Material Handling Equipment Sophistication Growing with Modular Conveyor Systems

DynaCon modular conveyor is alternative to further investments in the material handling equipment boneyard.

(PRWEB) April 13, 2005 -- For many manufacturers, one of the few remaining places to noticeably improve production on the assembly line without extensive alteration of the production process is the material handling equipment and mainly the conveyor system. Traditionally, fixed position steel conveyors have dominated this market, but some manufacturers are discovering the light- to medium-duty DynaCon (www.dynamicconveyor.com) systems that can be reconfigured on the fly and repaired quickly are an alternative that is providing them with an improved system that costs less and gives them the flexibility to reduce downtime to hours, not days.

"It's all about uptime," says Paul Kuharevicz, engineer and sales manager for Dynamic Conveyor Corporation, Muskegon, Michigan. "And uptime hinges the capability to run with lights out dependability; and the flexibility to reconfigure material handling equipment easily to meet changing production requirements. Uptime also requires ability to repair conveyance systems virtually on the fly, so, if a forklift wipes out a portion of your conveyance system, you don't have to wait weeks for replacement or repair."

Kuharevicz adds the DynaCon modular systems are light-to medium-duty in construction, and are not for all manufacturing operations. Yet many manufacturers overlook the more flexible modular solution because they are afraid that such systems can't take the wear and tear their operations require. However, recent advances in lightweight, high impact plastics have allowed manufacturers to integrate light- to medium-duty modular systems in their material handling equipment that can provide years of reliable service and handle packages weighing up 15-20 lbs. Hence, the growing preference for modular light- and medium-duty DynaCon systems over their expensive and cumbersome fixed-steel counterparts.

"Modular systems are becoming essential for companies who need to move a lot of products on a continuous basis, and reconfigure production lines quickly," explains Kuharevicz. "Many of these companies simply don't have a need for fixed length steel conveyors, but they do have a need to move quickly. For example, in the plastics industry, manufacturers producing injection-molded products often need to switch molds and reconfigure their systems to set up for a new run of products. Using lightweight, modular systems enables them to expedite changeovers by pushing the DynaCon system out of the way while they convert the molding equipment, then push the system back into place and get production moving again."

Modular systems, such as Dynamic Conveyor's DynaCon line, are composed of lightweight, high-impact plastic units that interlock like Lego building blocks that can quickly be configured to meet the changing logistical needs of manufacturing environments. A wide variety of special sectional components and accessories enable manufacturers to adapt a variety of challenging situations, such as running the system around obstacles, changing belts and even transporting parts underwater.

Unlike more expensive heavy metal conveyor systems, modular conveyors are easy to implement with your material handling equipment and easy to service. Many parts can be replaced in a matter of minutes. Often, DynaCon users stock an inventory of accessories and high-mortality modules, although replacement units are
available from the factory on a same-day shipment basis.

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