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PRESS RELEASE



LIVE DRUM SPIRAL CONVEYOR REACHES NEW HEIGHTS

Oshkosh, Wisconsin – February 2012: At close to 20 feet in height, this is one of the tallest Live Drum Spirals that Nercon has manufactured. There are 17 tiers with cases travelling at 150 feet per minute. Live Drum Spiral Conveyors can attain higher elevations than competing high-tension spiral solutions because of the low-tension concept. The Live Drum Spiral Conveyor utilizes a cylindrical drum that assists in driving the modular plastic belt. The benefits of this elevating solution include low belt tension, increased elevation changes and capacity, design and product range versatility and low maintenance.

Regardless of the conveyor length, the rotating stainless steel drum imparts the driving force to the inside edge of the belt creating very low tension on the belt. The benefit of low belt tension allows for exceptionally long runs translating into significantly increased number of tiers. The low-tension principle of the Live Drum has allowed Nercon to engineer load capacities up to 20 lbs. per linear foot of chain.

This low tension Live Drum Spiral having longer runs and multiple tiers in its design can attain greater elevation changes compared to shaft and sprocket driven high tension spirals. The number of tiers is limited by the complex drive system and chain pull limitations in high tension spirals, whereas the Live-Drum Spiral's effective edge wrap driving force maintains low tension throughout multiple tiers resulting in higher elevation designs. The substantial quantity of conveying belt in this relatively small footprint offers manufacturers increased production and profitability.

From a design standpoint, the Live Drum Spiral Conveyor can be configured with various in-feed and discharge locations, and it can be engineered to lower or elevate products. The Live Drum Spiral Conveyor design also provides versatility in product shapes and sizes. This equipment can transport packages such as jars, tubs, cups, bundles, cans, bottles, bags, pouches, cartons, totes and cases. Further, the Live-Drum Spiral can be designed to accommodate several sizes of products on one production line with no changeover.

Another advantage of the low tension Live-Drum Spiral Conveyor is minimal maintenance. Competing high tension spirals have multiple drives, motors, bearings, rollers and hundreds of moving parts to maintain. The continual low tension operation of the Drum Spiral results in longer life of the two drives, belt and other components in the system. The unit link belting utilized in the Live Drum Spiral allows for quick repairs.

Nercon has over 35 years of experience in engineering conveyors and material handling equipment, and is well known as a designer, integrator and manufacturer of packaging and process conveyors and material handling equipment.

For white papers, brochures and videos on Nercon's Live Drum Spiral Conveyor, visit <http://www.nercon.com/Live-Drum-Spiral-Conveyor.htm> or call 920-233-3268.