



DRY TRASH REMOVAL SYSTEMS



Flip Type Shown

- Available in Flip, "S" Style, Horizontal, and Vacuum Configurations

Standard Features

FLIP TYPE DRY TRASH REMOVAL

This unit is designed to receive baskets from an Automatic Basket Separating and Reorienting System. The basket enters the system on an inclined rough top belt (optional). Once in the Dry Trash Removal System the basket is flipped 180° for trash removal. The trash is transferred down a slide to a customer supplied collection cart.

Then the basket is flipped again 180° to the right side up position for transfer to the washer and/or basket system.

Unit is equipped with a diamond type feed conveyor with durable dual strand steel table-top conveyor at the turns, dual strand plastic table-top through the dump zone, and diamond type separator discharge conveyor. Unit is equipped with A.C. variable speed drives and is equipped with a clutch-brake basket infeed indexer. Electrical controls are mounted in the system control panel.

Features

HORIZONTAL DRY TRASH REMOVAL SYSTEM

This unit is designed to raise the plastic cases into an upright position, where a fan will blow the dry trash from the cases into a stainless steel mobile catch basket. The cases are then lowered back into their original position.

The unit is comprised of a stainless steel frame assembly containing a "rough top" belt, which transports the cases through the system, maintaining separation whilst they are raised and lowered by specially designed stainless steel guide rails.

The drive shaft is equipped with a torque limiter that will disengage in the event of a belt jam.

The system is supplied with a Nema 4X electrical enclosure containing motor (2) motor starters, and electrical push-buttons.

The system includes variable speed drive, sprockets, guards, etc. and is completely factory wired and tested. The system also incorporates an alarm package which includes infeed and discharge photo cells. This infeed photo cell detects more than one container entering the system. The discharge photo cell detects a jam due to damaged containers.



Features

VACUUM DRY TRASH REMOVAL SYSTEM

The Vacuum Dry Trash Removal System is completed with a stainless steel conveying system, mechanical variable speed drive, and a T.E.F.C. motor.

The drive shaft is equipped with a mechanical clutch, that will disengage in the event of a jam. When the clutch is disengaged, a limit switch is energized, which illuminates a light on a control panel and activates the alarm system, thus indicating the jam condition and preventing damage to the baskets.

The baskets are separated as they are transported through this system. The baskets pass through a stainless steel duct arrangement (ducts are located on top and bottom of the basket) where air is directed underneath the baskets blowing the dry trash into the canister, where the dry trash is filtered. The trash then falls into a plastic catch bin located at the bottom of the stainless steel canister.

The system can be either located directly in front of the washing and drying system or supplied as a remote independent system. When the system is located directly in front of the washing and drying system, the electrical controls can be mounted in the main electrical panel. When the system is remote, it is complete with an independent Nema 4X electrical control panel.



Features

"S" STYLE DRY TRASH DUMP REMOVAL SYSTEM

The unit is manufactured from stainless steel, and designed to invert the baskets 180-degree allowing the dry trash to fall into the stainless steel dump chute. The baskets are then re-inverted into their original position. This is all done in a vertical "S" configuration for reduced floor space requirements.

The dry trash system is completed with photoeyes which control the baskets throughout the system and is pre-wired with a Nema 4X electrical control panel.

For more information please call
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