

# Innovations for Tobacco Processors

The tobacco industry is more competitive and quality conscious than ever before. To be profitable, the tobacco processor needs equipment that ensures **pure, high-quality product**, efficiently and cost effectively.

Key optical sorters, conveyors, and process systems are economical to install, energy efficient, reliable, low-maintenance, and simple to adjust and control – including network connectivity capabilities for remote monitoring and communication. And our quality is CE and ISO 9001 certified! For over 50 years, we have helped processors around the world do their job **profitably and reliably**.



Optyx 3000

## Defect Removal

Key's full-spectrum optical sorters measurably improve sorting performance over laser tobacco sorters. They **reliably detect foreign materials, as well as subtle product defects**. They are more compact and more economical to maintain.

Operation is simple, and sorting criteria are easy to adjust, store, and retrieve, so sorting is stable and objective.



Tobacco Sorter 3 System

- **Optyx® 3000** offers a compact solution for smaller capacity lines and re-sort operations. At just a meter wide, it slips easily into existing layouts for less than 1000 kg/hr.
- **Tobacco Sorter™ 3** delivers superb color resolution – over 2 million colors – and high capacity, with no measurable product degradation. The largest model, the System 720, sorts 9 metric tons per hour. The TS3 features air-assisted sorting perfected for the tobacco industry.
- Offered for some special customer applications, **Tegra®** offers subtle defect detection, with color, limited shape and size, and defect-location recognition capabilities.

Key Technology

150 Avery Street • Walla Walla, WA 99362 • USA

Phone: 509.529.2161 • Fax: 509.527.1331 • [product.info@key.net](mailto:product.info@key.net) • [www.key.net](http://www.key.net)



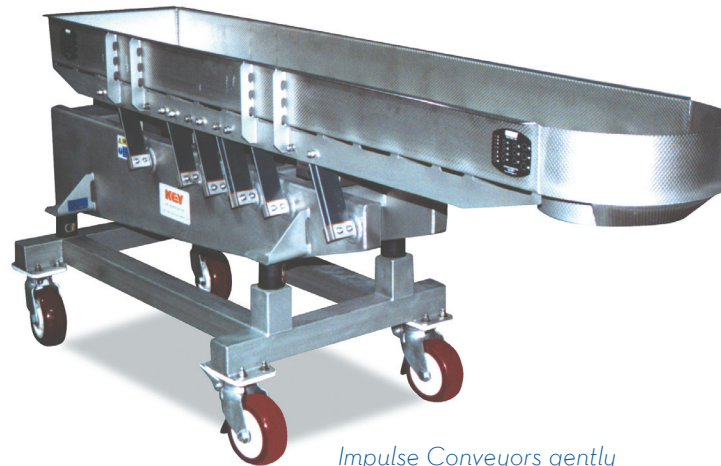
## Material Handling

With material-handling solutions from Key, you will **deliver the quality you promise - efficiently and cost effectively**. We can help you with lamina separation, fines removal/infeed, pad removal, sieve sizing, dryer feed, inclining/declining, collection, transfer, and distribution of product.

- **Iso-Flo®**: With over 20,000 units worldwide, Iso-Flo is the standard for durable, cost-effective vibratory conveying. Compact and free of transmitted vibration, Iso-Flo is simple and cost-efficient to install. Even at high conveying speeds and greater bed depths, Iso-Flo is quieter than competing conveyors, improving your working environment. It's also versatile, accomplishing several operations, such as inclining/declining, scalping, and fines or dust removal, as you convey.
- **The SmartArm™** option prevents downtime and reduces labor by wirelessly monitoring Iso-Flo performance. The system measures and reports speed and stroke to provide real-time analysis of shaker function.
- **Marathon™**: Conveys your product up to 30 meters on a single vibratory unit.
- **Impulse™**: Electromagnetic conveying for instantaneous, precise control for product mixing, scale feeding, etc.
- **Enclosed transfer chutes**: Transfer product **dust-free** to threshing plants or belt conveyors.
- **Belt Conveyors**: Simple, reliable operation, with sanitary, durable materials - fabric, mesh, or plastic.
- **Forté™ Modular Control System**: Key's award-winning Forté option simplifies and integrates control.



*Iso-Flo is ideal for many tobacco applications*



*Impulse Conveyors gently convey tobacco in simple conveying applications or special feeding applications*

## Complete Service and Support

*Key is proud of our reputation for quality service, and we are committed to serving you quickly and expertly.*

- Convenient, regionally based service - fast, economical service calls 24 hours a day, 7 days a week
- Cross-trained field service engineers - one source for your primary service needs
- Materials handling service specialists available as necessary
- Parts - in stock, immediately available
- Training - operation and maintenance
- Systems engineering - preplanning, to get the most out of every dollar
- Complete applications testing - prove Key's performance on your tobacco!

## A Good Day's Work - Every Day

Key Technology has over a half century of expertise in systems and service for processors of agricultural products. Let us put that knowledge to work for you - and enjoy the sense of accomplishment when you are producing your best - profitably!