



WE CRAFT ASSURANCE



APPLICATION BRIEF

# Grading and Foreign Object Detection for Potatoes

Reduce Labor Costs & Ensure Quality

## HOW IT WORKS

A roller table carries potatoes beneath the SiftAI® vision system, giving the cameras a 360 view of each potato. When the system finds any defects or foreign objects, SiftAI quickly and precisely removes them from the product stream using our custom rejection equipment, minimizing good product waste. Our custom rejection equipment is capable of separating the rejects into different streams: defective potatoes from FM.

This modern system efficiently handles large quantities of potatoes, boosting your facility's productivity. It establishes a new industry benchmark for accuracy and quality by efficiently detecting and removing defects and foreign materials.



## Compact System

SiftAI integrates easily.  
Simply install it above your existing lines.

*Improve The Quality and Consistency of the Potatoes You Process with SiftAI*

### ENHANCE YOUR LINES

In addition to detecting abnormalities, our SiftAI software also gathers operational analytics, including throughput metrics and defect indexes. This enables you to monitor the efficiency of your lines and the quality of your lot yields.

Our SiftAI software is regularly maintained by a team of engineers in order to ensure a consistently high-performing system.

### DEFECTS DETECTED

- Misshapen
- Green
- Growth crack
- Mud
- New bruise
- Old bruise
- Pressure bruise
- Rhizoct
- Rot
- Sprouts
- Frozen, and more

### FOREIGN OBJECTS DETECTED

- Golf balls
- Walnuts
- Wood
- Sticks
- Bones
- Plastic, and more.

