

LMC **VIBRATORY
CONVEYOR**
MADE IN THE USA

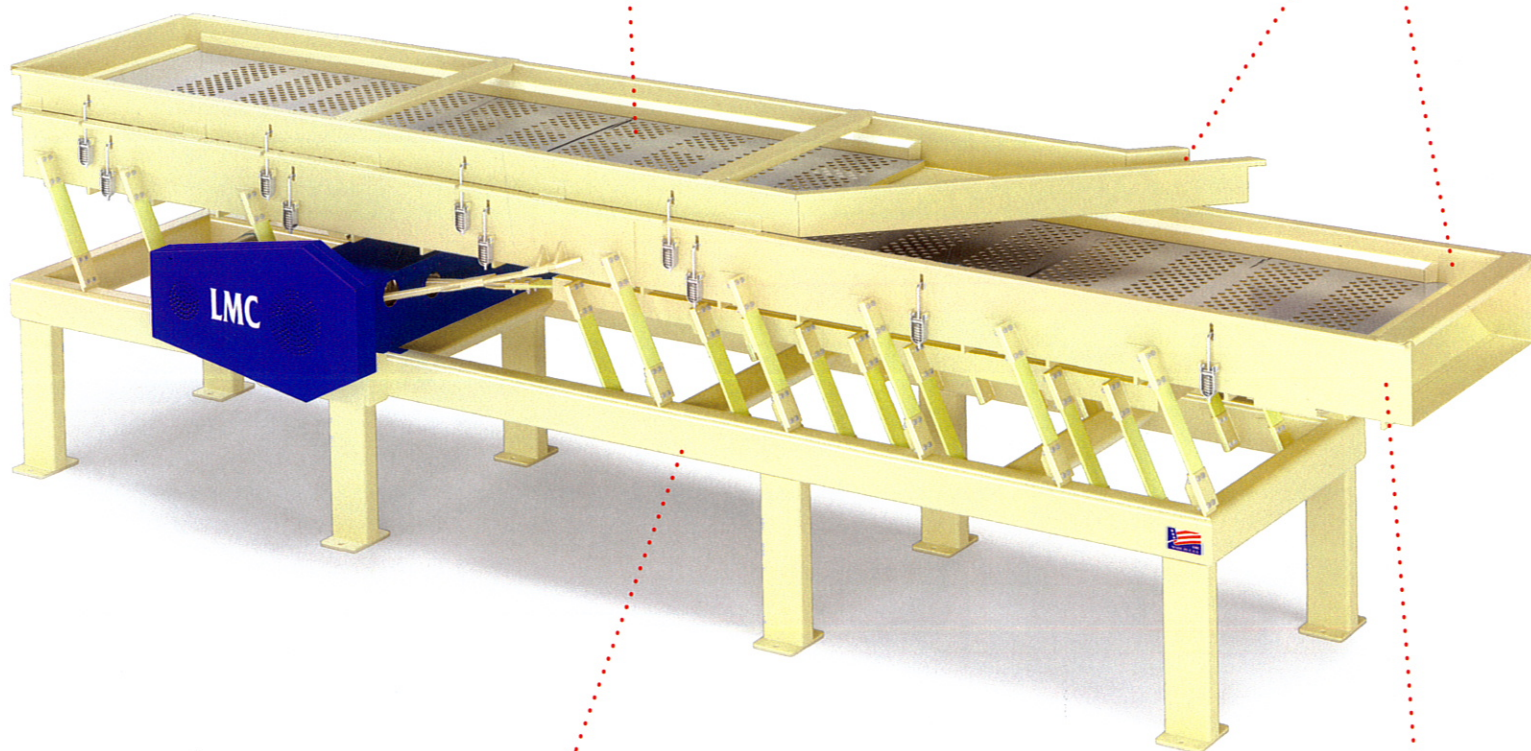


SCREENING

Screen combinations, in addition with pan configurations, can be arranged to perform sifting and scalping operations on the same machine. LMC's quick-change screens are manufactured in 2' sections for easy exchange.

DISCHARGES

Each machine is custom designed to include a spouting configuration that matches the customer's unique situation. Size, location, and orientation of spouts are some of the many modifications that LMC can incorporate into the design to accommodate certain separations or space constraints.



CONSTRUCTION

Constructed with mechanical steel tubing, the framing is strong and sanitary. Likewise, the conveyor pan is manufactured using steel components. Mild steel contact surfaces are standard with stainless steel options available. The simplicity and minimal moving parts incorporated into the design helps to eliminate pinch points and other safety hazards for operators.

PAN

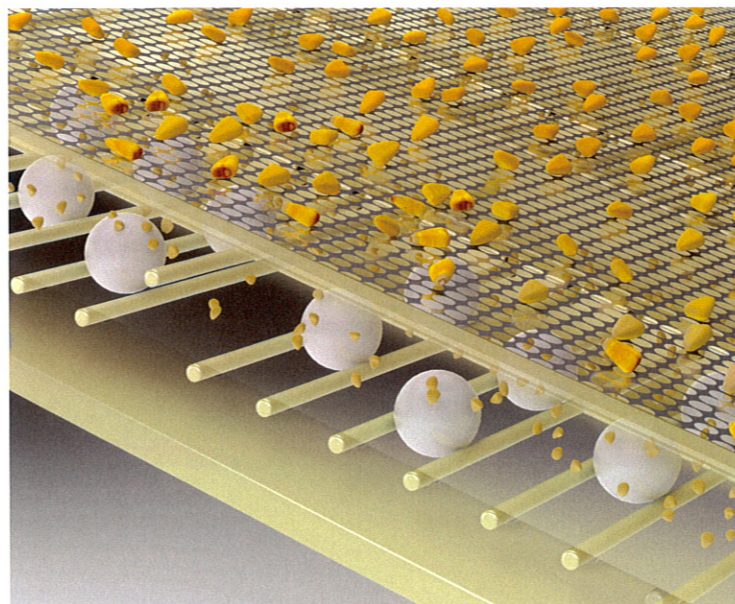
Multiple pan configurations help to make the LMC conveyor extremely versatile. Available options such as discharge systems, pan partitions, screening, piggy-back pans, abrasion resistant liners, and weather covers can be incorporated into the design to accommodate any situation.

LMC VIBRATORY CONVEYOR

The LMC Vibratory Conveyor works on eccentric action, dynamically balanced by a counterweight to reduce unnecessary vibrations and lengthen the life of the equipment. The idea behind LMC Vibratory conveyors is to convey your product without damaging it. The motion generated by our eccentric system gently moves product, while keeping it intact. This ensures better quality at the end of the process. Food safety and product purity are maintained through a self cleaning design. Our vibratory conveyors are versatile. Using a variety of options allows us to design conveying systems to fit any situation.

LMC Vibratory Conveyors are custom designed to accommodate any situation. Specific product discharge locations can be incorporated into the pan design, while discharge heights can be set using base leg lengths. If multiple products are desired to run in the same conveyor without mixing, partitions can be added with lane specific discharges. LMC Vibratory Conveyors can also be used as screeners by using multiple screen and optional ball tray configurations. Piggy-back pans can be attached to the primary pans if multiple separations or conveyances are needed. Wear resistant liners can be included with pans used for conveying product with high abrasion tendencies. Also, air-tight and water-tight covers are available for product protection in applications where contamination is an issue.

LMC offers multiple vibratory conveyor models that are tailored to the customer's specific needs. All LMC vibratory conveyors are counterbalanced, except for the "MD" medium-duty series. The "MD" design is intended for low capacity areas where space is a constraint. LMC has a design to work in any application or situation involving dry, flowable products.



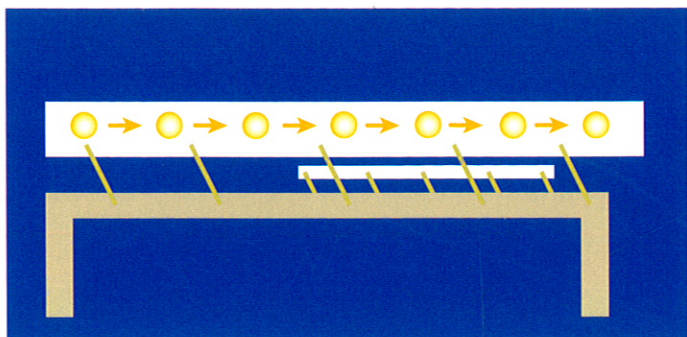
PRINCIPALS OF OPERATION

LMC Vibratory Screening Conveyors perform separations based on product profiles. The forward eccentric motion of the pan tumbles the product, presenting itself to the screen. Undersized product falls through the perforations in the screen for a uniform separation, whether scalping or sifting.

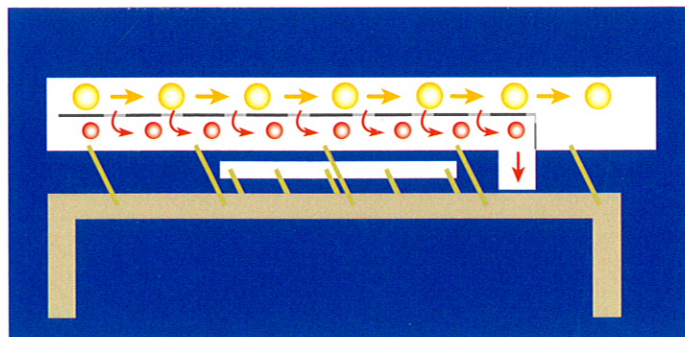
OPTIONAL FEATURES

- Stainless steel product contacts and complete stainless steel units available
- Base legs to provide additional height or slope
- Suspension mounts
- Intermediate discharge system with manual or pneumatic gates
- Product flow partitions
- Bolted construction
- Screening with or without ball trays
- Scalping attachments
- Abrasion resistant liners
- Aspiration systems
- Weather covers
- Piggy-back pans

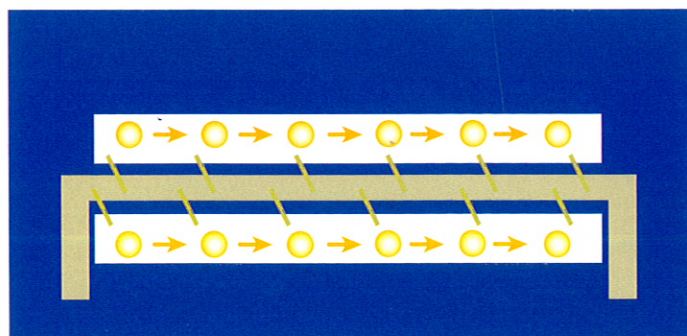
SINGLE PAN CONVEYOR



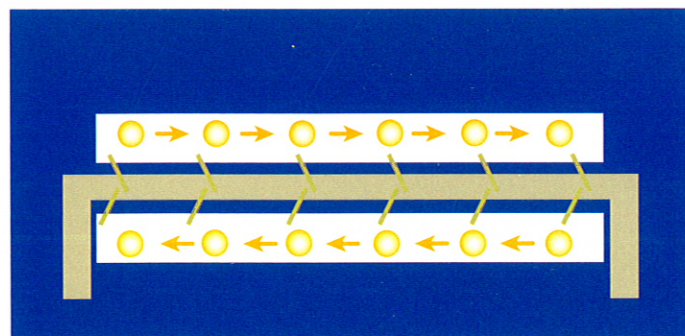
SCREENING CONVEYOR



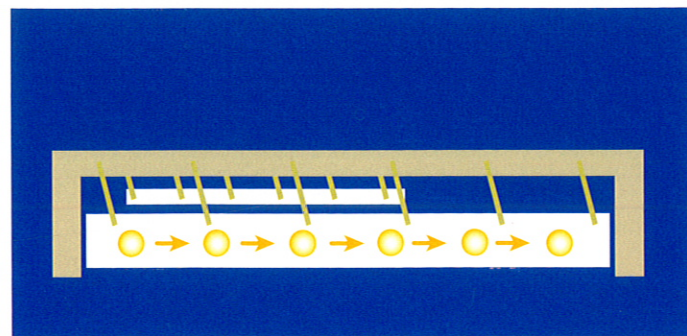
DOUBLE FLOW CONVEYOR



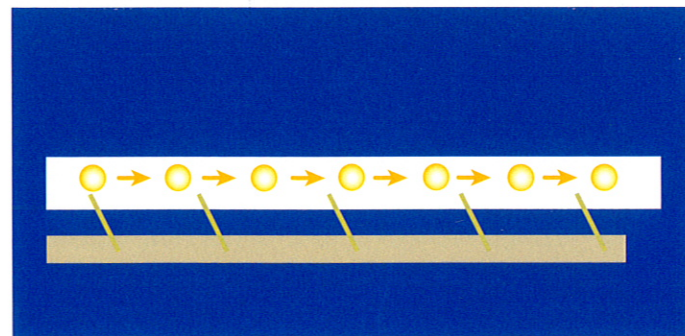
REVERSE FLOW CONVEYOR



UNDER SLUNG CONVEYOR

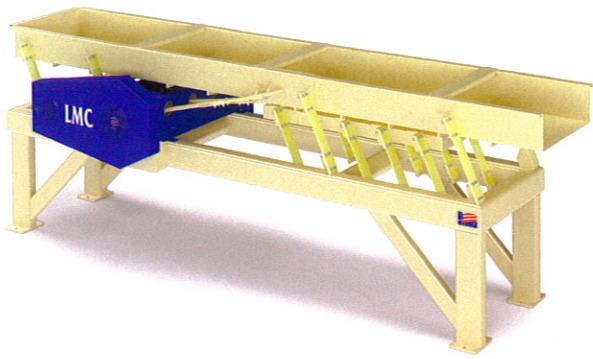


MEDIUM DUTY CONVEYOR



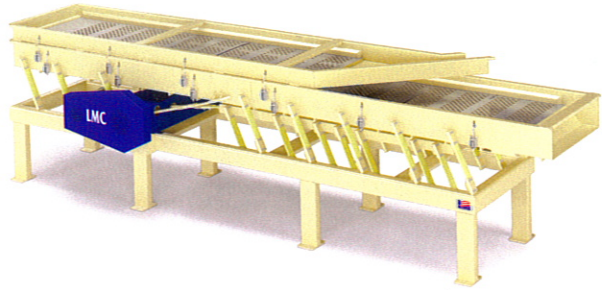
 RIDES FLOW

 FALL THROUGHS FLOW



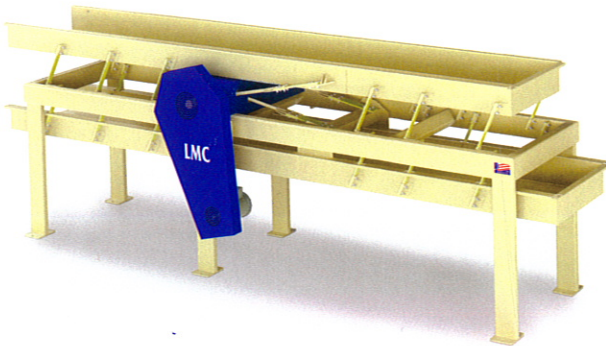
"SP" SERIES

Single Pan Vibratory Conveyor



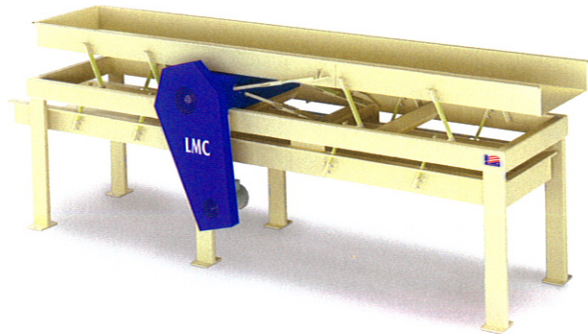
"SC" SERIES

Screening Vibratory Conveyor



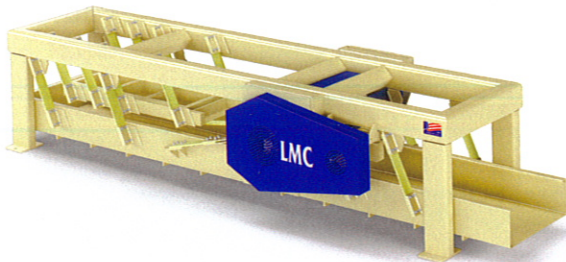
"DF" SERIES

Double Flow Vibratory Conveyor



"RF" SERIES

Reverse Flow Vibratory Conveyor



"US" SERIES

Under Slung Vibratory Conveyor



"MD" SERIES

Medium Duty Vibratory Conveyor

STANDARD SPECIFICATIONS

- Heavy duty tubular steel frame
- 12 Ga. Pan
- Pan sizes from 8" to 84" wide
- OSHA compliant safety guards





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