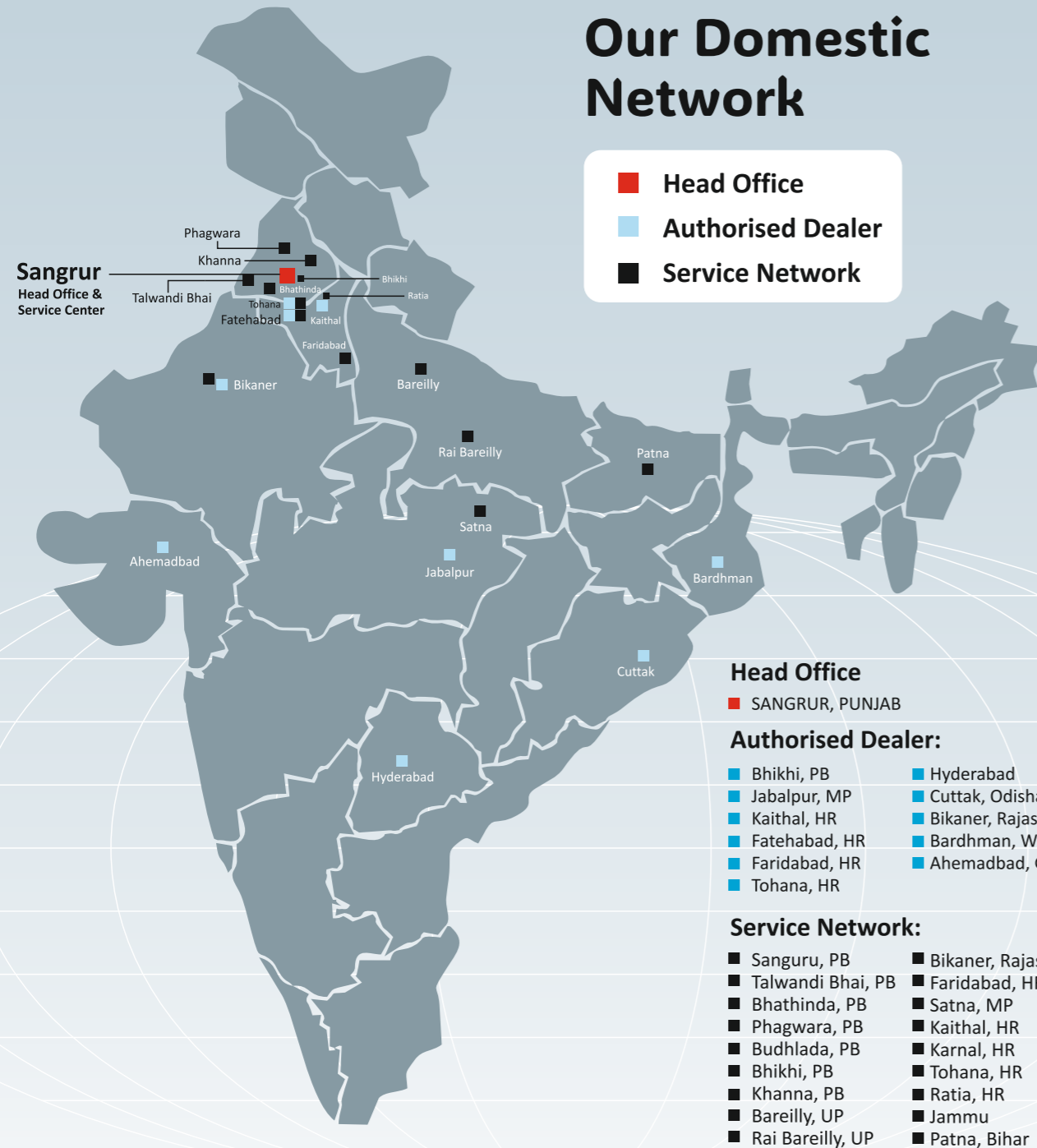




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Next Generation
Manitech
Intelligent Full
Color Sorter



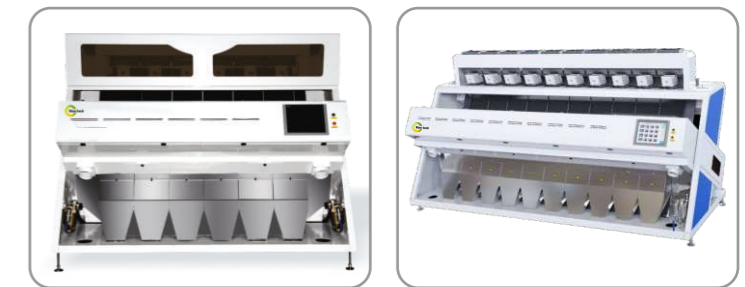
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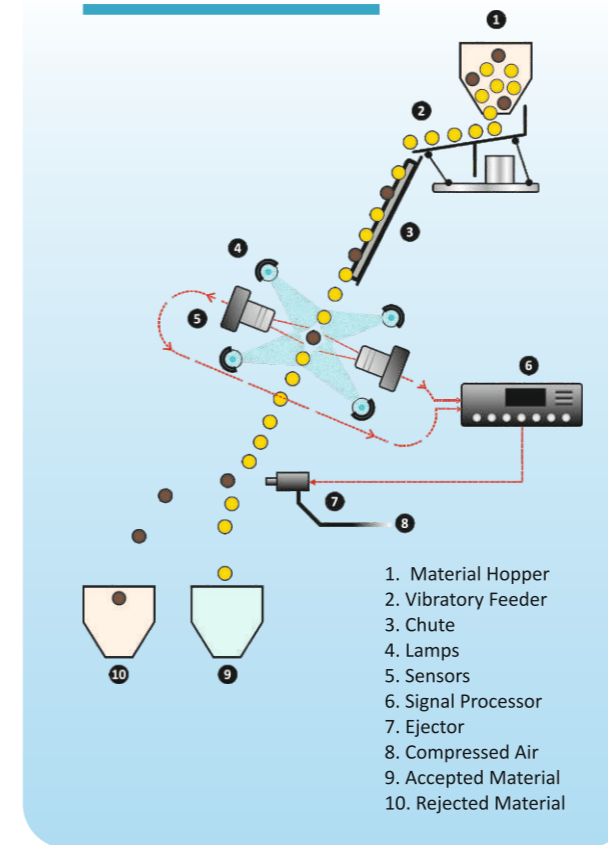
INTELLIGENT FULL COLOR SORTER



Multi Functional Full Color Sorter



Structure Schematic Rice Camera Structure Schematic



Technical Features

- Toshiba Camera 5400 pixels** : High resolution ultra-low distortion micro camera imaging system, with electrodeless LED light source, brings unprecedented precision recognition.
- Intelligent magnetic control high frequency solenoid valve**: High frequency low air consumption ejector, flexible contact, wear-resistant super alloy material, matching with lifetime.
- Full core upgrade**: Gowing FPGA has the advantages of faster processing speed, lower power consumption and more stable operation.
- Intelligent dimming**: Digital stepless dimming, automatically matching brightness according to material change.
- Human-computer interaction**: Automatic acquisition of temperature, humidity, air pressure, differential pressure and other related working environment parameters to achieve monitoring and early warning.
- High speed feeding system**: Patented high-frequency vibrator and antioxidant anode treatment chute greatly increased throughput by 20% ~ 30% compared with other competitors.
- Chutes**: Extrudes with special coating for excellent durability with chute heater. Specially designed for optimum sorting in all commodities.



Toshiba Camera



Martix & SMC



Human Machine Interface HMI



Shadowless and Stepless LED Lighting



Line Filter Separator



Intelligent Processing

Technical Specifications:

Model	Voltage/ Air Pressure	Main Power (Kw)	Air Consumption (m3/min)	Capacity (t/h)	Net Weight (kg)	Dimension (LxWxH) (mm)
Manitech-1T	180-240V 50Hz 0.6-0.8 Mpa	1.0	≤ 0.6	0.6~1	400	1030x1600x1950
Manitech-2T		1.5	≤ 1.2	1~2	615	1330x1660x2185
Manitech-3T		3.0	≤ 2.0	2~2.5	763	1645x1660x2185
Manitech-4T		5.0	≤ 2.4	3~6	915	2025x1660x2185
Manitech-5T		5.0	≤ 2.8	3~8	1250	2355x1660x2185
Manitech-6T		7.5	≤ 3.2	4~9	1450	2670x1660x2185
Manitech-7T		7.5	≤ 3.5	5~10	1650	2985x1660x2185
Manitech-8T		10.0	≤ 4.0	6~11	1850	3300x1660x2185
Manitech-10T		10.0	≤ 4.8	8~14	2200	4100x1660x2185
Manitech-12		10.0	≤ 6.0	11~18	2700	4500x1700x2040

Note: The parameters based on test result on peanut with around 2% contamination; it varies depending upon different input and contamination