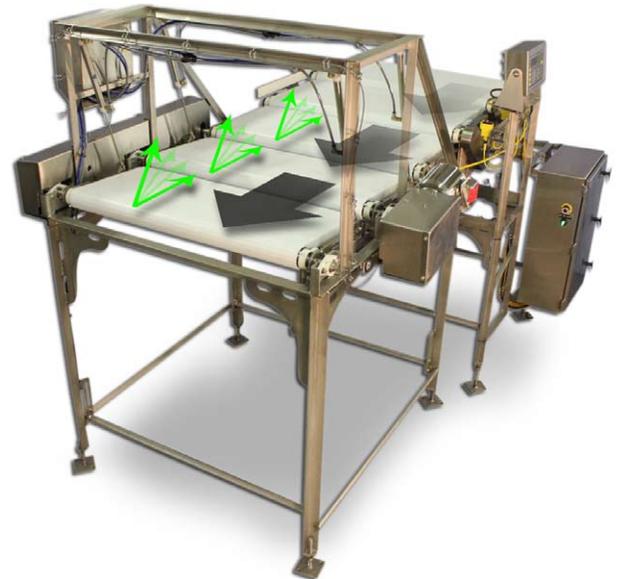
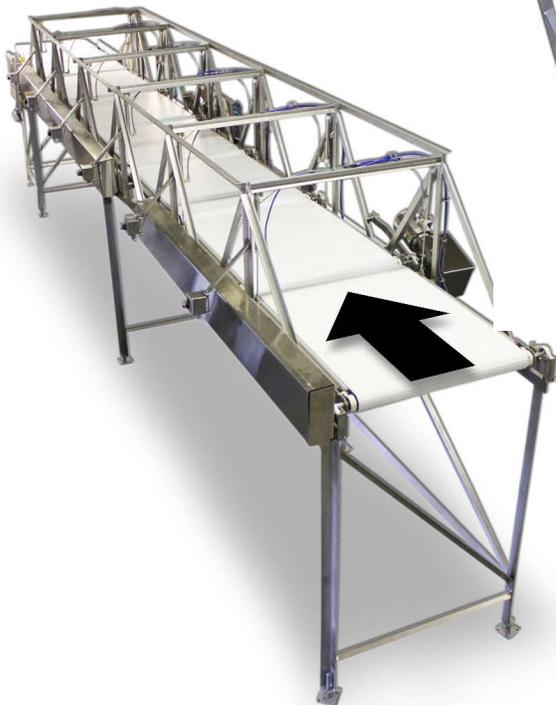


# Grading / Sorting / Classifying Systems

Finding nickels & dimes in better yield design

**Our sortation systems can significantly reduce labor and improve sortation accuracy and efficiency. We can customize a classifier to your exact physical specifications and needs.**

These systems can rapidly sort product based on weight, grade, product type, visual characteristics, count, accumulated totals, or barcode data into multiple bins, pack-off stations, or conveyor or lines/locations.



*Loin sortation system with pop-up conveyor diverts*

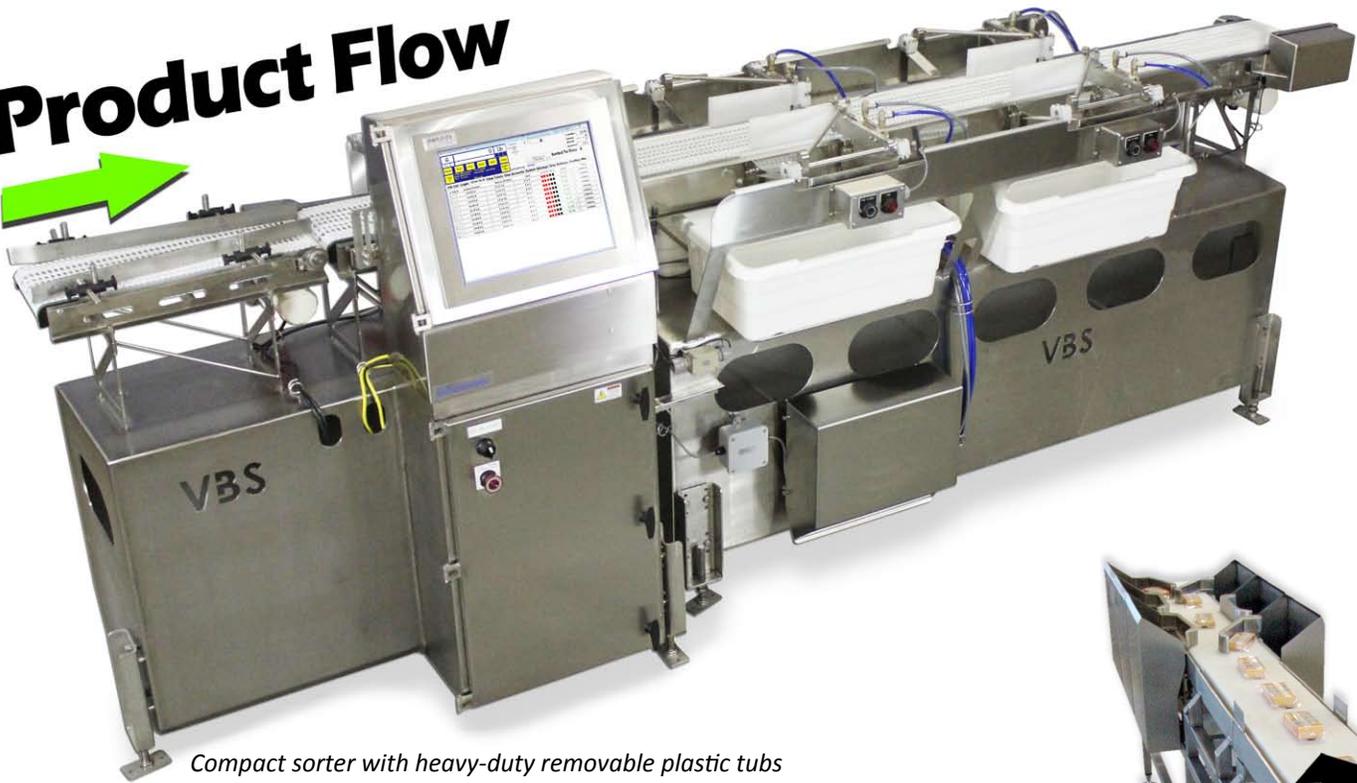
## Features and Benefits

- Significantly minimizes errors vs. manual sorting
- Reduces sorting labor costs and frees up personnel to do other tasks
- System construction such as stainless steel or aluminum is based on industry construction requirements/standards
- NTEP Approved conveyor scale ensures accurate in-motion weighing for weight-sorting applications
- Often used for sorting products such as pork primals, beef steaks, dairy, cheese, etc.

*Rib sortation system - conveyor sections lift to allow product to drop in between the short conveyor sections.*

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# Product Flow



Compact sorter with heavy-duty removable plastic tubs



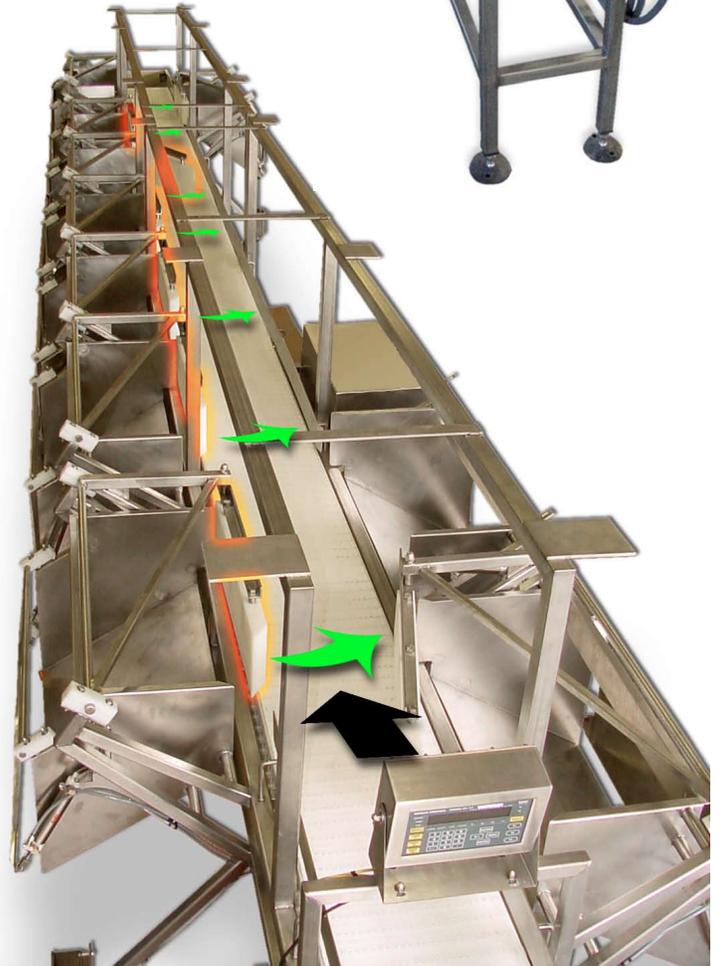
Simplified cheese sorter (right) employs pull-off diverts that grab cheese packages and direct them into stainless steel bins, based on weight.



Pork bellies are sorted into combos



Rib sorting by weight and grade

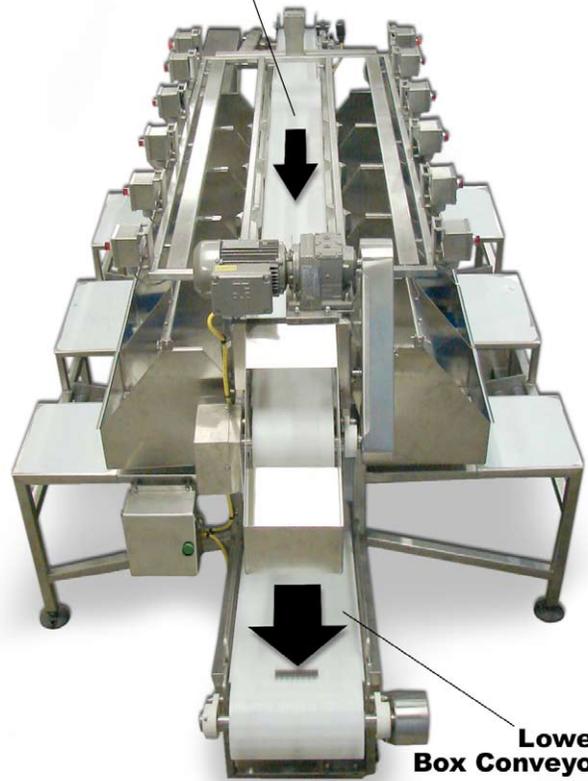


Whole hams were sorted based on weight, into various bins or combos via this conveyor sorting system



Numerous bin configurations

Upper Cheese Pack Conveyor



Lower Box Conveyor

Small Product Sortation System - small product is sorted into bins. When a bin fills, a light will illuminate indicating the contents can be transferred into a box. The box is filled and then gravity-fed onto the takeaway (lower) conveyor.



Sorting cheese by weight

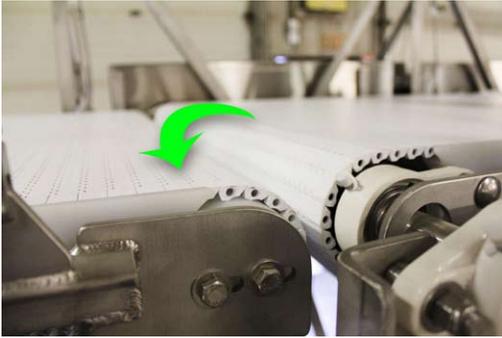


Simple, mechanically operated bins

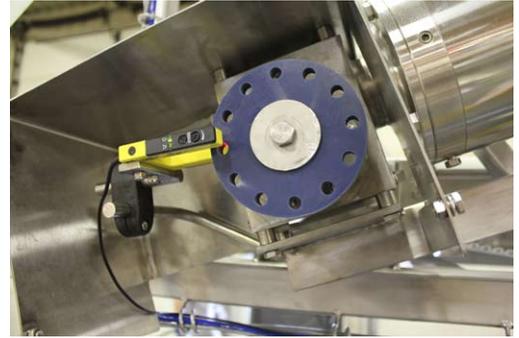


Small Product Sortation System - product falls into bins and when a predetermined weight of product is in each bin, a light illuminates prompting personnel to fill a box.

# Sortation Features



Often conveyors feature a slight cascading design which allows for better product transfer to the next section.



Encoder permits sorting based on distance, which is more accurate and reliable than time-based sorting systems.



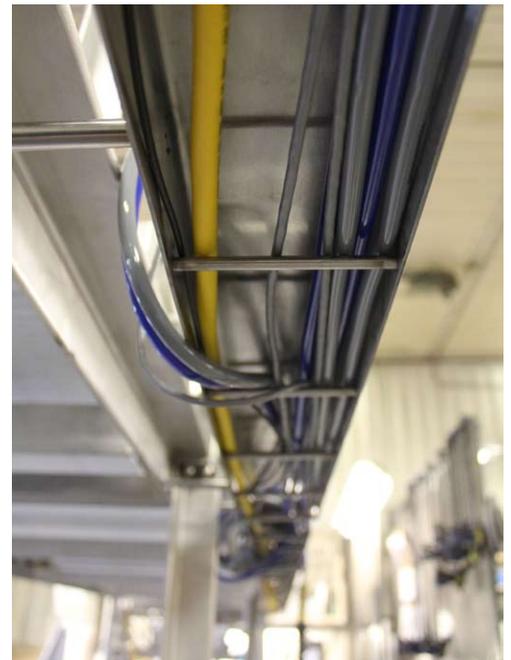
Light illuminates once a predetermined weight or quantity of product has been sorted



Stainless steel divert arms or UHMW options are available



Sticky product slides easily with our corrugated chute design



Wire-ways protect cables, hoses and wires ensuring trouble-free operation while easing sanitation concerns.

## Additional Features and Benefits

- Sort by distanced-based encoding (not time based) to assure divert accuracy
- Designed for easy daily wash downs for the food industry
- Diverts are push, pull, or gate style

Maintenance Friendly: Uses industry standard parts so personnel have familiarity with the components, which reduces down-time.

## No parts pricing sucker punches!



We use standard, industry-available components that are often easily attainable from multiple vendors, in the design and construction of our equipment assuring our customer economical, simplified, fast and efficient maintainability.

Scan this 2D barcode to see a video on our sorting systems



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