



EyeConic



More power to you.

Customer satisfaction from ear to ear.

How it works:

Introducing the **EyeConic** – the ultimate solution for precision sorting in seed corn operations. This advanced optical sorter leverages state-of-the-art technology to efficiently separate husked from unhusked ears of corn with unmatched accuracy. Equipped with a high-performance digital vision system, the **EyeConic** meticulously inspects each ear as it moves through the unit, ensuring only the best-quality corn moves forward. When the **EyeConic** detects an ear with remaining husk, it activates a flipper that gently diverts the ear to a recycle conveyor, sending it back to the husker for reprocessing. Ears that pass the inspection are seamlessly directed down the chute, minimizing disturbance and maintaining perfect kernel attachment. Plus, with the ability to route selected ears to a third direction, the EyeConic can easily accommodate a future three-way product separation system.

Whether you're retrofitting your existing seed corn operation or starting fresh, the **EyeConic** offers an easy and hassle-free integration. For new installations, it comes as a complete package, including the sorter, collection/aligning shaker, and acceleration belt – everything you need for a smooth, efficient operation.

Technical Information:

Electrical:

- 120/240V VAC, Single Phase, 50/60 Hz
- 15 amps @ 110 VAC
- 7.5 amps @ 220 VAC

Air:

- 5 scfm @45 psi for flipper regulator

Optional Shaker Includes:

- 4X 1/3 hp 230/460V Vibratory Shaker Motors
- 2X 1/2 hp 230/460V Acceleration Belt Motors

- A dual 10-lane sorter with a 3-way flipper system, designed to separate husked from unhusked ears of corn, with a future capability for rogue ear sorting
- Four (4) digital cameras with LED lighting to provide optimal clarity
- 19 1/2" touchscreen HMI mounted on pivot arm
- Capability to sort via color or texture
- The NEMA 4 enclosure, which includes a TOSI box for Wi-Fi remote access, enabling data collection, remote monitoring, and programming, along with many other advanced features!

Get in touch:

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Features and Benefits:

MAXIMUM CAPACITY

Designed to follow one (1) 16-lane husker for high output sorting.

MINIMIZE MAINTENANCE

Designed to stay up and running with ease.

VISUAL EFFICIENCY

Built-in camera system allows efficient sorting based on processing specs.

CONTROL AT YOUR FINGERTIPS

Windows-based Touchscreen Operator Interface is simple to set up and control.

RECYCLE AUTOMATICALLY

Gentle UHMW Flippers redirect unhusked ears onto cross conveyors to recycle back to huskers.

