

KEY
TECHNOLOGY

A DURAVANT COMPANY

**VERYX[®] DIGITAL SORTING PLATFORM
FOR GUMMY CANDY**



TYPICAL DEFECTS VERYX® CAN DETECT AND REMOVE:



NEW SORTING EXCELLENCE FOR GUMMY CANDY

VERYX is uniquely capable of sorting out starch defects in oil coated, sugar coated, yogurt coated and vitamin enhanced gummy candies.

Besides starch, VERYX is also your ideal solution for the removal of candy foam failures (gummy in foam, foam in gummy, missing foam), candy clumps (subtle) discolorations, shape defects, surface defects, sugar coating irregularities, mold leaks, foreign material etc.



UNIQUE VERYX BENEFITS FOR SORTING YOUR CANDIES

- ✓ **The only sorter on the market with double-sided combined camera and laser configuration**
 - For unprecedented accuracy without compromising on sort criteria such as starch, FM or color
 - All-sided product inspection ensures detection and removal of more FM and defects
- ✓ **Equipped with patented Pixel Fusion®**
 - Provides higher contrast for improved detection of difficult FM and defects
- ✓ **Next-generation 4-channel cameras and high resolution laser sensors**
 - Enables VERYX to detect the smallest starch, FM and other defects, down to 1 mm²
- ✓ **Passive Background eliminates hardware changes during production cycle and minimizes maintenance costs**
- ✓ **Dedicated, ready-to-use sort recipes included**
 - Changeover between candy types can be done with a few taps on the touchscreen without having to reconfigure the sorter
 - Ensures consistent performance across sorters, shifts and plants
- ✓ **True object-based sorting- not pixel-based sorting**
 - Allows for the most accurate full object detection currently available on any sorter
 - Enables advanced Information Analytics through more precise data creation

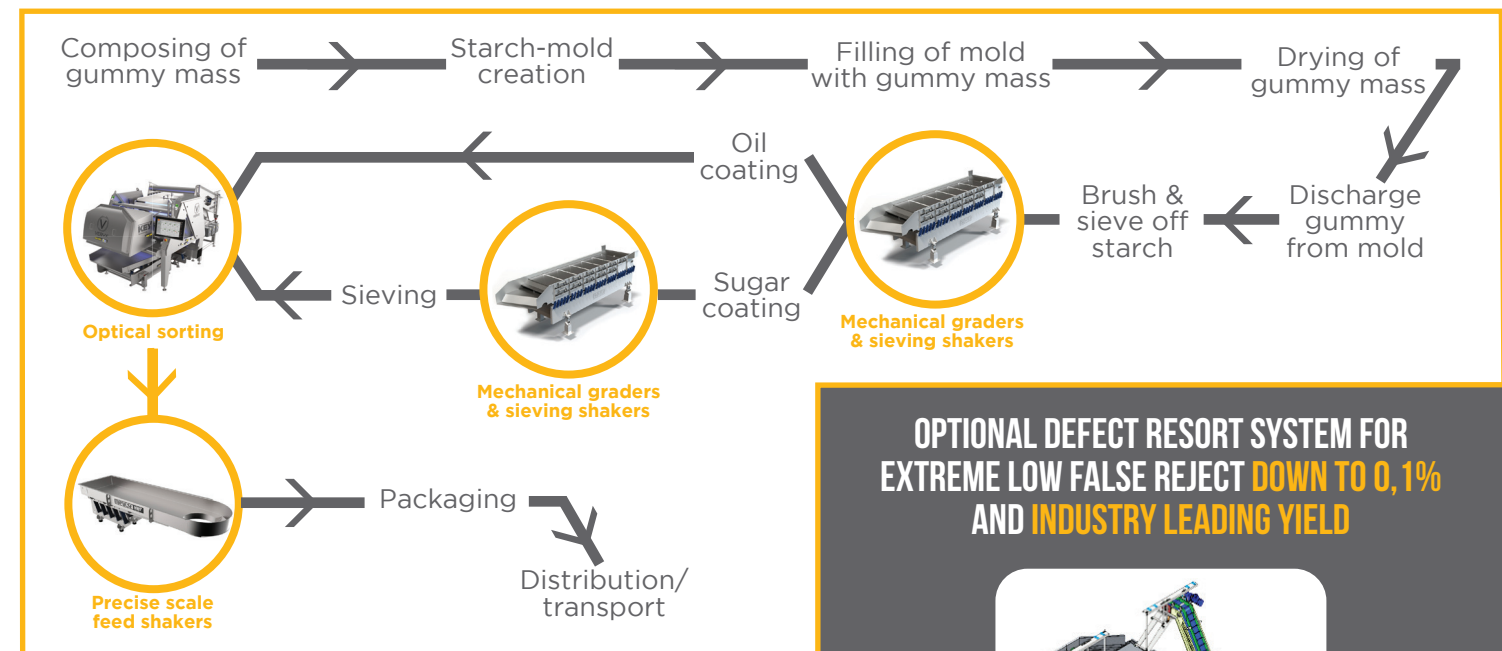
✓ Sort ✓✓ Good Sort ✓✓✓ Excellent Sort ✓✓✓✓ VERYX UNIQUE	VERYX C-SERIES	VERYX B-SERIES
Unique VERYX sensor configurations	Double sided fused camera & laser	Top fused camera & laser + top & bottom off-axis camera
Ejection	2-way	2(3)-way
(Adhesive) starch & FM	✓✓✓✓	✓✓✓
Starch on foam/white	✓✓✓✓	✓✓
Color and cross-contamination	✓✓✓	✓✓✓
Shape	✓✓✓✓	✓✓✓✓
Large candy	✓✓	✓✓✓
Capacity	Up to 5 MTPH	Up to 5 MTPH

MORE THAN JUST SORTING

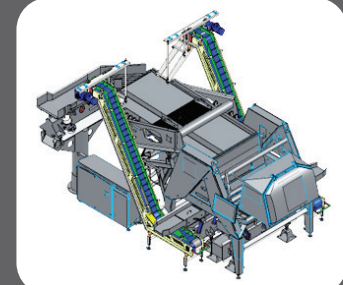
In addition to automated sorting solutions, we also offer specialized conveying solutions and complete integrated systems to enhance the overall efficiency of your candy processing line.

Use multi-functional Iso-flo® infeed shakers pre-sort for perfect product spread and initial starch

removal to maximize sort performance and at the end of your line, choose Impulse® electromagnetic scale feed shakers for precisely feeding multi-head weighers and packaging equipment.



OPTIONAL DEFECT RESORT SYSTEM FOR EXTREME LOW FALSE REJECT DOWN TO 0,1% AND INDUSTRY LEADING YIELD



Inspect your rejected candy a 2nd and 3rd time with an integrated split lane. Incorrectly rejected candy can still be recovered and is inspected one final time before going to the final accept stream.

The smallest particles of starch (Fig. 1) are effectively detected and segmented in blue (Fig. 2) by the VERYX software, even on a white surface.



Figure 1

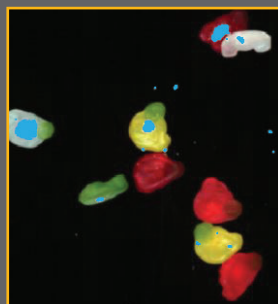
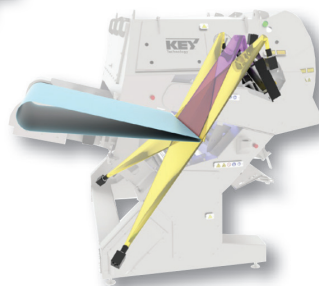


Figure 2



VERYX C-Series:
Double-sided Fused Camera & Laser



VERYX B-Series:
Top Fused Camera & Laser
Top and bottom off-axis camera

The above diagram illustrates where in your line our solutions could bring value. It is only an indicative overview. Our optical and mechanical experts will guide you to the most efficient solution for your specific production line layout.



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