

Taurys™

Advanced Laser Sorter

Features & Benefits

- High resolution color and structure
- Maximized sorting performance
- Broadest range of wavelengths to match application characteristics
- Re-engineered Chycane® chute for improved product control
- Easy to use GUI
- Small footprint
- Easy to grasp GUI
- No moving parts – Low maintenance
- Sanitary design compliant - Full stainless steel/IP65
- 100% digital FPGA technology
- Full remote service via Internet
- Fully modular, retrofittable and upgradeable

Handle Higher Incoming Defect Loads Enhancing Productivity

The Taurys™ Advance Laser Sorter can process higher volumes of data enabling faster, more accurate sort decisions combined with the patented Chycane® chute for quick and gentle product control. It allows an uncompromised combined sorting experience for detection and ejection of FM, EVM and defects, based on color and structure.

Faster Product Control Improves Quality

The Chycane® chute design stabilizes the product faster creating a consistent trajectory. This trajectory allows for precise inspection as well as gentle product handling.

Smallest Ejector Pitch Increases Yield

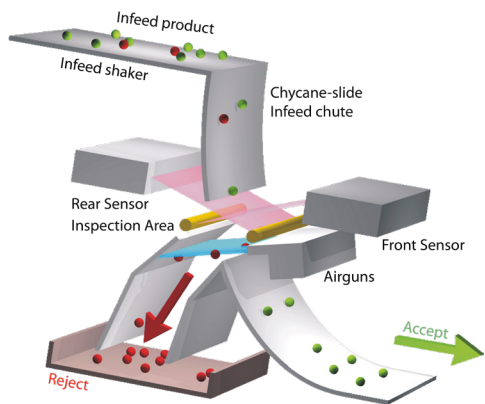
Faster data processing, short distance between inspection zone and ejection zone, higher number of ejectors in the same space enables Taurys™ to maximize ejection accuracy with increased defect and FM removal and reduced false rejects, resulting in improved yield.

100% Digital Lasers Improve Quality

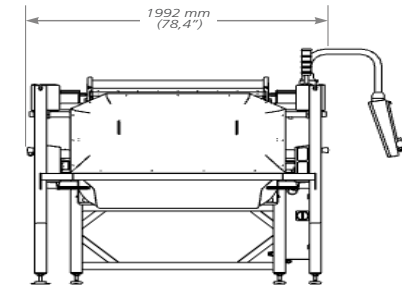
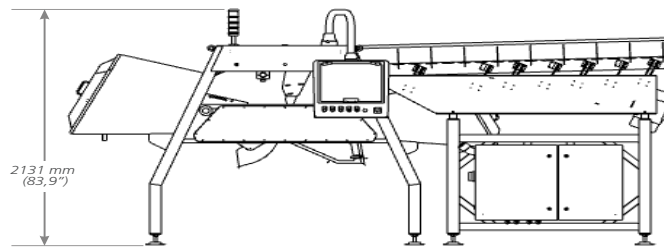
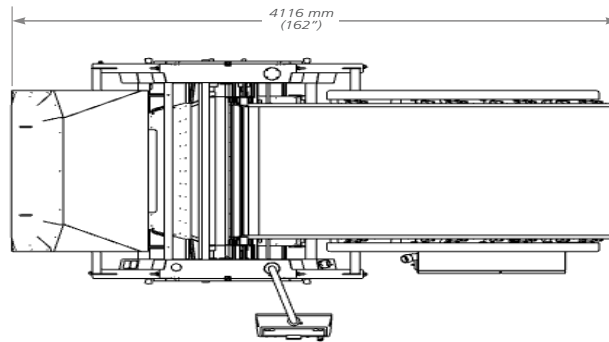
100% digital lasers feature higher resolution with the broadest range of wavelengths to meet product, defect and FM characteristics. Front and rear laser ensure full product visibility.



Taurys™ 1200



Patented Chycane® Chute working principle



Taurys™ 1200

Typical Applications

Nuts, dried fruit, frozen fruits, vegetables, fresh-cut, confections, coffee and snack foods.

Sorting Excellence

The Taurys™ Sorter provides a platform for sorting products with high incoming defect loads at high speed and achieving increased yields and higher quality with precise FM and EVM removal.

Results

Increased yields, enhanced productivity, improved product quality and safety.

Capacity

Up to 15 metric tons/hour*

*Depending on product and defect load