



CANTILEVERED DEPANNER



GENTLY AND EFFICIENTLY is how the Stewart Cantilevered Depanner removes product from the pan while allowing continuous controlled separation of the product, pan, and lid flow. The system incorporates a low-noise air separator that gently loosens product in the pan. Then, a quick, clean vacuum removal system automatically separates the product from the pan. Vertical adjustment of the vacuum chamber accommodates a variety of products safely and efficiently. It can even be adjusted while the depanner is operating. CLEAN AND EASY product handling is achieved through superior system design. No roller chain drives are present, reducing maintenance and related costs. A quick-release tail shaft provides

simplified vacuum belt removal for easy cleaning. Pans travel level through the depanner. A cyclone seed separator and seed collection tray minimizes sanitation requirements. For dependable, yet gentle and efficient automated depanning process, count on the Stewart Cantilevered Depanner.

OTHER ADVANTAGES INCLUDE

- Continuous controlled depanning system for high volume production throughput.
- Safe, quiet, efficient system designed for low maintenance and long life.
- State-of-the-art technology and components for reliable, trouble-free operation.

FEATURES AND BENEFITS

General

- Full-length seed catch trough (10 ft. long) with dump pan to collect and contain up to 99% of dislodged seeds.
- High volume double jet air separators to loosen "stuck" product.
- Jets are adjustable up and down, side to side, and relative to the jet spray pattern.
- Air flows through a particulate and then coalescing filter for maximum filtering of air stream exposed to product.
- Operator has pressure adjustment as well as individual shut off valves on each jet.
- Hold down grid is longer (75%) and has a denser wire pattern to minimize product disorientation.
- Easy to clean - minimal ledges to catch seeds.
- Hollow shaft gearmotors drive vacuum conveyor and pan conveyor synchronously from one variable frequency source.
- No chain drives anywhere.

Vacuum System

- Low maintenance vacuum system capable of running for extended periods with no cleaning of blowers, filters, etc., even while running 100% seeded product.
- Ability to regulate vacuum from 0-15" H₂O (with vacuum belt open) at pick up position.
- Quiet operation approximately 85 DBA.
- Toppings (seeds etc.) filtered and conveniently deposited for easy cleaning, before they reach blower.
- Easy access to all components.

Vacuum Conveyor

- Long radius vacuum chamber to minimize product damage, i.e. cluster breaking, etc.
- Self-tracking vacuum belt for minimal maintenance.
- Soft, pliable, long lasting vacuum bellows.
- Universal non-handed conveyor construction for the greatest variety of products (except maxi-pans hardway).
- Three-ply 1/4" thick endless vacuum belts constructed of FDA approved materials for long lasting sanitary operation proven on over 150 machines.
- Cantilevered design for easy belt removal for washing.



Product Discharge Conveyor

- Self-tracking belt for long life and minimal maintenance.
- Rough top. Convex carrying surface for minimal slippage and product damage.
- Low maintenance timing belt drive.
- Easy access for sanitation and maintenance.
- Adjustable position (with slight adjustment) to minimize set-up time.

Pan Conveyor

- Manually adjustable guides.
- Steel tabletop chain.
- UHMW wear strip.
- EZ clean conveyor construction.
- Variable width dependent on associated pan conveyor system.

Options

- Plug in Delidder.
- Meter Conveyor.
- Touchscreen enabled recipe driven control available.
 - Recipes enable automatic set up of:
 - Vacuum Belt Height
 - Pan Guide Widths
 - Vacuum Suction Level
 - Product Discharge Conveyor Height
- Fully automated vacuum suction and head height adjustment available.

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