



Hycor[®] Helicon[®] Spiral Conveyor

Automatic, trouble-free solids handling for municipal and industrial applications

The Hycor[®] Helicon[®] Spiral conveyor is the answer for efficient, reliable automatic transport.

The conveyor is frequently used in conjunction with other Hycor equipment to create a solids management system that conveys the screened solids to washing or dewatering, and ultimately to disposal.

The Helicon conveyor is totally enclosed. Bolt-on covers contain odors, keep extraneous materials out, eliminate spills and minimize housekeeping.



Receiving screenings from multiple pieces of equipment

The conveyor is part of the proven Hycor family of liquid/solid separation equipment based on shaftless spiral technology. Hycor's shaftless spiral design is extremely simple, uncomplicated and will provide years of trouble-free performance.

The shaftless spiral provides clear, unrestricted throughput with no center shaft to snag or wrap solids. There are no intermediate hanger bearings to obstruct flow and no maintenance-intensive end bearings. Whether solids are dry, moist, viscous, bulky, fibrous or stringy, the Helicon handles them all with smooth, quiet, vibration-free performance.

Even particles of different sizes move through the trough unimpeded. The Helicon conveyor is quality fabricated. The housing and covers are corrosion-resistant stainless steel, and the transport spiral is heavy-duty, high strength carbon steel.



Shaftless conveying spiral provides clear, unrestricted throughput

Helicon® Conveying Features

- Labor-saving, automatic, reliable conveyance adds new efficiency to the process
- Smooth running, heavy-duty shaftless spiral provides large capacity, trouble-free conveying, even for difficult fibrous or stringy material
- Totally enclosed conveying system keeps transport areas clean, contains odors and alleviates spills
- Versatile, cost-efficient – can be specified with multiple entry points to collect material from different equipment
- Rugged, durable, trough liner
- Low maintenance – no hanger or loaded end bearings to grease and repair or to snag solids
- User-friendly! Operates smoothly and automatically
- Specify push or pull design for maximum flexibility



Optional bagger assembly minimizes odors and reduces housekeeping



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