



MINIMISE RISK OF EXPLOSION WITH FLEXCO GRAIN TRANSFER CHUTE SYSTEMS



Partners in Productivity

FLEXCO GRAIN TRANSFER CHUTES: The Engineered Solution To Your Dust

Flexco understands the intricacies of bulk material flow through a conveyor transfer and knows how to translate this knowledge into practical designs that allow customers to realise significant improvement to operations. We have a complex understanding of the grain industry worldwide and design our transfer chutes to address the grain industry's need to reduce the risk of explosions and fires through lowered dust emissions.

The FlowFirst™ design approach is based on proprietary Tasman Warajay® Technology developed by Flexco. With our FlowFirst approach, Flexco develops optimum material flow paths, and the physical transfer chute and ancillary equipment are then designed around that flow path. The geometry of the flow is optimised for your material and operation needs.

Flexco systems are characterised by:

- Soft and central loading on the receiving belts
- Proven low levels of dust generation, spillage, and material degradation
- Reduced risk of fire and explosion
- Significantly reduced occurrence of blockages
- Reduced component wear with minimised ongoing maintenance and operating costs
- Low noise levels



Flexco Transfer Chutes are designed to perform optimally under varying conditions for free flowing bulk materials, including fluctuations in moisture content and flow rates that are normal and expected in bulk material handling operations. Severe conditions that impact flow properties and/or create excessive build up on flow surfaces and materials that are less than free flowing will receive additional consideration during the design process.



THE FLEXCO TRANSFER SYSTEM VALUE MAP

OPTION	PRINCIPAL	AIM	ACTION	GOALS ACHIEVED			
				PRODUCTIVITY	EFFICIENCY	ROI	
OPEX	1	Repair issues as they arise without improving overall performance.	Minimize OPEX spending with minimal downtime.	Piece by piece repairs will keep the chute running for 1-2 years and move the need for capital expense commitment forward.	✓		
CAPEX	2	Identify underperforming chutes sections and upgrade them, utilizing as much of your existing chute as possible.	Deliver performance improvements to the material flow and improve chute life at a lower price than acquiring a new chute.	Work with Flexco to identify issues within the chute that are constraining your material throughput. By preparing a proposal that only addresses the problem areas, you can remove the production limitation, address safety issues, and extend the life of the chute.	✓	✓	
	3	Replace the aged, low performing, or worn chute with a custom-engineered Tasman Warajay® Technology chute solution.	Deliver a purpose-built chute to meet the current and future needs of your operation with special consideration given to: safety, environment, material quality, tonnage, speed, and expected life.	Replace your current chute with a solution designed to meet your operation's goals now and into the future. Increase your tonnage per hour, reduce your maintenance time and costs, and protect your employees and the environment with a custom-built transfer solution.	✓	✓	✓





When it comes to the grain industry, Flexco understands that damaged product can make an impact on your bottom line. That's why we offer products and technologies that reduce material loss, while optimizing throughput levels for your grain products.

Whether we're minimizing your risk of explosions with our Everdur® fasteners, or keeping impact and drop heights at low levels and controlling material speeds with our FlowFirst™ transfer chute solutions, Flexco has got you covered.

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