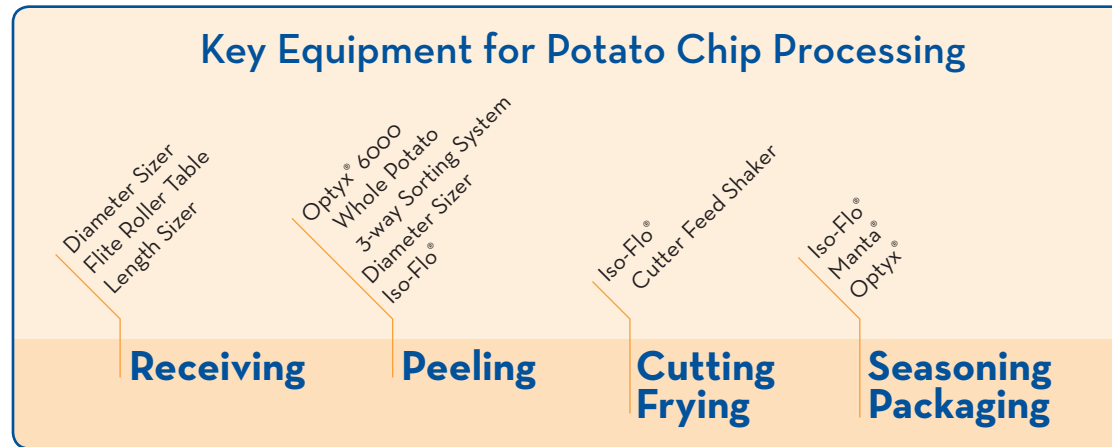


# Innovations for Potato Chip Processing

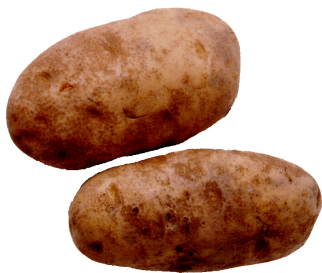
Moving you and the Industry Forward

## Key Equipment for Potato Chip Processing



For products such as potato chips, Key Technology provides innovations that enable potato processors to:

- Convey, feed, align, elevate, grade and distribute foods efficiently and safely
- Sort moving products by color, shape and size
- Remove defects and optimize length



Along with this industry focus, you can expect:

- Fast, informed response
- Custom, cost-effective solutions
- Optimized product quality/safety/yield
- Maximum productivity/minimum downtime
- Multilingual technical documentation
- Direct sales and local/regional service

Key Technology's state-of-the-art facilities feature computer integrated manufacturing (CIM), an expanded engineering center, and a fully equipped customer applications laboratory. In the end, however, we measure the value of our innovations by your bottom line success.

The potato industry is well acquainted with Key Technology's **Iso-Flo** vibratory conveying systems, which transmit vibration only into the conveyor bed, not into the frame or floor.

Automated inspection systems allow processors to improve quality and increase productivity. **Manta** and **Optyx** sort by color, size and shape at rates up to a million objects a minute.



**Key Technology**  
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# Key Technology Equipment for Potato Chip Processing

## Specialized Conveying and Process Systems

### Iso-Flo®

- Vibratory conveyors for alignment, dewatering/defatting, distribution, feeding, fines removal, glazing, grading and shock cooling
- Cutter Feed Shaker meters and distributes whole potatoes to cutting systems

### Diameter Sizer

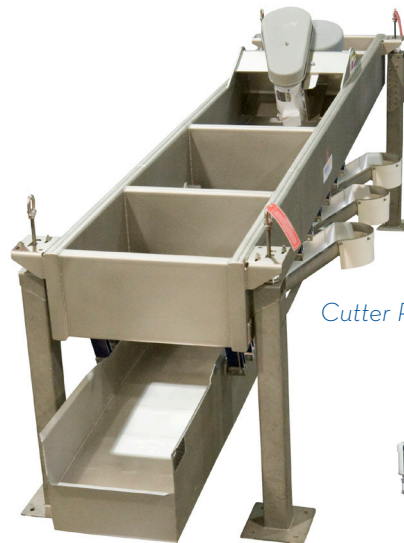
- Grades product by diameter
- Removes dirt, rocks, and other undesirable materials

### Flite Roller Table

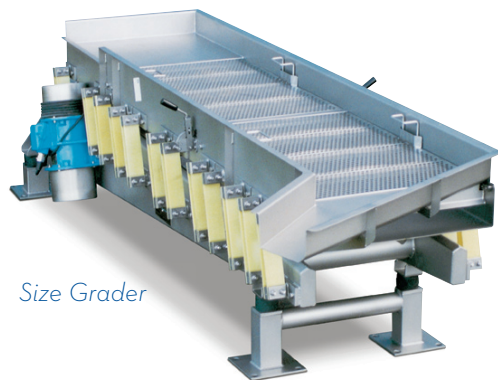
- Removes small product, dirt and debris, and vines
- Performs coarse-diameter grading
- Spreads product as it conveys



Flite Roller Table



Cutter Feed Shaker



Size Grader

## Automated Inspection Systems

### Optyx® 6000 Whole Potato 3-way Sorting System

- Separates foreign material and defective product from good whole potatoes at the raw incoming stage
- Protects cutters from damage

### Manta®

- Camera/laser inspection system
- High volume: 2m wide belt, up to 9000 kg per hour

### Optyx®

- Camera/laser inspection systems, on-belt viewing
- Optyx® 3000
  - Low volume: up to 2750 kg per hour
  - Small footprint
- Optyx® 6000
  - Medium volume: up to 5500 kg per hour



Manta®



Optyx® 3000



Optyx® 6000