

Twin tilt-down flexible screw mobile conveyor

New from Flexicon is a Twin Tilt-Down Flexible Screw Conveyor system with dual hoppers on a common mobile base, constructed and finished to 3-A sanitary standards.

Ready to plug-in and run, the self-contained Twin Tilt-Down Conveyor system can fill two vessels with the same material simultaneously or convey two different materials. Mounted on a frame with locking castors for in-plant mobility, it can be utilised in multiple locations, and rolled to a wash-down booth.

Each 113-liter hopper is equipped with grates capable of supporting a 115 kg bag of material, level sensors and mechanical agitator assemblies to promote flow into the conveyor inlets.

The two BEV-CON™ conveyors are engineered to move dry bulk solids efficiently without product degradation, especially non-free-flowing materials that pack, cake, smear, fluidise, compress or are otherwise problematic to convey. The screws are the only moving parts contacting material, and are driven beyond the point at which material is discharged, eliminating wear and

contamination related to product contacting seals and bearings.

Discharge housings of the conveyors are supported by dual motorised booms that cantilever from the mobile base, allowing discharge of material into processing equipment or storage vessels. The support boom and conveyor assembly can be tilted down to manoeuvre through standard doorways and aisles, and around corners for use anywhere in the plant.

The system is constructed to 3-A sanitary standards, and features sanitary quick-release clean out caps, quick-disconnect discharge box access covers, and wash-down motors.

The stainless IP65 (NEMA 4X) control panel allows operation of either or both conveyors. HMI controls allow manual and automatic start/stop, reverse and variable speed adjustment.

Flexicon also manufacture other types and sizes of flexible screw conveyors as well

as tubular cable conveyors, pneumatic conveying systems, bulk bag dischargers, bulk bag conditioners, bulk bag fillers, bag dump stations, drum/box/container tipplers, drum fillers, weigh batching and blending systems, and engineered plant-wide bulk handling systems with automated controls

www.flexicon.co.za



The Twin BEV-CON™ Flexible Screw Conveyor system with dual hoppers on a mobile base transfers difficult-to-convey materials at multiple plant locations, simultaneously or separately, and can be rolled to a wash-down station for sanitising.

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