

SORTING EXCELLENCE • PROCESSING KNOWLEDGE • CONVEYING EFFICIENCY



A DURAVANT COMPANY



VERYX



Cutting-Edge Technology Driven by Human Ingenuity.

Key Technology is a global leader in the design and manufacture of automation systems including digital sorters, conveyors and other processing equipment. Applying processing knowledge and application expertise, Key helps customers in the food processing and other industries 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 unique solutions to their challenges.

Extensive Product Portfolio

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

Custom Integration

Unlike other suppliers in the market, Key Technology offers sorting, conveying and other processing equipment – meaning you benefit from a seamlessly integrated customized solution from ONE source.

Creating Powerful Alliances

At Key, we are dedicated to creating genuine, long-lasting relationships with our customers. We listen carefully to understand your challenges and through continuous collaboration deliver solutions that create real impact and ROI for your business.

We serve dozens of industries including fruit, vegetable, nuts, potato, snacks, and more. Key Technology is a Duravant Company.

Sorting Excellence. Processing Knowledge. Conveying Efficiency.



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INNOVATION AND SOLUTION CENTERS



Worldwide Testing and Demonstration Centers

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You really have to be here. We invite you to test-drive the latest, most innovative solutions from the world leader in process automation technology - see them in action, running to your specifications and with your product.

A visit to one of our Key Technology Innovations and Solutions Centers strategically located across the globe will give you the opportunity to talk with our processing experts and learn about the equipment solutions best suited to your processing line.



Designed with the Customer in Mind

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Our state-of-the-art facilities are designed to create a superior customer experience while effectively demonstrating and testing Key's sorting, conveying, and processing solutions to food processors, both in-person and remote via a live video interface.

The technology or application you're considering will be demonstrated and tested based on your exact requirements, with your product, and if necessary we'll even add non-Key equipment to better simulate your working production lines.



CONVEYING SOLUTIONS



Decades of engineering experience combined with continued R&D has made Key Technology the global reference in vibratory conveying. Key's engineers apply advanced design principles and a wealth of experience to meet and sanitation standards to minimize lifecycle cost and maximize food safety.

Feed Conveyors

Feed conveyors optimally present your product to the next piece of processing equipment to maximize yield and improve performance of the downstream equipment.

Key's decades of experience and modeling provide the highest level of performance and fit specifically designed for your product and the mating equipment.



Grading, Sizing and Separating Conveyors

Grading, sizing and separating are essential functions in your processing line. Key's industry-proven conveyors are built with our reliable Vector-Lock™ clamping system that securely holds screens, yet allows for quick removal for cleaning and changeover.

Screens are available in a variety of styles to align, singulate, dewater, length grade, width grade, scalp, move product up an incline or even perform several functions in a single operation.



Exceptional Durability & Reliability



Widest Range of Drive Technologies



Precision Feeding Optimizes Line Performance

Designed for Reliability.

Distribution Conveyors

Food processing often requires the product flow to be separated into multiple streams for efficient processing. Distribution conveyors control product flow to downstream equipment using gates and diverters to meter the product by the optimal amount.



Transfer Conveyors

Processing and packaging often require conveyors to elevate, decline, or transport product. As part of Key's integrated solutions, we build transfer conveyors specifically designed for your industry.



Collection Conveyors

Collection Conveyors gently collect product from other processing machines to minimize damage and converge product flow.



We design and build conveyors for your application. Washing, drying, cooling, spreading, aligning and elevating are just some of the other functions our collection conveyors can perform while preparing your product for the next step in the process.



Lowest Total Cost of Ownership



Unmatched Design and Engineering Experience



Hygienic Surface Finishes Resist Bacterial Growth



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SORTING SOLUTIONS



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



Increased yields, improved quality and enhanced productivity are the result of Key's technical expertise and years of experience solving sorting challenges. Key sorting systems provide superior results, as they detect and remove defects and foreign material (FM) based on color, structure, shape, size or biochemical characteristic differences in a single sorting pass.

Uncompromised Sorting Experience

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.



Pixel Fusion™ for Advanced FM and Defect Detection



Information Analytics for Improved Process Control



Sustained Total Product Surface Inspection

VERYX[®] Digital Sorting Platform.

VERYX[®] transforms digital sorting with a modular platform of chute-fed and belt-fed sorters to meet your unique and specific needs.

Belt-Fed

The Belt-Fed VERYX is the first sorter to deliver total product inspection that is sustained throughout the production cycle. Smart features such as auto-learning, self-adjustment algorithms, predictive system diagnostics, smart alarms, FMAAlert™ and Sort-to-Grade™ enable VERYX to operate virtually unattended during normal production. VERYX can be configured for two-way or three-way sorting.



Chute-Fed

With a highly innovative mechanical architecture, multi-sensor Pixel Fusion™, the highest resolution cameras and laser sensors available on a digital sorter and the most precise ejection system on the market, VERYX maximizes foreign material (FM) and defect detection and removal while virtually eliminating false rejects, improving yield and ensuring quality.



Minimal Operator Intervention



Most Accurate Ejection Technology for Maximum Yields



Maintains Performance at High Defect Loads

KEY
TECHNOLOGY
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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

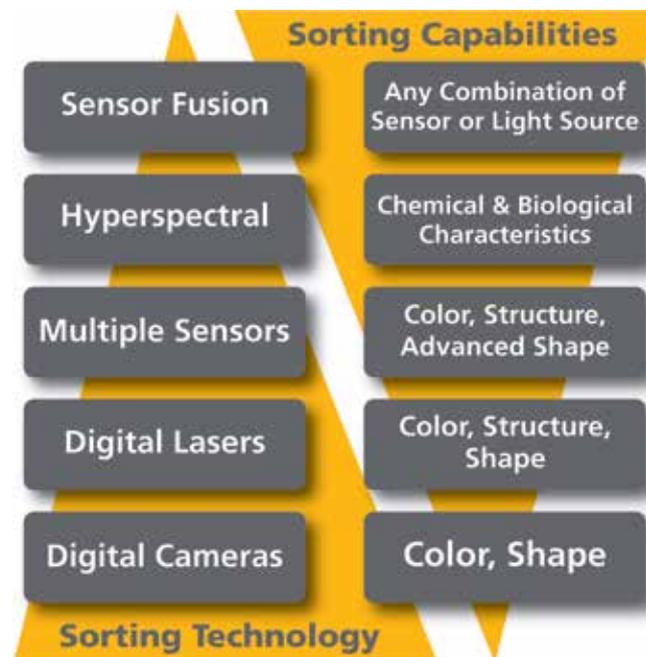
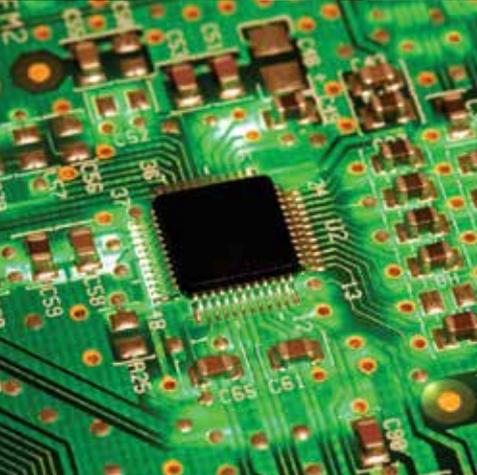
We have developed thousands of unique and innovative solutions for our customers and have more than 50 US and international patents.

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.



SUPPORTPRO GLOBAL PARTS & SERVICE

Promise. Partnership. Performance.

Your Key Technology sorters, shakers and processing systems are major investments that demand safeguarding.

Through technical support, parts and upgrades, training, remote sorter monitoring and diagnostics, service plans and more, our SupportPro Parts & Service team helps you protect your processes and maximize the revenue they generate – wherever you are in the world.

Technical Support – Global support including installation, start-up, training, preventative maintenance programs and emergency assistance, 24 hours a day, 7 days a week.

Parts Sales – You can rely on our parts sales team to get you the part you need quickly to minimize downtime.

Remote Monitoring – RemoteMD® proactively monitors your sorter's condition in real-time improving productivity, increasing uptime, and enhancing maintenance efficiency.

Protection Plans – Four levels of support and maintenance plans to keep your plant up and running at maximum efficiency.

Upgrades – Always at work on process enhancement, we've made it convenient to extend the life of your equipment with modular, state-of-the-art upgrades. Upgrades lead to enhanced machine performance and longevity.

Training – We offer online and instructor-led training for our products, HACCP, occupational safety and health, and Human Resources compliance.

SUPPORTPRO

A DURAVANT SERVICE



A DURAVANT COMPANY

www.key.net
product.info@key.net



KEY TECHNOLOGY IS A MEMBER OF THE **DURAVANT** FAMILY OF COMPANIES

PACKAGING SOLUTIONS | PROCESSING SOLUTIONS | MATERIAL HANDLING SOLUTIONS | SUPPORTPRO

www.duravant.com