

Sensor-based Optical Sorter

Fresh/Frozen Fruit and Vegetables Sorting



AI Deep Learning
Technology

Double-belt Mode



HDF4

Single-belt Mode

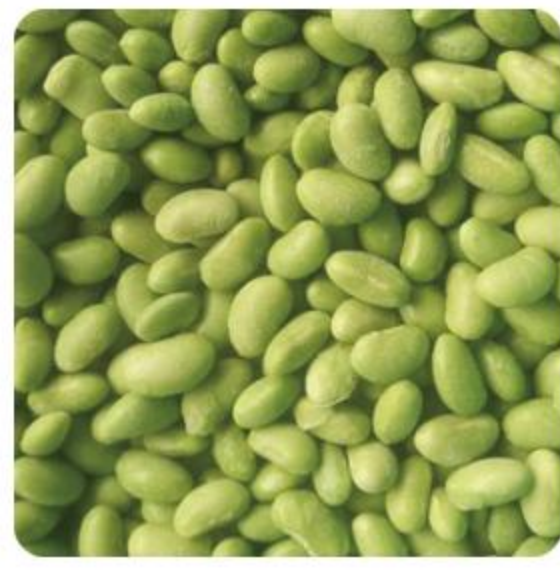


HWF3

Applications



soybean in pod



soybean



corn kernel



green pea



cut green bean



carrot



chopped broccoli



green pea in pod



garlic



potato chip



raspberry



cranberry



blackberry



blueberry

Features

- ◆ Designed to sort the fresh or frozen fruit and vegetables in the wet working conditions. Up to IP66 design of flushable machine body and field-proven humidity control system with higher protection against dust and water.
- ◆ 15-inch touch screen panel and intuitive HMI for easy and simple operation.
- ◆ Advanced Full Color Camera Inspection System together with superior AI Deep Learning algorithm, 4-in-1 detection by color, size, shape and texture, with greatly improved rejection precision and loss of good products.
- ◆ Long-life and high-speed ejectors designed and produced in-house, ensuring the performance, the serviceability and the sustainability.
- ◆ Simple mechanical design in totally 304 stainless steel, with higher standard of food hygiene and easier access for cleaning and maintenance.
- ◆ Available in different belt widths for both single-belt mode and double-belt mode.

Specifications

Series	Legende	
Model	HWF3	HDF4
Belt Width(mm)	1200	1200
Ejectors	240	512
Air Pressure(Mpa)	0.6-0.8	0.6-0.8
Air Consumption(m ³ /min)	<3.6	<4.1
Voltage (V/Hz)	220/50	380/50
Power (kw)	7.2	8.1
Dimension(L*W*H/mm)	4500×2030×2360	4825×2210×2685
Unpacked Weight (kg)	1350	2165



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