The Ol’ Cable & Chain Conveyor

When it comes to conveyors for dry bulk solids, whether in powder, granule, flake, pellet or lump in bulk quantities or as minor additives, Spiroflow Systems offers a customized manufacturing solution, such as its new CABLEflow™ tubular cable and DYNAFLOW™ tubular chain drag conveyors. Designed for gentle handling applications and installations requiring conveying in multiple planes, CABLEflow™ aero-mechanical conveyors operate with reduced clearances and running speeds. They can transfer friable bulk products from single or multiple in-feed points to single or multiple discharge points with little or no damage. In contrast, the DYNAFLOW™ mechanical drag conveyor system operates within the confines of a pipe. However, the discs that move material along the pipe, connected by articulated metal links (chains), are intended for heavy-duty applications. The discs can be made from various materials, including steel and cast iron, which enables them to operate at temperatures up to 482°F (250°C). Benefits of both tubular drag conveyors include:

- Totally enclosed, dust-free, contamination-free handling.
- Operation in 3 planes to permit complex circuits and eliminate transfer points, while using only a single drive.
- Minimal energy consumption.
- The flexibility to handle hot, cold, wet, dry, hygroscopic or temperature-sensitive materials.
- No need for filters or cyclones to separate air and material since no additional air is introduced into the system.

- Gentle conveying and minimal product attrition.

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