



General specifications

PHYSICAL SPECIFICATIONS

Power	2.5kw
Weight	1600kg
Air Consumption	1.5-2 m ³ /min

600mm width conveying band

Belt Speed 180m/min

126 pcs serviceable ejectors/valves

4 sets of 5400 Pixels High Resolution CCD.

American XILINX FPGA

Processor 80.000 hours lifetime LED

All the parts that in contact with raw are made of stainless steel (SUS304).

Heavy load vibratory feeder ensures a continuous and even feeding

Combining shape, size and color sorting technology

Image capturing technology, AI Algorithm

Detect and remove contaminants visible to the camera such as plastic strings, plastic fragments, threads, gravel, stones, rubber, rotten wood, metal... as well as defects like black spots, bruises, mold, and remaining shells attached to the product



Product highlights

The MatriXcope MTC-OS700XPRO-AI Conveyor Color Sorter is an advanced inspection system designed to automatically detect and remove defective or contaminated products based on color differences. Equipped with high-resolution cameras and AI-powered image processing technology, it delivers highly accurate sorting for a wide range of materials such as food, agricultural products, and industrial items. The system enhances product quality, reduces manual labor, and significantly improves overall production efficiency.

MATRIXCOPE MTC-OS700XPRO-AI CONVEYOR SORTER APPLICATION



Frozen Vegetables



Nuts



Herb & Spices



Beans



Frozen Fruits



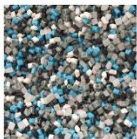
Peeled Garlics



Peanuts



Dry Peas



Plastics



Mineral Granules



Seafood



Whole Walnuts

