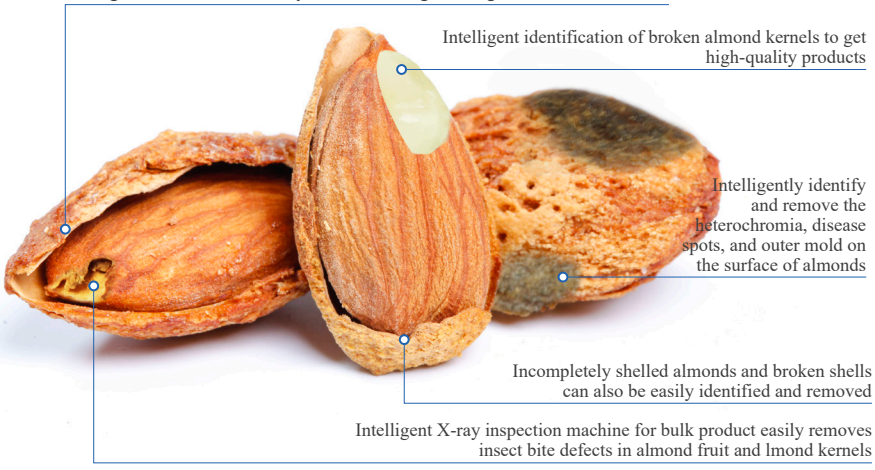
MAKE LIFE SECURE AND QUALITY

TCS+TXR SERIES
ALMOND INDUSTRY SOLUTION

For the almond industry, defective products such as insect bites, double kernels, shriveled, wrinkled, half kernel, damaged almond, metal, glass, plastic, mud and stones together with the foreign objects pose significant impact on the quality of almond. Techik has launched an unmanned production line solution, providing intelligent chute color sorter, intelligent visual belt sorter, intelligent X-ray inspection system for bulk products, etc for customers to choose from, which can replace manual sorting of almonds and almonds kernels and improve the quality of finished products and reduce losses.

Supercomputing Intelligent Algorithm

- Through self-developed technologies, complex models and intelligent algorithms that can solve multiple problems of almonds are proposed.
- Simulate the recognition mechanism of human eyes, which can replace the complicated sorting of almonds fruit and kernels manually.
- In-depth study of the color, shape, texture and other characteristics of almond fruit and almond kernels to solve the problems of impurities, different colors, abnormal shapes, and appearance.
- Help achieve greater output, lower loss, and higher efficiency.



Intelligence | No corner | High sorting rate | Auto recognition

> ALMONDS SOLUTIONS

Disease spot

Insect bite

Half almond

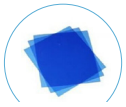
Mildew

Broken

Empty shell

Metal

Stone


Thin plastic

Insect

Rat droppings

Ceramics

PET

Thread

Desiccant

Stick

Thin glass

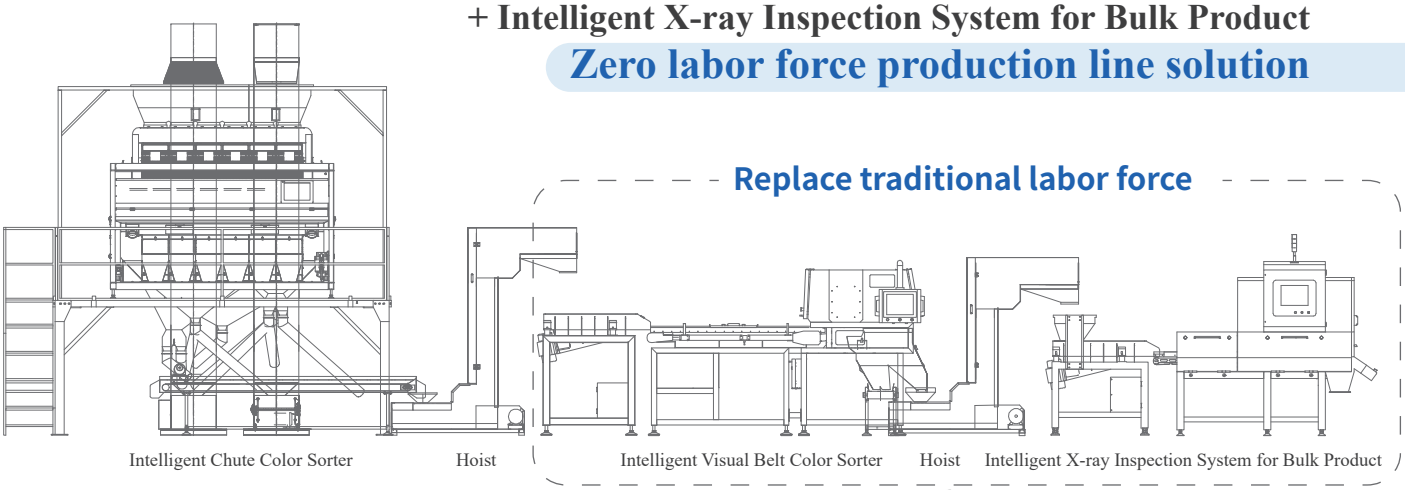
Band

Cigarette butt

Button

Intelligent Chute Color Sorter + Intelligent Visual Belt Color Sorter + Intelligent X-ray Inspection System for Bulk Product

Zero labor force production line solution



Intelligent Chute Color Sorter
Sorting by color and shape

Intelligent Visual Belt Color Sorter
Impurity sorting, High quality sorting

Intelligent X-ray Inspection Systemfor Bulk Product
Impurity sorting, Unqualified products sorting

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