of spill control & dust suppression solutions targeted at conveyor loading & transition points

- Premium SSZ 50 Shore Green Natural Rubber & Economy 50 Shore black Rubber Skirting
- Jimway bulb dual seal poly urethane skirting system which is ideal for conveyors handling very dusty or fine materials



Installation & Technical Services

Viking Conveyor specialises in conveyor belt installation and maintenance nationwide.

Conveyor Belt Installation

Viking Conveyor:

- Offers 24hr 7 day a week nation wide conveyor belt installation service through a network of 15 approved conveyor belt service workshops
- Represents over 40 belt technicians nationwide, the largest group of skilled belt men in New Zealand.
- Fields the largest array of rubber vulcanising presses in the country
- Operates the largest plied rubber vulcanising press capable of producing a 1m long join in a 2m wide belt. Substantial joins are essential to ensure join integrity and operating life in long high duty conveyors.
- Operates a 26t HIAB truck, eliminating the need to bring additional lifting and access equipment to site when installing or replacing large belts while ensuring urgent belts can be delivered quickly without depending on a freight company.

Condition Monitoring & Preventative Maintenance

We offer a Condition Monitoring and Preventative Maintenance service which is focused on

- Predicting and scheduling belt replacement or repair in order to prevent unplanned downtime, potential plant damage or injury to staff.
- Identifying and recommending steps to improve conveyor belt life and/or throughput through
 - Operator training (tracking & condition monitoring)
 - Tracking improvement
 - Spill control & dust suppression
 - Belt cleaner installation and maintenance
 - Belt selection

Rubber Lining & Fabrication

Viking Conveyor operates a Rubber Fabrication team specialising in chemical and wear resistant rubber lining of pipes, bins, trucks, chutes, chemical reaction vessels etc. We offer

- Hot vulcanised workshop lining for critical wear and chemical reaction applications where long service life is essential
- Cold bonded lining (glue adhered cured rubber sheeting) is available for less critical applications or when lining must be completed on site

Turn Key Projects

Viking Conveyor offers a turn key approach to conveyor belt replacement from specification to installation.

You give us access to your plant, site inductions and isolations we do the rest, handing you back a conveyor ready to run.

We also install and maintain conveyor belt cleaners, trough frames, rollers, skirting and conveyor tracking systems.

Training

Our technical and sales team are available to provide on site training to operators and engineers on general conveyor maintenance and conveyor belt tracking techniques with the objective of maximising your assets life.



Conveyor Belt Tracking Systems

We recommend Tru-Trac conveyor tracking systems as a maintenance and damage free means to track your conveyor belt that out lasts and out performs traditional centre pivot training sets.

Hazard Controls

Conveyor systems add a number of Hazards to Quarry and Mining operations, each of which require effective control. In response to the hazard posed by return rollers dropping onto people walking or working below a conveyor, we have added the cost effective ASGCO Return Roller Safety Cage to our range.

Screening Plant Capping Strip Rubber

Viking Conveyor stock a wide range of wear resistant natural rubber extruded capping strip profiles for use in screening applications.

Wear Resistant Rubber Sheeting

We are specialists in rubber lining, stocking our own proven Viking rubber range as well as a range of Rema Tip-top and Linatex specialist wear resistant products.

Drum Lagging

When faced pulley slippage we recommend the following lagging solutions in order of increasing effectiveness

- Diamond strip lagging
- Smooth Rubber lagging with option to chevron groove
- Ceramic inserted rubber strip lagging

Viking Service Network

- Nationwide Independent Distributor network
- Specification and installation specialists
- 24 hour onsite service

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