



IRON ORE MINING

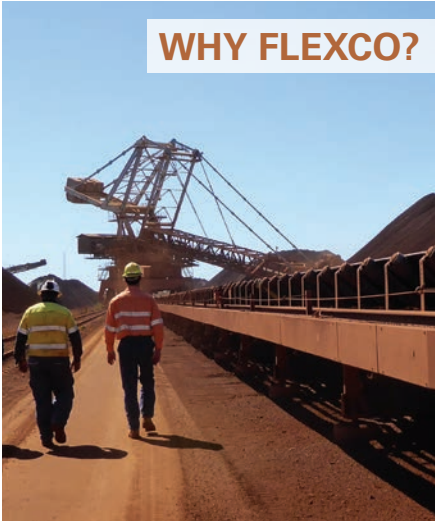
Flexco is committed to keeping your belts and your business moving



Partners in Productivity

FLEXCO UNDERSTANDS IRON ORE MINING

WHY FLEXCO?



When you are conveying the toughest, most abrasive materials in the world, you can count on Flexco solutions to keep your belts running at maximum productivity. For over 110 years, Flexco has continually strived to improve the performance of conveyor operations in the industry, determined to be the best at what we do and lead with excellence.

During our 30 years in Australia, our team has built a strong relationship based on trust with the iron ore industry. Our attention to detail, performance, and understanding of belt conveyor systems is the basis of our credibility. What sets us apart is not only our complete line of belt conveyor solutions, but our dedicated team of experts in the field to help support, assess, and provide solutions for your conveyor system challenges.

We genuinely invest in the success of our customers and honour industry relationships in order to be one of your most valued partners on the job.

HOW FLEXCO CONTRIBUTES EXPERTISE TO THE IRON ORE MINING SECTOR

DIRECT SUPPORT

Flexco Australia has a dedicated team of expert salespeople, engineers, and customer service representatives who are committed to supporting your facility. We also have 13 locations around the world which act as an extension of our support system.

Our team in Western Australia works tirelessly to support Iron Ore facilities. In Perth, we have local engineering and warehousing capabilities in support of our local territory managers and specialists who have all been working in iron ore mines in the Pilbara and all of Western Australia for more than 10 years.

GLOBAL DISTRIBUTION NETWORK

With representation and distributors in over 150 countries, Flexco has local inventory available near you. Our global reach makes it easy to get what you need, when you need it. With both a team of field representatives and global distribution partners, Flexco is grounded in real people who are dedicated to the future of the iron ore mining industry.

HEAVY-DUTY FIELD SUPPORT

The Flexco team of field specialists are situated all over the world and can help you solve any challenge along the belt line, as well as provide extensive training and support. Our team is on-site most days, supporting operations by assessing identified conveyor challenges and collaborating with engineering to deliver the best possible solution for the site. Our hands-on approach to support is what sets us apart from our competitors. We truly want to act as your partners in productivity.



SOLUTIONS FOR EVERY ISSUE ALONG THE BELT LINE

✓ INCREASE UPTIME

✓ REDUCE BELT SLIP

✓ ELIMINATE SPILLAGE

✓ CORRECT BELT MISTRACKING

✓ PROTECT TAIL PULLEYS

✓ PROTECT THE BELT

✓ REDUCE CARRYBACK

✓ ENHANCE SAFETY

CUSTOM ENGINEERED SOLUTIONS FOR IRON ORE



TUNGSTEN TIP DEVELOPMENT

Originally, Flexco tungsten tips were 10mm; however, Flexco saw the need to develop a 15mm 'extra-life' tip specifically to keep up with current standards for iron ore. Additionally, a 25mm tip was made to combat high-wear areas and cater to extended run time between shutdowns.



CUSHION DEVELOPMENT

Flexco developed the FMS cushion, which was successfully trialed at numerous iron ore sites. The new cushion reduces buildup and improves cleaning efficiency on the toughest belt conveyor systems, ensuring the belt cleaners maintain optimum cleaning efficiency between shutdown periods.



PORTABLE AIR TENSIONER

The Portable Air Tensioner (PAT) is ideal for extended shutdown strategies. The system ensures tips maintain constant pressure on the belt without any need for manual adjustment.

FLEXCO AUDIT APP

Our Flexco audit app was made specifically for conducting belt conveyor system audits on-site. The app allows specialists to input conveyor system ratings, diagnose issues, attach photographs, and include detailed notes within reports. Even better, our Flexco specialists can generate and email a report instantly, so you get the results within seconds. We'll then help you implement whatever suggestions you deem necessary to make your conveyor system the most productive it can be!



Quality Endorsed Company



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SAFETY AND QUALITY

Flexco is committed to safety and quality. Our hands-on industry experience gives us deep insight into your productivity demands, maintenance, and safety requirements. Our ability to continuously deliver exceptional customer satisfaction and retention results directly from our commitment and strong quality control processes (ISO 9001).

CASE STUDY

PAIN POINT

A large mining conglomerate in Western Australia found itself purchasing 15mm secondary cleaner tips every 12 weeks, equating to approximately four sets per year, per conveyor.

SOLUTION

The average tungsten carbide cleaner tip is 10-15mm long. Using the highest possible grade of tungsten carbide, Flexco created, manufactured, and began testing a 25mm secondary cleaner tip to complement its existing 25mm primary cleaner tip.

SUCCESS

The particular site had moved from a standard shutdown cycle of 12 weeks to a 10/20 week cycle. The idea behind this was to carry out major work during the 10 week shutdown, and leave other general works such as cleaner tip change out for a 20 week shutdown. With the help of Flexco's improved tungsten tip length, the site was able to successfully last a full 20 week cycle without conducting general work. This equates to a 20% cost reduction per annum in the amount of downtime and labour the site paid for on just one conveyor.

YOUR BEST CONTACTS

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EDUCATION AND TRAINING

ONLINE

Flexco University is your central source for information on Flexco products. The online learning tool is a perfect beginner's course or a refresher course for in class attendees to reinforce practical skills. From selecting the right productivity-boosting solution to installing it correctly, you'll find all you need to become an expert on our solutions. Courses cover all skill levels, and can be taken as online sessions at your own pace and convenience.



IN CLASS

Our Sydney and Perth Offices both offer well-equipped training facilities to accommodate a comprehensive training program, incorporating both classroom presentations and hands-on learning. Spanning over two days, Flexco specialists provide extensive technical information and practical demonstrations to assist you with problem solving, maintenance, and safety on-site.

ON-SITE

Flexco field specialists can visit you on-site and conduct hands-on practical training right on the conveyor. Our specialists and territory managers have a number of materials to assist them in conducting valuable training sessions on-site, including portable conveyor systems, demonstration products, and samples, as well as theoretical information for attendees.

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