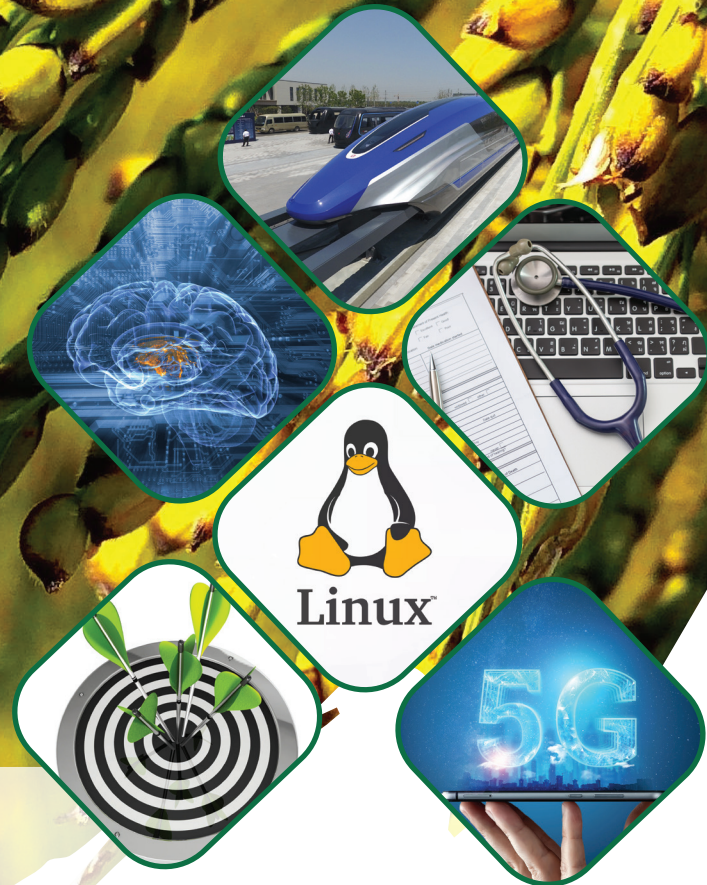


GAMMA SERIES



- ◆ 16200 Pixels High speed Multichromatic Cameras
- ◆ InGaAs Infrared system for sorting all foreign materials effectively
- ◆ 5G Technology, with optional Panoramic Quality Analyzer
- ◆ Fast response Maglev ejectors with life of 10 Billion cycles
- ◆ Sniper technology -Target Located rejection for better carry-over ratio
- ◆ Higher Capacity - Strong Software algorithm to analyse the sorting materials
- ◆ Simplified UI system with more user friendly HMI
- ◆ Specially designed for Rice Exporters for Food safety

Multi Chrome Cameras:

- Multichromatic **16200 Pixel High Speed cameras** with excellent scanning rate.
- NIR & InGaAs Camera to identify the Foreign materials
- Plastic & Glass Sorting can be done along with Color Sorting.
- Double Vision Scanning System to detect the slightest difference up to 0.01mm.
- Specially customized Spectrum Confocal 2.0 low distortion HD lenses to Identify pinpoint, glass, Plastic & desiccant images.
- Equipped for Reverse sorting & Size Sorting Methodology.

Technology:

- 7th Generation FPGA Processing with Auto Intelligent Digital Image Sorting Technology.
- Product scanning speed of 35000 lines/sec.
- Auto calibration feature with Auto setting & Auto sorting control.
- High Brightness Adjustable Cool white LED Lighting systems with life span of 50,000 Hrs.
- Self –diagnosis and memorization of different scanned products.

Technical Specifications

MACHINE MODEL	GAMMA 4	GAMMA 6**	GAMMA 8**	GAMMA 10**
No. of chutes	4	6	8	10
Channel Re Re Sort	120+60+60	180+120+60	300+120+60	360+180+60
RGB Cameras	8	12	16	20
NIR Cameras	4	6	8	10
InGaAs Cameras	4	6	8	10
Total Cameras in Machine	16	24	32	40
Power Consumption	4KVA	6 KVA	8 KVA	10 KVA
Air Compressor	20HP 110CFM	30HP 130CFM	40HP 200CFM	50HP 230CFM
Indicative O/P Capacity (Rice) @ 5% Dark	3-4 TPH	4.5-5.5 TPH	6.5-7.5 TPH	7.5-8.5 TPH
Final Rejection (Good : Bad)	1:30	1:30	1:30	1:30

* Capacity is indicative and may vary wrt to grain quality & density.

**Models which are recommended for four time sorting / double rejection for better final resort rejection. The capacity indicated above will vary according to chute configurations.

Graphics Panel:

- 15 "Linux based user friendly Graphic user interface (GUI) with 5G Online Support System.
- Image capturing systems with 200 profiles storage that enables quick machine settings.

Maglev Ejectors:

- Maglev technology Ejectors with fast response time of 0.8 milliseconds, 3.8 mm Nozzle and a life time of 10 Billion Cycles.
- Upgraded with Quality ejector Feedback system that can monitor the ejections.

Chutes:

- Anodized chutes having smooth surface to facilitate the even flow of material.
- Heating provision for chutes to avoid choking of material.

FOR ASSISTANCE ON AGI MILLTEC PRODUCTS & SERVICES PLEASE CALL

MILLTEC MACHINERY LTD.
No. 51/A , 1st Phase, KIADB Indl Area
Bommasandra, Bangalore -560099

Follow us on



@aggrowthintl / AGGROWTH.COM

TEL: +91-80-28016666
Email: milltec@milltecmachinery.com
Website : www.aggrowth.com
www.milltecmachinery.com