

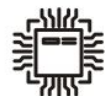
GENIUS *PRO*⁺



OPTIMUM RESULTS
Optimized structural design
& Carter U.S Technology



MULTI CHROMATIC VISION
Vision Similar to human eye
can detect all defects



GENIUS SORTING PERFORMANCE
Altera U.S core technology
Promote a new world of sorting

DYNAMIC TECHNOLOGY SUPERIOR SORTING

Product Technical Features

Camera



Multi Chromatic Camera

Toshiba JAPAN Camera similar to 8K ULTRA HD camera provides high resolution 360 panoramic view. Featuring automated real time correction technology, low noise. the camera system also ensures that any distortion also auto corrected. Nano technology to detect the grains with even smallest impurity upto 0.002 mm.

Ejector Valve



Bullet Ejectors

Imported high speed ejectors response switching time 0.4ms . Long service life of 20 billion cycle. High frequency 1800hz. Low power consumption 3w. valve & coil temperature rises 5 degree C MAX. realizes a longer life & required almost no maintenance.

LED Lights



Ultra clear LED Lightning system

Highly illuminated & variable Philips LED Lightning system Scientifically designed to detect almost similar color defects.

Highly Sensitive touch panel



GIU Panel

Remote control by WiFi. One Key Intelligent Automatic operation, Quick response can automatically Adjust all parameter.

Ejector operating PCB



Enhanced Low Wattage Components

Ejector PCB Specially design to High Speed Ejector for Better performances & Breakdown free running .

Genius Speed Processor



Altera INTEL U. S. A PROCESSOR

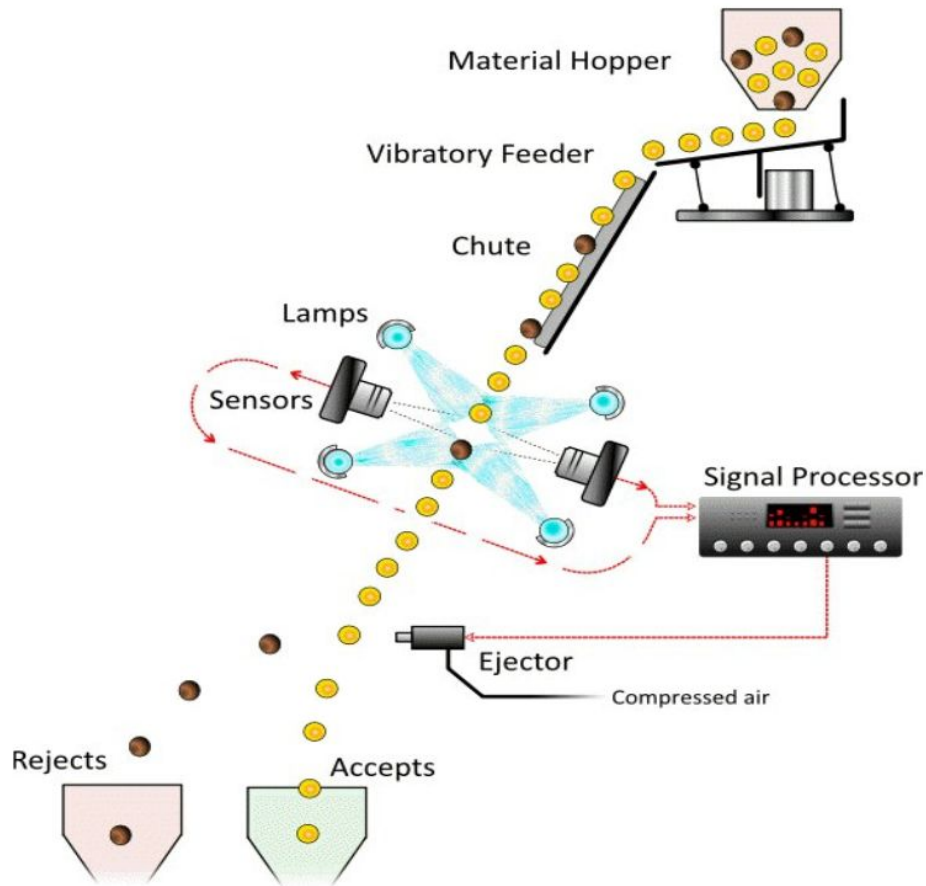
Altera USA processor dedicated for powerful sorting algorithm, high speed processing speed >3.125GBPS. Data Transmission speed >550mhz. which improves the consistency of signals , stability & reliability of system to ensure top sorting effects.

Extra wide Chute



Highest ever UNIQUE capacity

Available with upto 12 chutes equipped with electromagnetic feeding system.



PRODUCT PARAMETERS

Model	Throughput (T/H)	Carryover Ratio (bad : good)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
GE-PRO ⁺ 1	1-1.5	30 : 1	>99.99%	220/50	1	380	850×1671×2208
GE-PRO ⁺ 2	1-2	30 : 1	>99.99%	220/50	1.5	640	1240×1671×2208
GE-PRO ⁺ 3	2-3	30 : 1	>99.99%	220/50	2	840	1555×1671×2208
GE-PRO ⁺ 4	3-4	30 : 1	>99.99%	220/50	3	1140	1870×1671×2208
GE-PRO ⁺ 5	4-5	50 : 1	>99.99%	220/50	3.5	1320	2185×1671×2208
GE-PRO ⁺ 6	5-6	50 : 1	>99.99%	220/50	4	1530	2500×1671×2208
GE-PRO ⁺ 7	6-7	50 : 1	>99.99%	220/50	5	1730	2815×1671×2208
GE-PRO ⁺ 8	7-8	50 : 1	>99.99%	220/50	6	1900	3130×1671×2208
GE-PRO ⁺ 10	9-10	50 : 1	>99.99%	220/50	7	2230	3760×1671×2208
GE-PRO ⁺ 12	11-13	70 : 1	>99.99%	220/50	9	2620	4390×1671×2208

CARTER UNIQUE SORTER is a global phenomenon in optical sorting. Its sorting accuracy gives the best yield and efficiency of any optical sorting system and even at the highest production capacities. It sorts a variety of commodities:

•RICE •PULSES •BEANS •NUTS •GRAINS •SEEDS •TEA •COFFEE •SPICES •DEHYDRATES •PLASTICS



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