

# Optyx<sup>®</sup> Sorter for Tobacco

Optyx brings an economical alternative to automated optical inspection in tobacco recovery or lamina and stem inspection for removal of foreign material. Advantages begin with the smaller price tag, smaller footprint – and extraordinarily quicker payback time. Maximum yields and profits start with the compact Optyx (1 meter wide) when used to recover good tobacco from reject streams. And labor costs are minimal.



## The Industry's Newest, Most Advanced Inspection Technology

- New cameras, image processing, and ejector controller modules use CameraLink™ and Firewire® connectivity, offering the best performance and upgrade path in the industry, with simplified wiring for easy module replacement
- Advanced image processing modules enable superior sorting for size, shape, gauging, and small defect detection
- Powerful graphical user interface simplifies operation and allows easy remote operation
- Linux-based, full color SVGA display
- Built in self-awareness with system-level diagnostics
- State-of-the-art technology assures the best long-term return on investment by enabling future enhancements, changes, addition of new sensing technologies, and simplified maintenance

## Optyx<sup>®</sup>



### Upfront economy. Rapid payback

The Optyx price tag is just the start of your savings. Look for fast return on investment from eliminating hand labor and recovering usable rejects from other sorter lines. Optyx is also ideal for inspecting and removing foreign material from smaller-capacity line flows of stem and lamina (<1000 kg/hr).

### More usable floor space

Compact Optyx is unprecedented in its narrow profile. At just a meter wide, it slips easily into existing layouts.

### Superlative sorting performance

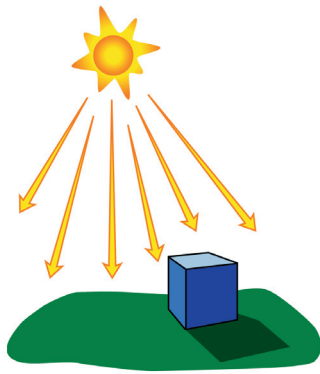
Optyx is configured for lower-volume requirements such as tobacco recovery. Camera options include full color, Vis/IR, and monochromatic.

**Key Technology**

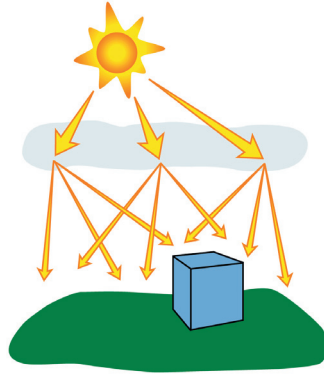
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Direct Lighting



"Cloudy Day" Illumination

## Brilliant color recognition

Powerful high intensity discharge (HID) lamps flood the inspection zone with light, while diffused "cloudy day" illumination minimizes shadows. You get maximum vision and precision sorts.

## Simple set-up. Simple sanitation

Optyx is self-contained, with no ancillary modules – just connect power/water/air... and sort. Optyx is extraordinarily sanitary: all surfaces are designed for easy access and cleaning. And the smooth "faceted" design has no horizontal surfaces to collect debris.

## High-performance belt.

Optyx ensures consistent tracking, and avoids costly belt adjustment downtime and wear on bearings, with air tensioning.

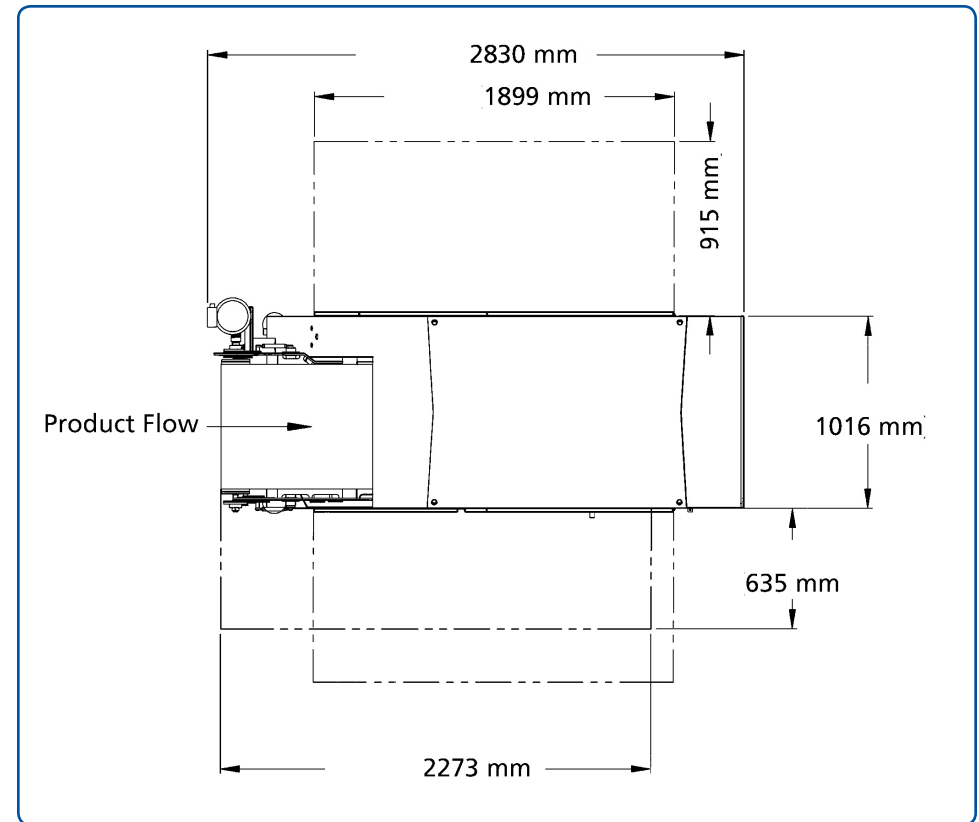
## Easy changeover

Unique cantilevered design allows open access to the belt – just flip the quick-release mechanism and slip the belt on and off for fast changeovers.

## Minimized downtime

Key's 50-plus years of serving customers stand behind every Optyx. UpTime™ customized service packages and Uptime Connection®'s fast, on-line remote access ensure performance and longevity.

*Picture Optyx in your plant. For an in-depth view of Optyx, contact your Key Technology representative at 1-509-529-2161 or log-on to [www.key.net](http://www.key.net).*



## Typical Utility Requirements:\*

- Electrical: 200-240 VAC, 1 Ø, 50/60 Hz, 40 A max
- Air: 0.5-2 m<sup>3</sup>/min @ 7 BAR
- Water: 1-2 l/min @ 3.5 BAR, Peak 8 l/min

\* Actual requirements may vary with application