

Advancing Together

### **INTEGRATED TECHNOLOGY SOLUTIONS**

For Food Processors

Sorting Processing **Excellence** Knowledge Conveying **Efficiency** 



# **Technology Leadership**

Our team of experienced research and development engineers is dedicated to creating innovative automated processing solutions for you. We strive to improve your operations, by advancing our technology through creative thinking.

### **Digital Sorting Technology**

The most highly advanced sorting and quality control technologies available today improve product quality and increase productivity.

Our expertise in product handling and sorting ensures the optimal system for your application.

### **A Long History of Innovation**

We have developed thousands of unique and innovative solutions for our customers and have more than 50 US and international patents.

### **Sorting Capabilities** Any Combination of **Sensor Fusion** Sensor or Light Source Chemical & Biological Hyperspectral Characteristics Color, Structure, **Multiple Sensors Advanced Shape** Color, Structure, **Digital Lasers** Shape Color, Shape **Digital Cameras Sorting Technology**

#### **Conveying Technology**

All of our Smart Shakers® are designed and built for your needs to deliver the highest performance and lowest life cycle cost.

### **Advancing Together**

We work closely with you to solve your daily processing challenges and long term objectives. Visit our state-of-the-art Innovations and Solutions Centers in the USA, Australia, China, Japan and Europe to see your product in action.





## **Conveying Efficiency**

Decades of engineering experience have made Key Technology the global reference in vibratory conveying. Our Smart Shaker® intelligence and reliability is built into every system.

### **Easy Cleaning and Low Maintenance**

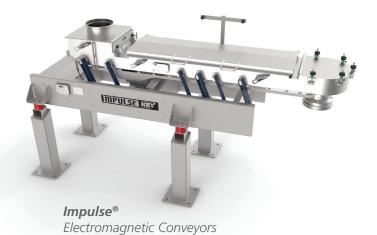
Strict design standards and attention to detail assure Smart Shakers are easy to clean and meet sanitation standards including USDA, FDA and HACCP.

#### **Low Total Cost of Ownership**

Key's patented drive technologies combined with StrongArm<sup>™</sup>, make our Smart Shakers the lowest maintenance and highest productivity.

### **High Value**

We build our applications expertise into every machine improving the operation of the entire factory.





**Advancing Together** 

Iso-Flo® Multi-functional Vibratory Conveyors

### **Use a Smart Shaker to:**

- Grade
- Align
- Distribute
- Size
- Convey
- Scalp
- Feed
- Transfer
- Dewater
- Wash...
- Meter
- and more

Standard and custom engineered conveyors

Low operational cost

- Precise, energy-efficient conveying
- **Gentle product handling**
- **Seamless integration with Key sorters**
- Convey up to 30 meters on a single unit

Over 30,000 conveyors installed globally

## **Processing Knowledge**

Key Technology is a global leader in the design and manufacturing of digital sorters, conveyors and processing equipment. Our industry experience, process knowledge and application expertise make for robust capabilities to help food processors improve quality, increase yield and reduce cost.

### **Value-Added Engineered Solutions**

Processors worldwide depend on Key's unmatched applications expertise and process knowledge to provide solutions to their challenges.

#### **Extensive Product Portfolio**

Advanced mechanical sizing and grading systems complement our sorting and conveying systems to further optimize the processing line.

### **Integrated Solutions**

Our process applications expertise applied through our complete product portfolio creates industryleading solutions that optimize yield, quality and productivity from a single source.

#### **Creating Powerful Alliances**

We partner with food processing companies of all sizes by offering an integrated product portfolio to meet their needs.







- Innovative products provide data, information and knowledge
- More than 70 years of experience in food processing
- Advancing together with our customers as partners
- Best-of-breed technology and turnkey solutions

# **Sorting Excellence**

Processors around the world depend on Key Technology for sorting excellence. Our experience in product handling, imaging, sorting intelligence and precise ejection ensures your products are of the highest quality.

### **Uncompromised Sorting Experience**

Increased yields, improved quality and enhanced productivity with the easiest to operate, most effective sorters on the market. Customized to your specific material handling and sorting requirements.

### **Optimized Product Handling**

Our broad range of sorters ensures the right system is specified for gentle product handling, optimized product control and the highest sorting efficiency.

### **Powerful Technologies**

Advanced software solutions allow you to monitor your sorter and product quality through web-based diagnostics and advanced controls.

### **Application-Specific Sorting Solutions:**

- Potatoes (strips / crisps / chips)
- Fresh-cut
- Processed fruits and vegetables
- Snacks
- Nuts
- Dried fruit...and more





- Sanitary design, low maintenance & easy to use
- Multiple sorter configurations for different products
- Color, shape, size, texture & biochemical sorting
- Capacities up to 20+ metric tons per hour

- On-belt, in-air and chute-fed sorters
- FM removal with multiple sensors
- Optional three-way sorting
- HID, UV and LED lighting

# Key Technology is the leader in developing technology solutions to sort, convey and process food.



Australia / Belgium / Mexico / The Netherlands / United States

Helping food processors all over the world increase yield, improve quality and optimize productivity, Key Technology builds more than equipment... delivering world-class integrated processing solutions.

www.key.net product.info@key.net Key Technology is at customers' plants, building on over 70 years of engineering expertise and application knowledge so its customers can be more profitable and consumers have safe quality products.



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