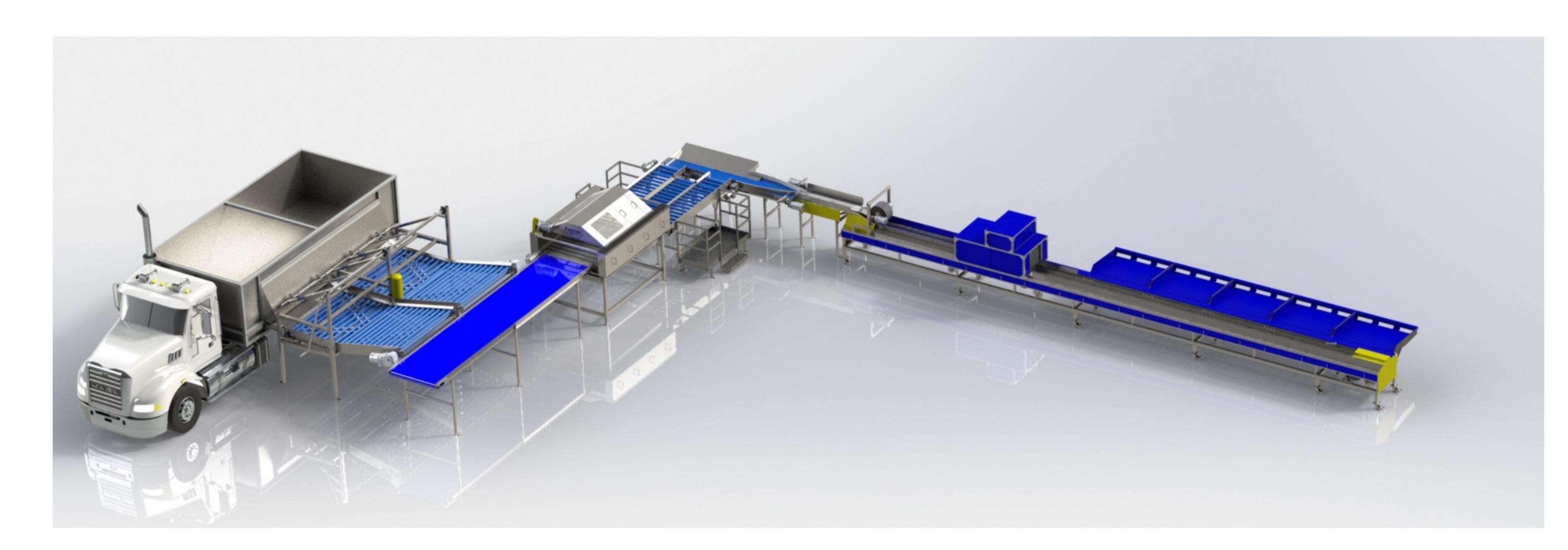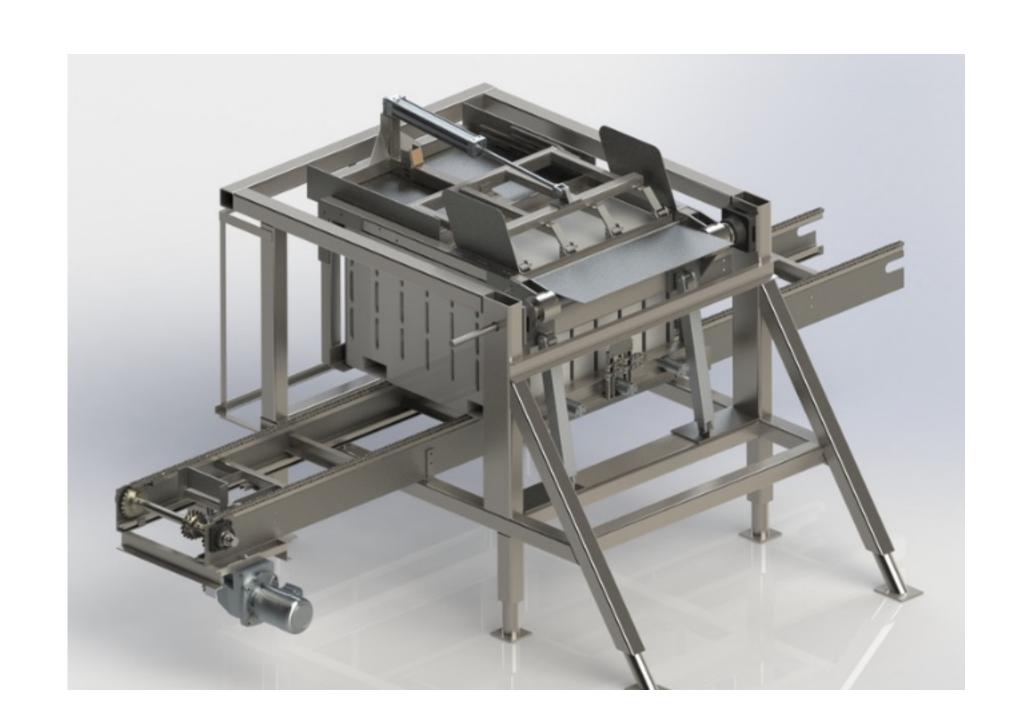## There is a reason that "Engineering" is in our name

Exeter Engineering offers complete pack line design, engineering and installation services. From product reception areas receiving product in bulk or in bins, to washing, sorting and on to packaging, Exeter Engineering will provide a complete solution, specifically tailored to your requirements.

Automated bin dump for melons. The **XTR200 Auto-Bin Dumper** is made for melons. Featuring 135° bin rotation, the XTR 200's automated door gradually opens, in coordination with bin rotation, to ensure gentle, controlled flow of melons from the bins. Automatic tamping devices gently nudge bin to eliminate melons from bridging.

Produce washing and drying equipment. Exeter Engineering offers several brush washers, including the **Series 1300 Linear Brush Washer**. This washer's unique design whereby melons are brushed from both the top and bottom. Both sets of brushes are powered and mounted with adjustable counter balances, allowing them to respond perfectly to melons of varying diameters. The Series 1300 can also be fitted with air knives atop the brushes, to ensure that each melon is throroughly dried.
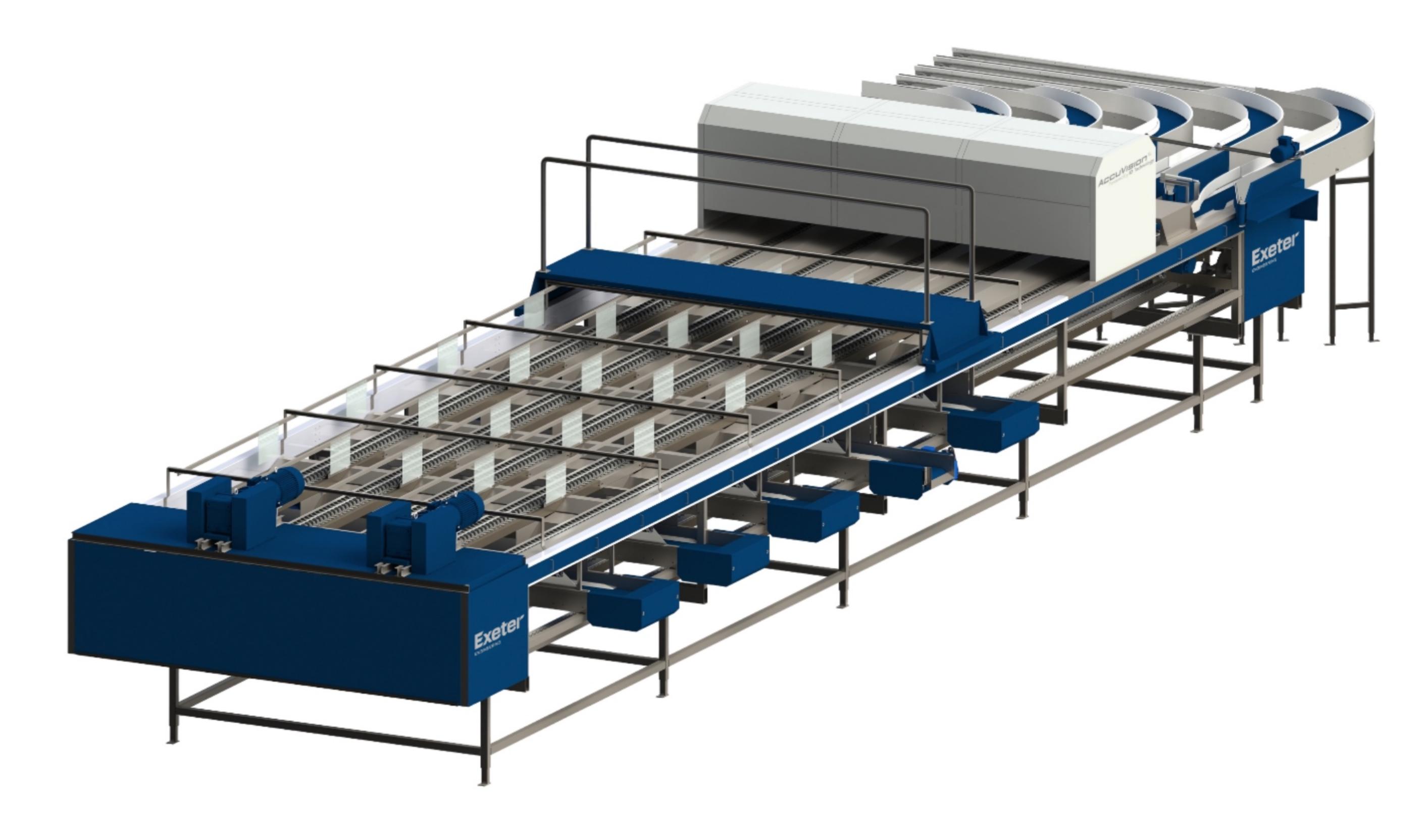
For accurate, gentle and reliable sizing and grading of melons, think AccuVision XL by Exeter Engineering. Built specifically for you, just the way you need it. If you'd like more information on what AccuVision XL can do for you, contact us today.

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Website: https://www.exeterengineering.com/

Exeter ENGINEERING

ACCUVISION XL/XXL

Accurate. Gentle. Reliable.

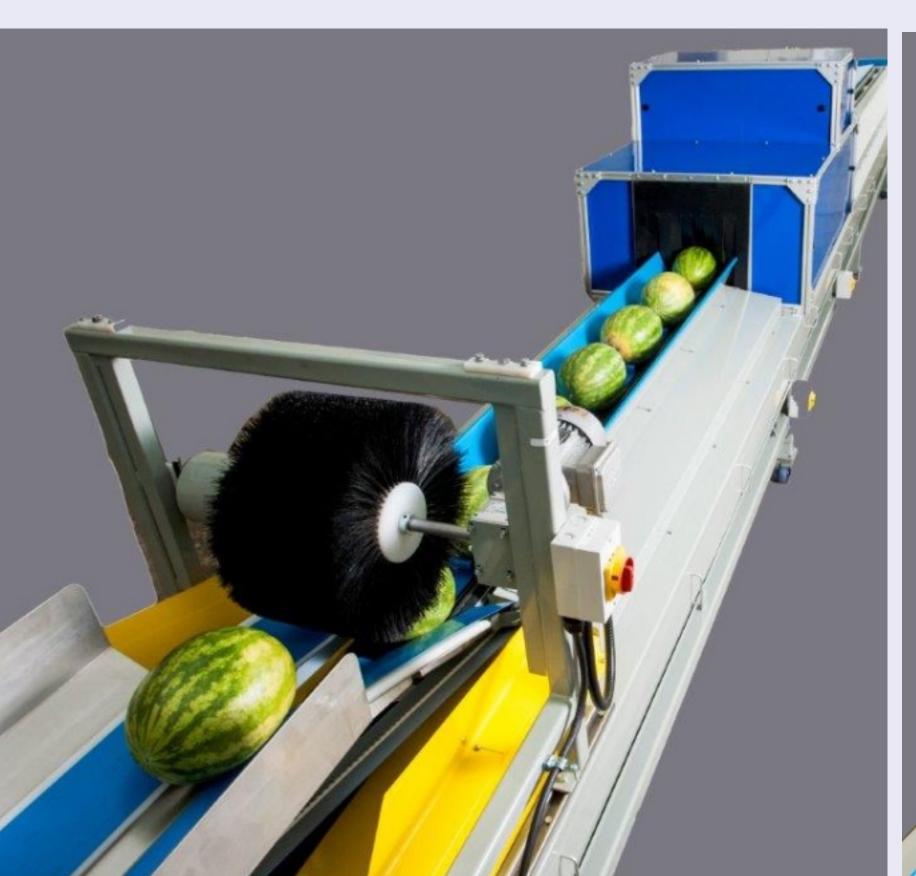## Superior optical sorting technology for melons

- High-volume: up to 35 tons per hour
- Semi-automatic singulation reuquiring only 1-2 people
- High-intensity color ad infrared LED lighting
- Accurate size sorting, by weight, dimension and shape
- High-definition color sorting
- External quality sorting for major and obvious defects

Exeter ENGINEERING

ACCUVISION XL
ACCUVISION XXL

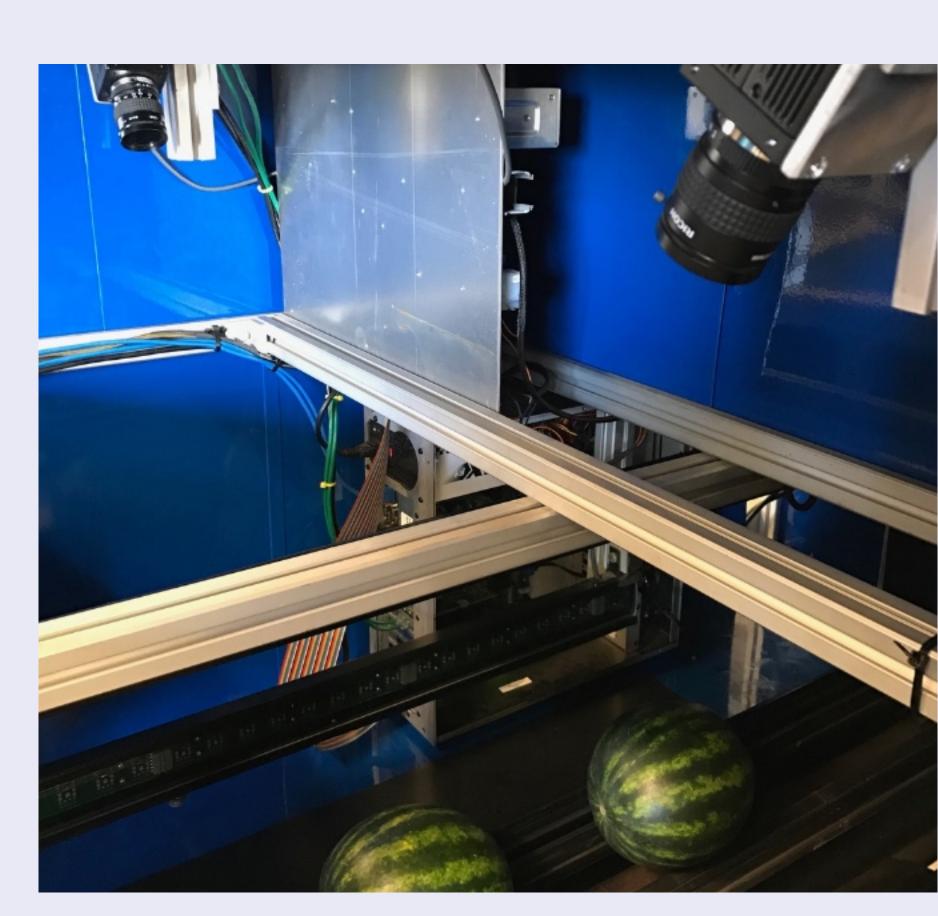**Tough enough for melons, gentle on your product**

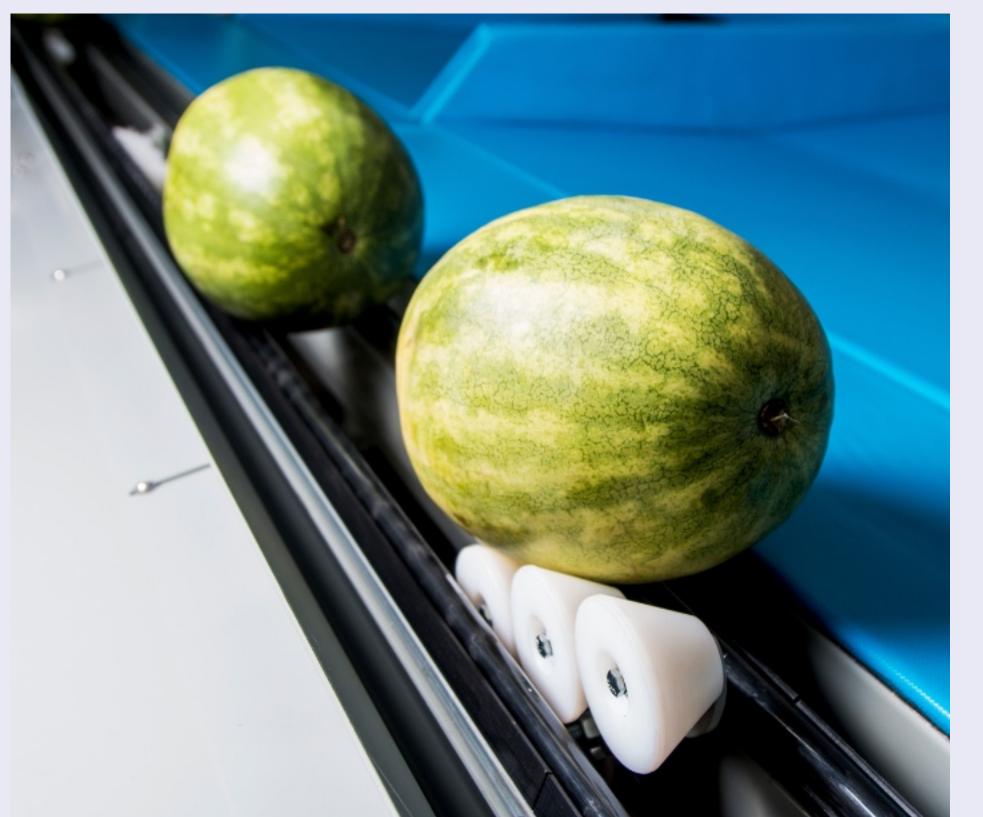Melons being oriented for delivery onto AccuVision XXL transport

V-belts create spacking between melons and provide gentle feed onto the carrier
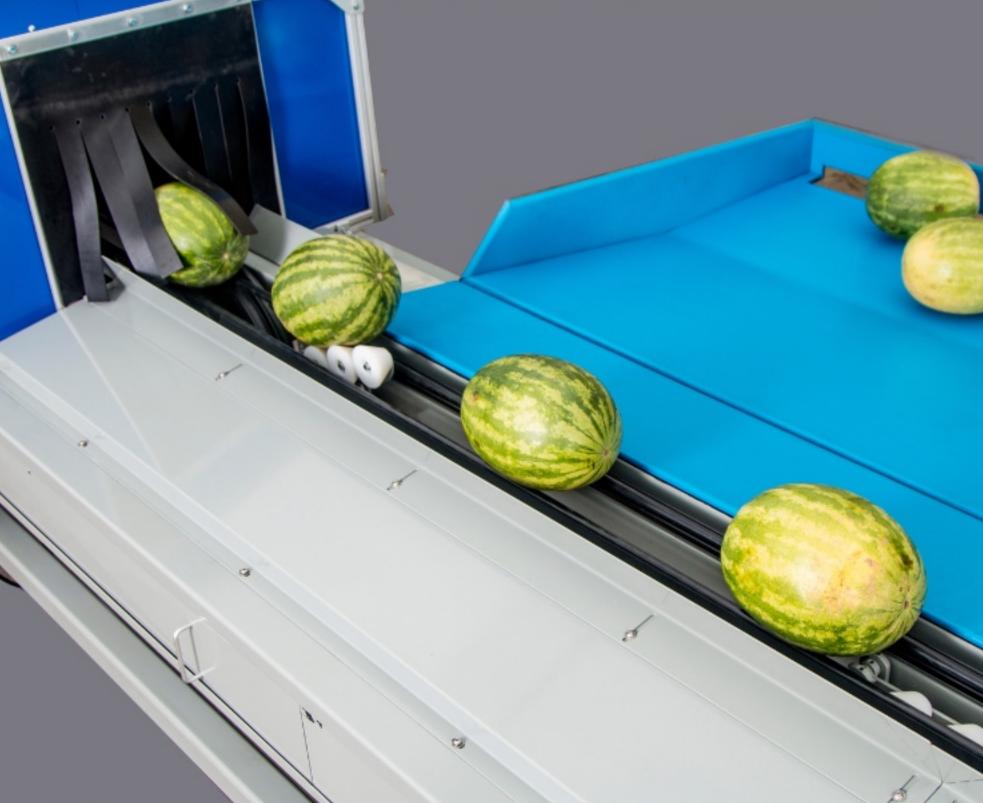

Wave belts position melons prior to inspection

AccuVision XXL's dual camera design views melons from opposing 45° angles

Pneumatic diverters designed to allow gentle delivery of melons to appropriate packing station

Melons are diverted off the carrier to 1/2 inch padded pack tables

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The AccuVision XL and XXL's both feature **ID Technolgy**– our exclusive AI-powered optical grading system. It's designed to increase plant throughput, reduce labor costs,a and improve product utilization.

High-quality imagery

The AccuVision XL and XXL's both use a dual-camera design to image melons from opposing 45° angles. These angled views provide excellent images that reveal the melon's dimensional size, calibrated weight, shape, external color and surface characteristics.

Highly accurate

High-definition, multi-spectral cameras take multiple images of each melon, in both color and infrared light. Exeter Engineering's proprietary, high-intensity LED lights provide ample illumination for the melons to be accurately analyzed by our ID Technology grading suite almost instantaneously.

Live images

From this screen, the user can grab pictures of any grade, defect or size. This allows the user to see the effects of any adjustments made before the changes are applied.

Size and pack table assignment

With the touch-screen interface, adjusting size and assigning the melon to the correct pack station has never been easier. The screen also displays the percentage of melons traveling to each station.

Color picker

Users have the ability to choose colors from the product for the purposes of detecting them as defects. The ID Technology system displays and lists all of the colors detected in the product and the user chooses the colors they want to detect.