



ANYSORT

TEA COLOR SORTER SERIES

"ANYSORT" STAYS AHEAD OF THE REST



One Button Cloud Technology
Intelligently identify, Analyze, Calculate the impurity percentage and adjust operation data and sorting standards automatically.

- Exclusive Third Generation Cloud Version Integrated with Hawk-Eye Recognition Technology
- Self-Intelligent- One Click Smart Operation- Auto Programming- Video & Remote Function
- Infra-Red Option- Eliminates all Impurities
- Compatible for all types of Tea (White, Green & Black), Herbs & Specialties
- Initiative Multidimensional Shape Sorting
- Combination of Japanese/ German / UK & Swedish Technology
- Japanese Toshiba 8192 Pixel 4 Color RGBW Color Camera
- Japanese Phoenix Lens
- Semiconductor Chips & Circuits- ARM brand UK
- German Ejector Valves
- Japanese Sharp Display
- Infinite variable German Osram LED
- All Bearings- Japanese Origin
- Screw Compressor & Refrigerated Air Dryer- Atlas Copco Sweden
- Free/Regular Performance Enhancing Software/ Mechanical Upgrading Irrespective of the Warranty Period

Global Leader In Tea Color Sorter Industry

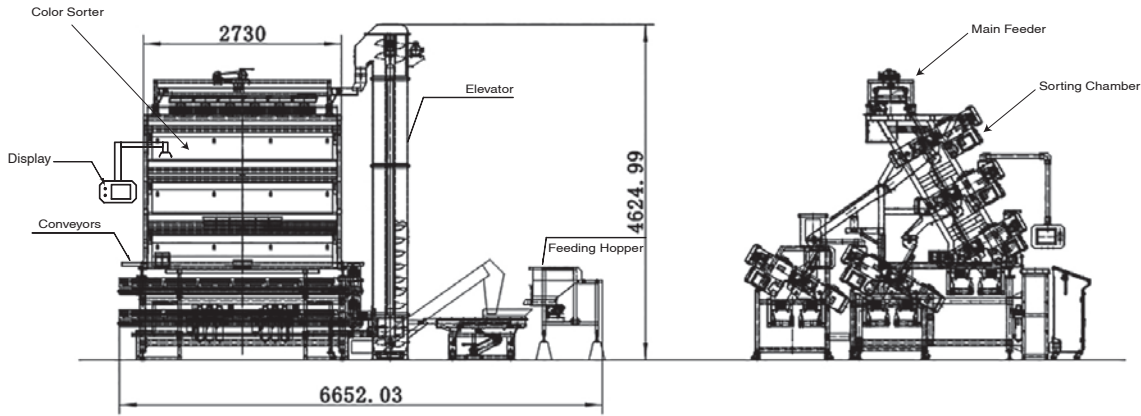
After Sales Service Directly by the Manufacturer

Manufacturers Branch in Sri Lanka. No Agents.

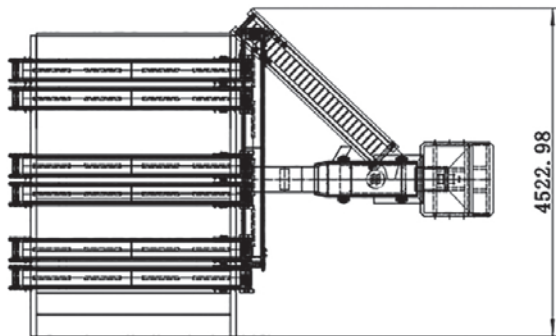
Intelligent Cloud Technology



Basic Structure (5 Stage)



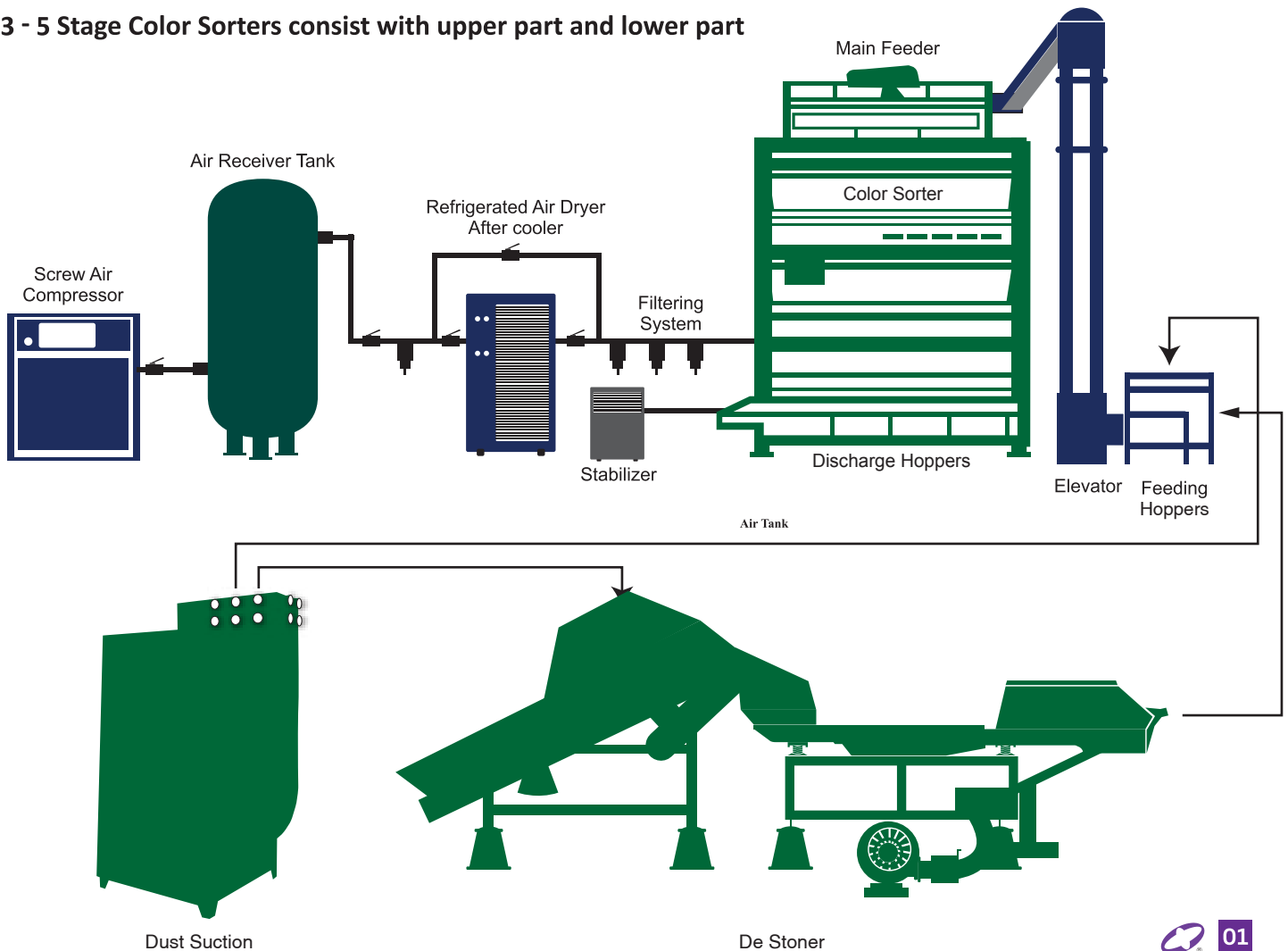
Vertical view of the Color Sorter



1. Above pictures and forms are lay-out drawings of a 5 stage color sorter, elevator & feeding hopper.
2. The above is a theoretical layout plan, but the actual arrangement should be adjusted according to factory environment and machine model.

Flow Diagram

3 - 5 Stage Color Sorters consist with upper part and lower part



Technical Specifications 3 - 5 Stage & Infra-Red

MODEL	3 STAGE INTELLIGENT 4000T (768)	3 STAGE INTELLIGENT 6000T (1152)	3 STAGE (REVERSIBLE) INTELLIGENT 6000T (1152)	4 STAGE (REVERSIBLE) INTELLIGENT 6000T (1536)	5 STAGE (REVERSIBLE) INTELLIGENT 6000T (1920)	3 STAGE IR INTELLIGENT 6000 T (1152)
Dimensions (LxWxH-mm)	1920x2250x3500	2730x2250x3500	2730x2400x3200	3000x2700 x4000	3000x3100 x4000	2860 x2735 x3920
Power Kw	3.2	3.5		6	7.5	3.5
Weight	1850	2100	2300	3800	4300	3800
Ejectors	768	1152	1152	1536	1920	1152
Chutes	12	18		24	30	18
Scan System	Third Generation Cloud Version - Hawk Eye Technology 4 Color RGBW 8192 Pixel Full Color Camera / InGaAs Recognition- Infra-Red Option					
Cameras	12	18		24	30	RGBW Color- 18 + IR- 18= 36
Vision lamp	Infinite variable Crystal White LED Lamp					
Capacity-Kg/Hr.	1200	1600-2000	1600	2200-2600	2600-3000	1600-3600
Vibrators	5	7				
Air Compressor	Screw Air Compressor 15-30 KW					
Air dryer	Refrigerated Air Drier 3-7.5 CBM					
A.V.R- Kw	5			7.5		
Special	Self-Intelligent/ One Click Smart Operation/ Remote Function/ Auto Programming-Video/ Silver, Golden Tip Separator/ Compatible for Herbs & Specialties/ Elimination of Impurities/ Reverse Mode Action & Grading Option/ Combination of Japanese, German, UK & Swedish Technology					
Guarantee	2 Years					

Anysort is the 1st Company to achieve the following Certifications in Global Color Sorter Industry

- ISO 9001: 2000 Quality Management System Certification.
- ISO 14000 Environmental Managements System/ Occupational Health and Safety Management System Certification.

Anysort has consecutively won the following titles in China

- Consecutively Honored as Most Advance Technology Title in China.
- Consecutively Honored as Most Influential Color Sorter Brand in China.
- Consecutively Honored as Most Technologically Advanced Color Sorter Title in China.
- Consecutively Honored for Highest Quality Product Title & Quality Management Systems.
- Computer Software Copyright Registration Certification.
- Honored as "AAA" Level Enterprise of Credit Evaluation.

Cloud Internet of Things Technology

- Real time Online Service.
- Online Technical Support.
- Online Diagnosis.
- Online Software Upgrade.
- Online Data Exchange.
- Online Operation Management.
- Creates new Era of Zero-Distance.

Most Advanced Cloud Version consisting of 4 Color RGBW Full Color Camera

- i. Consists with Toshiba (Japanese) 8192 Pixel 4 Color RGBW Full Color Camera. Pioneer in Global Innovation Third Generation Cloud Version consisting of 4 Color RGBW adopting Hawk-Eye Recognition Technology into camera, compared to Second Generation CCD 3 Color RGB. This is one of the Major Differences from the cameras used in the competing 3 Color CCD & Bichromatic (RGB / Black & White) Camera Color Separators.
- ii. Self-Intelligent Version with One Click Smart Operation- Minimize human errors & analyses optimum parameters for different raw materials automatically.
- iii. Exclusive retaining / Rejecting of Silver & Golden Tips compared to competing models. Actual color detection, rejects even Intermediate Colors including Black Stalks/ Red-Ends effectively & Silver and Golden Tips can be Retained effectively.
- iv. Consists of Discolor and Discolor Reverse Modes Extracting remaining Black Tea from Refuse Tea. This option will ensure elimination of 100% Stalks/ Red Ends to be rejected.
- v. Intelligent Shape Sorting- Initiative Multidimensional space algorithm can identify & sort as per Shape, Length & Thickness.
- vi. Only Color Separator in the Globe, which consists with Cloud Version Hawk Eye Technology, Remote Function Mode with Video Option, which facilitates Auto Programming.
- vii. All Semiconductor Chips & Circuits consist of ARM Brand from UK, world's leading Semiconductor Producer.



Option of Infrared Camera

- i. InGaAs Recognition Technology- Infrared Camera with Ultra-High Resolution & wide range of Spectral Response at Any Stage (Upper/ Middle/ Lower) & Any Position (Front or Back) - Eliminates all Impurities including Black Color Impurities; Plastics, Stones, Sand, Glasses, Metals, Non Metallic Particles, Nylon, Paper, Insects, Animal Stool & all Non Tea Malignant Impurities.



Japanese Phoenix Lens

- i. All models consists of Highly Efficient/ Durable Japanese Phoenix Lens.



Self-Intelligent Mode with Remote Function & Video Option

- i. Self-Intelligent / One-Click Cloud Smart operation, which analyses optimum parameters automatically.
- ii. Auto Programmable through Video.
- iii. Precise/ Accurate Sorting.
- iv. Remote Function.
- v. Cloud Version Hawk Eye Technology.
- vi. Access & Programmable from Anywhere in the Globe.
- vii. Global Innovation of Internet of Things Technology.

Self Intelligent / Video Option



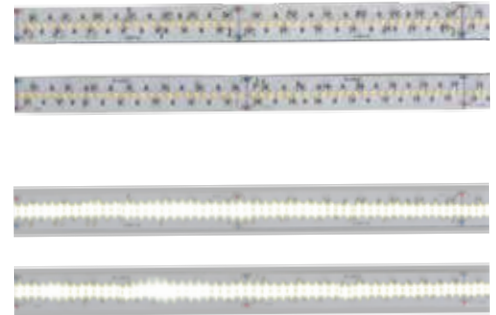
Intelligent Ejector Valve

- i. Equipped with high speed German Intelligent Air Ejector valves, the world leaders in ejector technology. This unique air valve has a response time of 1000 m.secs & longer life time up to 10 Billion times.
- ii. High Blowing Accuracy reduces the possibility of good Tea Particles being rejected along with the Stalks/ Red Ends.
- iii. Ultra-Low Air Consumption, Ultra Power Saving, Zero Damage to Tea, Super Silence, Perfect Self Recovery System-Low Maintenance Cost.
- iv. Tolerant to Extreme Conditions & Moisture.



LED Technology

- i. Infinite variable LED light control Technology- Only Tea Color Separator machine in the Globe alignment with Crystal White Exposed LED (German- Osram) Technology.
- ii. Brightness of the LED lamps are 9500 Lux, Five times Brighter than a general Fluorescent Lamp which is used in competing models. This feature can distinguish a range of 65,000 Colors.
- iii. Durability of LED Lamps, are more than Ten times the conventional Fluorescent Lamps.
- iv. LED lamps consumes Less Power (50-70%) compared to conventional Fluorescent Lamps.
- v. No heat build-up during long hours of operation. This factor will increase the life span of the LED.



LED Display

- i. Self-Intelligent One click Smart Operation.
- ii. Video & Remote Functions.
- iii. Real Color Large TFT – LED Movable Touch Screen.
- iv. Sharp brand from Japan with Win7 operating system.
- v. Operator Friendly, Easy Operation.



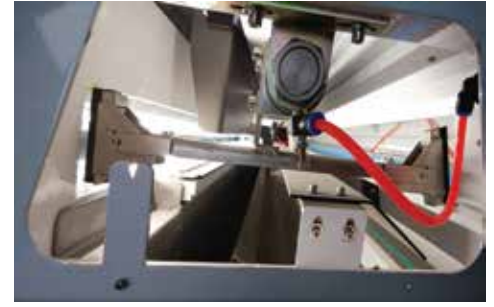
Structural Advantages

- i. Option of 2, 3, 4 & 5 Stage.
- ii. Models consists with Twelve/ Eighteen/ Twenty Four & Thirty wide U Type Channels.
- iii. This Unique Technique ensures Precise Sorting & Higher Throughput.
- iv. Facilitate Even Movement of Tea particles, Less Damage due to Less Friction & will Minimize Maintenance.
- v. All contact parts are made of Stainless Steel which facilitates smooth flow of tea.
- vi. Global Initiative Design of 5 Stage integrated with Intelligent Circulatory system. Precise separation of Yellow Stalks, Brown Stalks, Black Stalks, Slice & Flaky Leaf, Silver Tips & Golden Tips. No Re-sorting.



Auto Dust Cleaning Function

- i. Automatic Intelligent operation.
- ii. Prevents Dust Accumulation on LED Casing.
- iii. Programmable Time Frequency.
- iv. Saves Operators Time.
- v. Enhanced/ Consistent Performance.



Isolator Transformer/ Stabilizer

- i. Equipped with Dual Function Isolator Transformer & Voltage Stabilizer. This unit protects the Color Separator against,
 - Lightening & Sudden Electrical Surges.
 - Frequent Power Fluctuations.



Screw Air Compressor/ Air Receiver Tank

- i. High Efficient/ Energy Saving Swedish (Atlas Copco- Sweden) Screw Compressor.
- ii. Ability to use on many Color Sorters/ Automation Systems.
- iii. Sound Proof.
- iv. Less Maintenance.
- v. Equipped with an Additional 1000 lt. Air Receiver Tank.



Refrigerated Air Dryer/After Cooler

- i. Equipped with a Swedish Refrigerated Air dryer/After Cooler (Atlas Copco- Sweden).
- ii. Ensure Elimination of 100% Moisture.
- iii. Supply of Cool Dry Air to the ejector valves.
- iv. Enhances the Life Span of the valves and Performance Level of the machine.



Trough Conveyors

- i. All discharge boxes are provided with Trough Conveyors. Option of Reversible Conveyors & additional Conveyors as per client requirements.
- ii. Inclined / Bucket Elevator & Feed Hopper.



De-Stoner & Dust Suction (Optional)

- i. Eliminates all Stones & Heavy Objects / Eliminates all Dust particles.
- ii. Sucks all Blowout & Dust / Converts in to Purified Air.



AnySORT Advantages

- i. Combination of Japanese/ German, Swedish & UK Technology- Consistence Performance & High Durability.
- ii. Self-Intelligent with One Click Smart Operation- Minimize human errors & analyses optimum parameters automatically.
- iii. Compatible for all types of Tea (White, Green & Black), Herbs & Specialties.
- iv. Eliminates all Impurities from Tea/ Herbs.
- v. Optional Infrared Camera.
- vi. Free/ Regular Performance Enhancing Software/ Mechanical Upgrading Irrespective of Warranty Period.
- vii. Manufacturers Branch in Sri Lanka. No Agents unlike in competing brands. Lowest Price.
- viii. Superior After Sales Service- Directly by the Manufacturer. Only AnySORT has positioned Manufacturers Engineers Full Time in Sri Lanka, on 24/7 on call Service. All competing brands are serviced by the Agents Technicians.

Herbs & Specialties

	<u>Accept</u>	<u>Impurities</u>	<u>Rejects</u>
Chamomile			
Peppermint			
Rosehips			
Green Tea			
White / Golden Tea			

Infered Eliminates



Stones



Glass



Metal



Hair



Wood



Insects



Plastics

Intelligent Shape Sorting



Input



Narrow



Wide



Small



Tippy

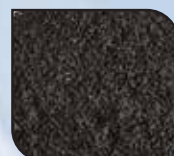


Stalks

Orthodox Tea Performance



Input



1st Box

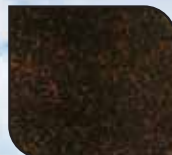


2nd Box

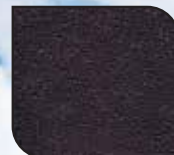


3rd Box

CTC Tea Performance



Input



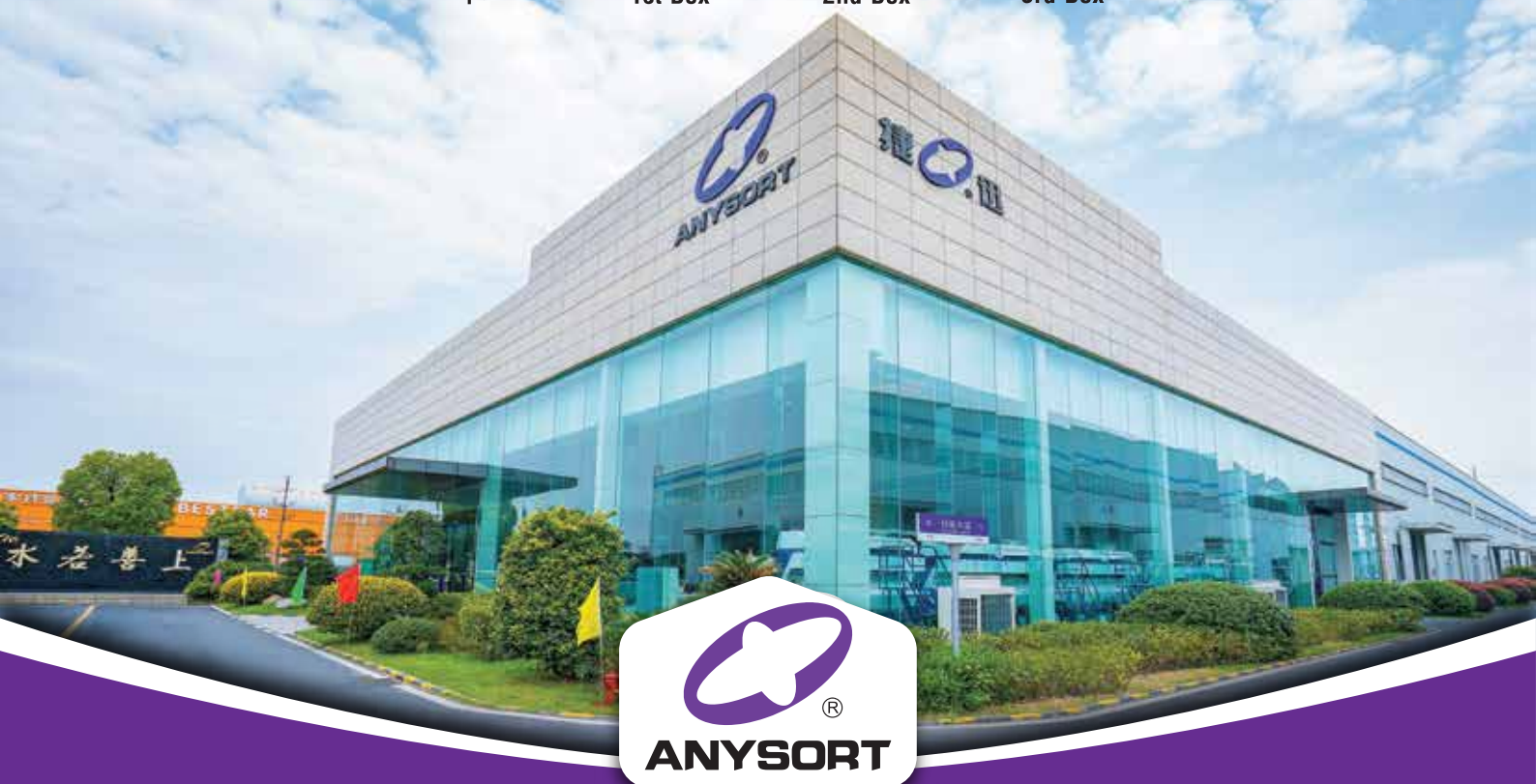
1st Box



2nd Box



3rd Box



ANYSORT TECHNOLOGIES LANKA (PVT) LTD

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