



ALPHA+ SERIES



- ◆ 16200 Pixels Multichromatic Cameras
- ◆ Fast response Maglev ejectors with life of 10 Billion cycles
- ◆ Impurity & Broken analysis with Online Sorting Preview
- ◆ Reverse Sorting & Size Sorting
- ◆ Optional 4 time sorting for better carry-over ratio
- ◆ 15" Screen with Linux based Self Diagnosis System
- ◆ High Performance to Cost
- ◆ Multicolor RGB LED Lighting System for Multiproduct Sorting

Multi Chrome Cameras:

- Multichromatic **16200 Pixel High Speed cameras** with excellent scanning rate.
- Double Vision Scanning System to detect the slightest difference up to 0.01mm.
- Binocular 3D Reconstruction Software for all products.
- Equipped for Reverse sorting & Size Sorting Methodology.

Technology

- 6th Generation FPGA Processing with Auto Intelligent Digital Image Sorting Technology.
- Product scanning speed of 32500 lines/sec.
- Auto calibration feature with Auto setting & Auto sorting control.
- High Brightness Adjustable Cool white &
- Multicolour RGB LED Lighting systems with life span of 50,000 Hrs.
- Self-diagnosis and memorization of different scanned products.

Technical Specifications

MACHINE MODEL	ALPHA+ 5	ALPHA+ 6**	ALPHA+ 7	ALPHA+ 8**	ALPHA+ 10**
No. of chutes	5	6	7	8	10
Channel Re Re Sort	180+60+60	180+120+60	240+120+60	300+120+60	360+180+60
RGB Cameras	10	12	14	16	20
Power Consumption	5KVA	6 KVA	7 KVA	8 KVA	10 KVA
Air Compressor	25HP 120CFM	30HP 130CFM	40HP 170CFM	40HP 200CFM	50HP 230CFM
Indicative O/P Capacity (Toor Dal) @ 5% Dark	3.5-4 TPH	4-4.5 TPH	5-5.5 TPH	6-6.5 TPH	6.5-7 TPH
Final Rejection (Good : Bad)	1:15	1:15	1:15	1:15	1:15

* 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 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.
- Highly Efficient Dust collection system.

Chutes

- Anodized chutes having smooth surface to facilitate the even flow of the 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