



Product News

Flexicon: All Steel Flexible Screw Conveyor resists Abrasion

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Whitstable, United Kingdom -



Flexicon all-steel flexible screw conveyor conveys crushed glass, garnet, aluminium oxide, silica sand, aggregate, cement and other abrasive materials dust-free. (Pictures: ©Flexicon)

The screw is available in lengths up to 12 m in round, square, flat or beveled profiles to optimise conveying efficiency for each application. The 115 mm diameter conveyor tube is available curved to vertical, to horizontal or any angle.

The screw is the only moving part contacting material. Its lower end has no bearing, while its upper end is driven beyond the material discharge point, preventing material contact with the upper seal or bearing. This configuration facilitates simple maintenance in harsh environments since the single moving component can be quickly replaced if necessary.

As it rotates, the screw self-centres, providing ample space between itself and the tube wall to minimise or eliminate grinding. The gentle rolling action imparted by the screw prevents the separation of blends, while the enclosed conveyor tube prevents product and plant contamination.

Supplied as standard with a durable industrial coating, the unit is available with an optional start-stop control panel and a range of flow-promotion devices.

The company also manufacture other flexible screw conveyors, as well as pneumatic conveying systems, tubular cable conveyors, bulk bag dischargers, bulk bag conditioners, bulk bag fillers, manual dumping stations, drum/box/container tippers, weigh batching systems, and automated plant-wide systems integrated with new or existing process equipment.