

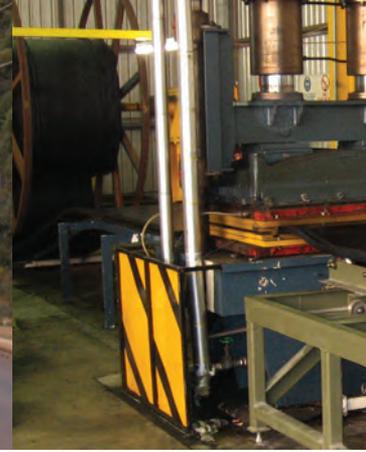


JLV Industries Pty Ltd



“Conveying Quality”

Cable Hauled Conveyor
Belting & Services



CABLE HAULED CONVEYOR BELTING

JLV's own unique pre-troughed belt construction, the "Combi-Belt" is reinforced by a combination of steel rods and mesh. Generally belts were previously reinforced with rods or fabric but not both. Those designs do not perform as well as Combi-Belt. We have patents protecting the unique design of our Combi-Belt. This is not the original 'strapped belt' or 'rodded belt'. It was designed specifically to overcome the deficiencies of rodded and mesh belt and to provide increased belt life. Combi-Belt is the most efficient method of conveying bulk materials in a cable hauled system.

COMBI-BELT ADVANTAGES

- Guaranteed no "soft spots".
- Composite mesh / rod matrix "locks up" to prevent belt from collapsing.
- Distortions caused by heavy impact can be repaired.
- Damage to fabric and rods caused by skirt and scraper wear does not cause critical failure.
- Can be pre-troughed to suit individual customer requirements.
- Can be refurbished to provide increased life.

MESH BELT

We can also manufacture the traditional Mesh Belt if required but this comes with a limited service life, which is inherent with the design. This design of belt dates back to the 1970's and minimal progress has been made to increase the performance, durability and service life of the product.

While we strongly recommend Combi-Belt for all cable hauled conveying systems there are sometimes situations where Mesh Belt must be used. These situations may include the following;

- Lack of flexibility or time for conducting trials.
- Partial order only to replace mesh belt in a 100% mesh belt system.



SERVICES

Refurbishment

JLV has developed a system of refurbishing cable hauled conveyor belts and to date we have refurbished in excess of 90,000 metres. This involves the timely removal of belts from the conveyor, buffing preparation of the existing top cover, and the vulcanising of a new top cover on to the belt. Worn shoe forms may also be removed and replaced with new.

Rope Services

JLV has years of experience maintaining the steel wire ropes that run cable hauled systems. We have the technical capability and experience to complete rope change-outs, rope splicing and general rope maintenance. We work closely with a number of our customers to provide regular site services where we inspect and maintain their drive cables. We have implemented preventative maintenance schedules for our customers to eliminate risk and associated downtime relating to poorly maintained ropes.

Engineering Audits

Objectives - To check on current condition of the various components in a Cable Hauled conveyor System and to identify areas that require immediate and future attention. Where required, specific and detailed recommendations are provided for a performance upgrade and optimisation of the conveyor. The client is provided with a comprehensive audit report.

Onsite Deflection Monitoring

Transverse stiffness is a very important property of cable hauled conveyor belts. The load carrying capacity is directly related to the degree of troughing, which is determined by the deflection of the belt under load, in combination with any pre-toughing that may have been built into the belt during manufacture.

Belt Thickness Measurements

Objectives - To determine top cover wear rates of cable hauled belts currently in use. And to formulate an effective belt replacement / refurbishment programme based on established wear rates. It is essential that this exercise is complemented by visual inspection of belts for abnormal wear or damage due to dislodgements, high impacts, scraper and / or skirt wear.

Other Services

- Design of Cable Hauled conveyor systems
- Trouble-shooting, problem identification and solution management
- Upgrade of conveyors and gearboxes
- Sourcing of all mechanical, electrical and miscellaneous components
- Conveyor Modelling - static and dynamic analysis where required



Quality
ISO 9001



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