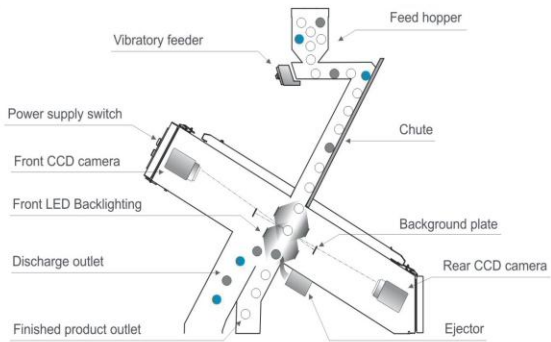
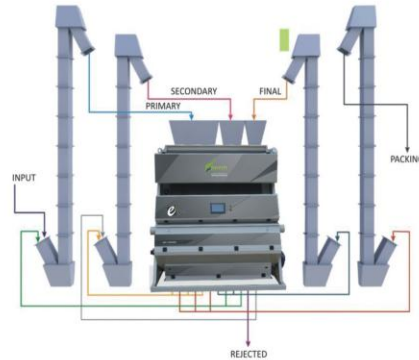


## Sorting Process



## Installation



G/MKT/D/01-A3 Rev: 01 Dt: 20.10.2016



## GENN CONTROLS INDIA PRIVATE LIMITED

(AN ISO 9001:2015 CERTIFIED COMPANY)



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### Service Centres

Andhra : Vijayawada  
Bihar : Sasaram  
Chhattisgarh : Raipur  
Gujarat : Ahmedabad  
Haryana : Karnala

Karnataka : Tumkur, Gangawati  
Maharashtra : Nagpur  
M.P : Indore  
Odissa : Sambalpur  
Punjab : Bathinda, Barnala, Sangrur, Ludhiana

Rajasthan : Jaipur  
Tamilnadu : Arni, Erode,  
Kallakurichi, Madurai  
U.P. : Varanasi, Luckow  
West Bengal : Burdwan



**eSeries**



Rice Vision Sorter

Highly sophisticated GENN E-series color sorter designed by us is widely used for defects and contaminants from food grains. Well appreciated among the manufacturers for its features like high efficiency and longer service life. Our true value color sorters are offered in diverse specifications as per application specific needs.

## e Series

### e3 Series

Models	e 032-60	e 033-90	e034-120
Primary	40	60	80
Secondary	20	30	40
Final	-	-	-
Capacity#	0.6T – 0.8T	0.8T – 1T	1T – 1.2T
Compressor (Hp)	7.5	10	15
Power (KV/a)	1	2	2
Dimensions	L x W x H 1015 x 1400 x 1800 in mm		
Weight	300 Kg		

# - Contamination ratio <1%, Air compressor, Air Dryer, Stabilizer or CVCR are optional equipments

### e11 Series

Models	e 112-220	e 113-270	e 113-330	e 114-360	e 114-440
Primary	120	150	180	200	240
Secondary	60	60	90	80	120
Final	40	60	60	80	80
Capacity#	3T - 3.5T	3.5T – 4T	4T – 4.5T	4.5T – 5T	5T – 6T
Compressor (Hp)	20	25	30	35	40
Power (KV/a)	5	7	7	7	7
Dimensions	L x W x H 2500 x 1350 x 1800 in mm				
Weight	1200 Kg				

# - Contamination ratio <1%, Air compressor, Air Dryer, Stabilizer or CVCR are optional equipments

### e7 Series

Models	e 072-120	e 072-140	e 073-210	e 074-240	e 074-280
Primary	60	80	120	120	160
Secondary	40	40	60	80	80
Final	20	20	30	40	40
Capacity#	1.2T- 1.5T	1.6T – 2T	2.5T – 3T	3T – 3.5T	3.5T – 4T
Compressor (Hp)	15	15	20	25	25
Power (KV/a)	2	3	5	5	6
Dimensions	L x W x H 1700 x 1350 x 1800 in mm				
Weight	750 Kg				

# - Contamination ratio <1%, Air compressor, Air Dryer, Stabilizer or CVCR are optional equipments

### e15 Series

Models	e152 -300	e153 -450	e154 -600
Primary	180	270	360
Secondary	80	120	160
Final	40	60	80
Capacity#	4T- 4.5T	6T – 7T	7T – 8T
Compressor (Hp)	25	40	50
Power (KV/a)	7	9	10
Dimensions	L x W x H 2500 x 1350 x 1800 in mm		
Weight	1800 Kg		

# - Contamination ratio <1%, Air compressor, Air Dryer, Stabilizer or CVCR are optional equipments



Camera

True Color 2048 high definition CCD camera with superb resolution inspection of 0.088mm and meet high end color sorting requirements of synchronous sorting. Double sided camera can give excellent performance in process. Truly visualization technique achieved by dynamic capture at very speed and analyzing method.



Image Processing

4th generation FPGA processing system – which promotes the speed and efficiency of mass data process, meanwhile improve capacity and sorting accuracy. Camera information is quickly processed by Ultra-fast FPGA+DSP processor. Incomparable arithmetic capability and perfect program design create solid performance throughout system



Ejector

Exclusive color sorter solenoid valve with ultra low air consumption ensures optimized carryover ratio and high sorting accuracy. High speed precision serviceable ejectors with 500/1000 operations per second.



**SONY**  
**Nikon**  
**FESTO**



**SIEMENS**  
**JANATICS**

**OSRAM**

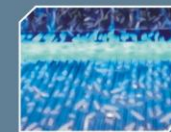


65535 Mega colors TFT touch screen with intelligent operating system, the system can be mastered and operated easily, turning the intelligent communication between human and machine into reality and eliminating all your concerns about operating.



Touch Screen HMI

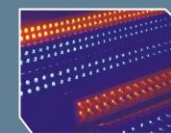
The special anodizing technology complies with international standards. Ultra wide channel model, to meet the large output, large quantities of sorting requirements. Specially configured design chutes gives more effective and efficient sorting of food grains



Chute

**genn**  
Sorting Solutions

## e Series



LED Light source

High spectral purity LED light source system characteristics gives stable performance and long life time. Leading LED optical design system, a variety of light sources can be selected to suit the different materials. Life time more than 50,000 hours. LED air cooling system significantly increases the service life of LED.