

# ANYSORT TEA COLOR SORTER

**“ANYSORT” STAYS AHEAD OF  
THE REST**

**WWW.ANYSORTING.COM**  
**WWW.ANYSORTLANKA.COM**

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- Introduction of Anysort.
- Anysort Presence in Sri Lanka.
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- Machine Count, Customer Details & Factory Ranking.

## Introduction of Anysort



- “Anysort” is the overseas brand name of all color sorters produced by Anhui Jiexun Optoelectronic Technology Co., Ltd, Founded in 1999.

- Located in Hefei, Anhui Province over 150,000m<sup>2</sup> and possesses 370 sets of equipment for production, research and testing.
- Staff of over 700 people of which 80% are undergraduates & graduates.
- Pioneer & Global Innovator of Third Generation Cloud Version consisting of 4 Color RGBW adopting Hawk-Eye Technology into camera.
- Exclusive InGaAs Recognition Technology- Japanese Infrared/ Third Generation Cloud Version 4 Color RGBW Hawk-Eye Cameras Eliminates All Impurities including Black Color Impurities.
- Pioneer of exclusive One-Click Cloud Smart operation/ Auto Programming through Video

- Cloud Internet of Things Technology- Remote Function Mode
- Compatible for all types of Teas (White, Green & Black), Herbs & Specialties & option of Intelligent Shape Sorting.
- Global market leader & sold over 7500 Tea Color Sorters. Export to more than 80 countries including North America, South America, Northern Europe, Eastern Europe, East Asia, Central Asia, Southeast Asia, Africa, Australia, etc.
- Free/ Regular Performance Enhancing Software/ Mechanical Upgrading Irrespective of Warranty Period- Ensure all machines consist of latest technology.

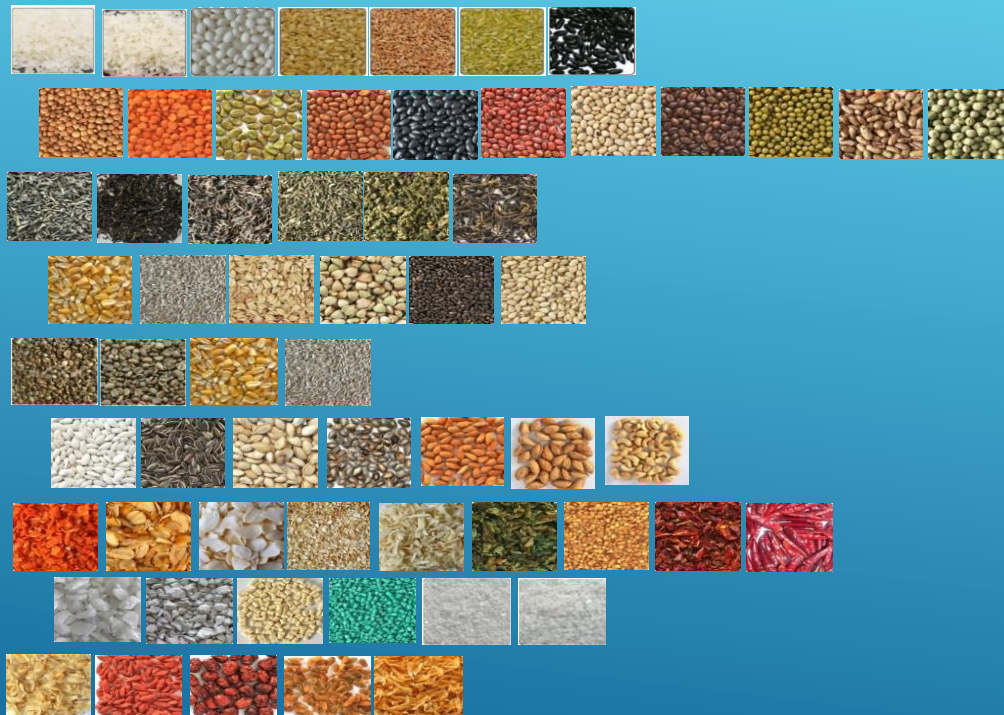
- Anysort- 1<sup>st</sup> Company to achieve the following certifications in Global Color Sorter Industry.
  - ISO 9001: 2000 Quality Management System Certification.
  - ISO 14000 Environmental Managements System/ Occupational Health and Safety Management System Certification.
- Anysort has consecutively won the following titles in China.
  - Consecutively Honored as Most Technologically Advanced Color Sorter Title in China.
  - Consecutively Honored as Most Influential Color Sorter Brand 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.

## Anysort Presence in Sri Lanka

- Since August 2011.
- Market leader since 2013 up-to-date.
- Highest number of installations since 2013.
- 1<sup>st</sup> to install 3, 4, 5 stage cloud color sorters.
- 1<sup>st</sup> & the only Company to install high throughput (up to 4000 Kgs/ Hr.) Infrared color sorters specially for exporters- Elimination of all Impurities including Black Color Impurities; Plastics, Stone, Sand, Glass, Metal, Non Metallic Particles, Nylon, Paper, Insects, Animal Stool & all Non Tea Malignant Impurities.
- **Manufacturers Branch** in Sri Lanka. No Agents.
- After Sales Service- **Directly by the Manufacturer.** Anysort has positioned Manufacturers Engineers Full Time in Sri Lanka, on 24/7 on call Service.

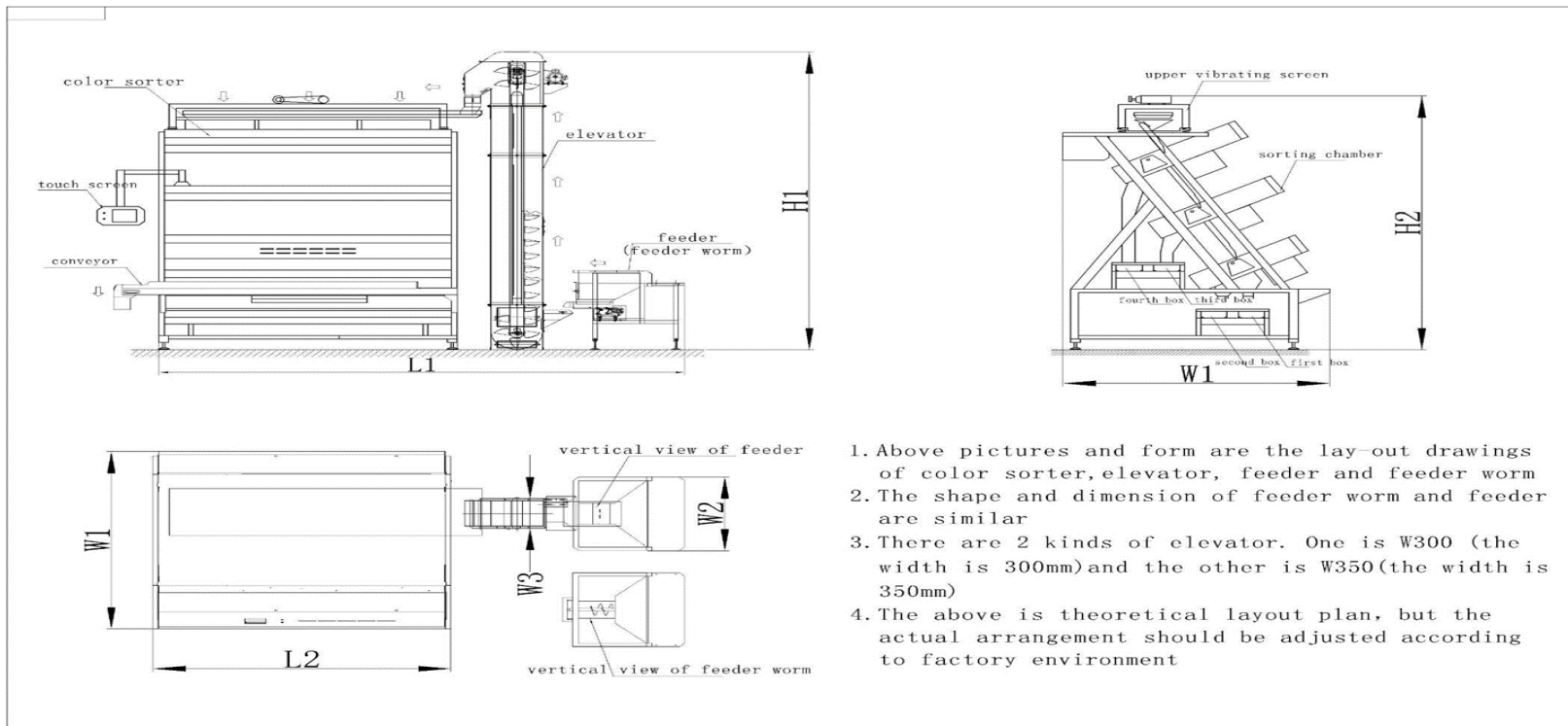
# PRODUCT RANGE OF ANYSORT

- ▶ Rice
- ▶ Beans
- ▶ Tea
- ▶ Cereals
- ▶ Seeds
- ▶ Nuts & Kernels
- ▶ Dehydrated Vegetables
- ▶ Industrial Goods
- ▶ Economic Crops

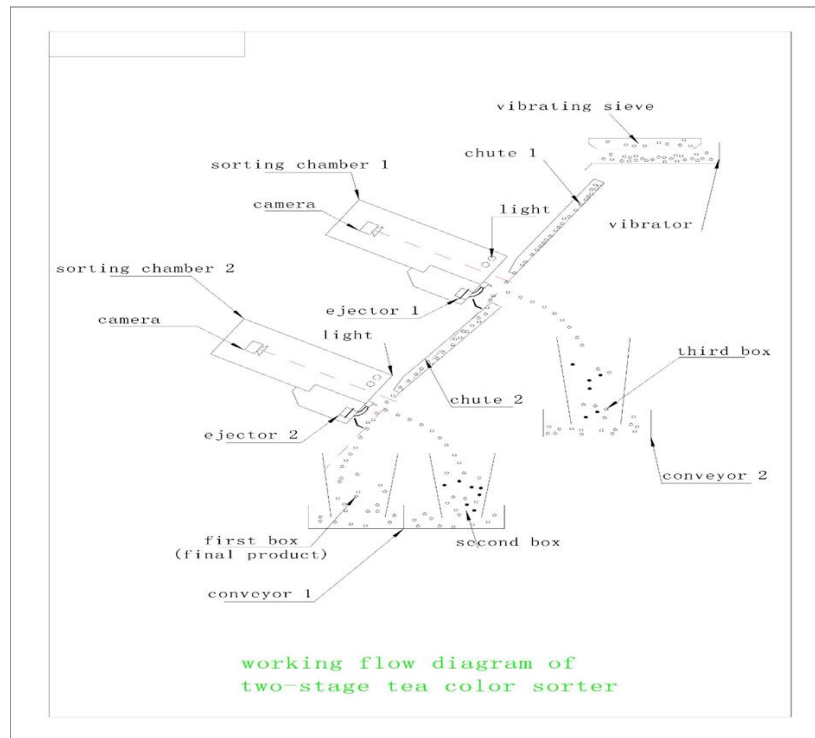




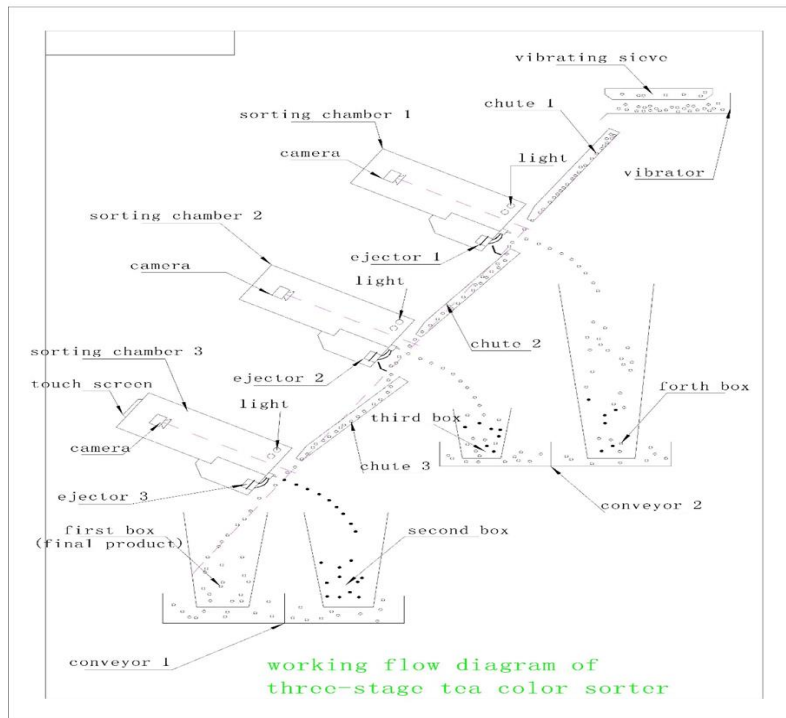
# Layout- Tea Color Sorter, Elevator and Feeder Diagram



## Sorting Principle – 2 Stage



## Sorting Principle – 3 Stage



## Anysort 2 Stage Intelligent Tea Color Sorter



# Anysort- 3 Stage Integrated Intelligent Circulatory Tea Color Sorter



# Anysort 3 Stage Intelligent Tea Color Sorter



# Anysort- 4 Stage Integrated Intelligent Circulatory Tea Color Sorter





# Anysort- 5 Stage Integrated Intelligent Circulatory Tea Color Sorter

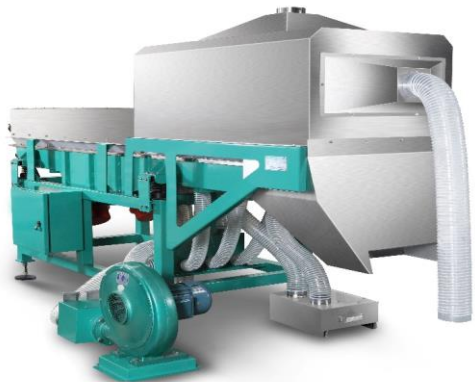




# Anysort- InGaAs Recognition Infra-red 3 Stage Intelligent Tea Color Sorter



## Anysort De-Stoner



- Eliminates all heavy stones/ metals/ impurities.
- Eliminates all soft impurities.
- No rejection of good tea.
- Removal of tea dust of different sizes based on requirement.
- Low power consumption compared to conventional de-stoners.
- High efficiency compared to conventional de-stoners.

# Anysort Dust Suction



- Eliminates all Blow-out.
- Various capacities ranging from 3.5 kW up to 15 kW.
- Suction points from 12-20.
- Low power consumption compared to conventional dust suction system.
- No rejection of Good Tea.
- Ability to connect to any other machinery in the factory.
- High efficiency compared to conventional dust suction system.

## Screw Compressor



- High Efficient.
- Energy Saving.
- Less Maintenance.
- Ability to use many Color Sorters & Automation System.
- Sound Proof.
- **Swedish Brand- Atlas Copco.**
- Unit is supplied with an Additional 1-2 CBM Air Tank.

## Refrigerated Air Drier / After Cooler



- Ensure 100% Elimination of Moisture.
- Supply Cool Dry Air to Valves.
- Increase Life Span of Valves.
- Enhances Performance Level of the machine.
- **Swedish Brand- Atlas Copco.**

## Isolator Transformer / Stabilizer



- Equipped with Dual Function Isolator Transformer/ Voltage Stabilizer.
- Protects the unit against,
  - Lightning/ Sudden Electrical Surges.
  - Frequent Power Fluctuations.

# 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	3600	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 – RGBW/IR	12	18		24	30	RGBW Color- 18 + Infra- Red- 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 22-30 KW					
Air dryer	Refrigerated Air Drier 3-6 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 Black, White, Green Teas- Herbs & Specialties/ Elimination of Impurities/ Reverse Mode Action & Shape Sorting Option/ Combination of Japanese, German, UK & Swedish Technology					
Guarantee	2 Years					

## Most Advance CCD Color Camera



- **Pioneer** in Global Innovation **Third Generation Cloud Version** consisting of **4 Color RGBW** adopting Hawk-Eye Technology.
- **Cloud Version**, Self-Intelligent/ One Click Smart Operation through Video.
- **Cloud Internet of Things Technology**- Remote Function Mode
  - i. Access & Programmable from Anywhere in the Globe.
  - ii. Real time online service.
  - iii. Online Technical Support.
  - iv. Online Diagnosis.
  - v. Online Software Upgrade.
  - vi. Online Data Exchange.
  - vii. Online Operation Management.
  - viii. Creates new Era of Zero-Distance.



## Contd.



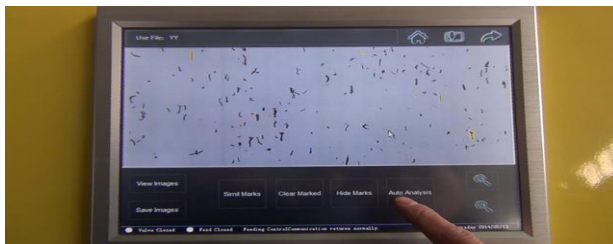
- Toshiba (Japanese) **8192 Pixel 4 Color RGBW** Full Color Camera.
- High Efficient/ Durable **Japanese Phoenix** Lens.
- All Semiconductor Chips & Circuits consist of **ARM Brand from UK**, world's leading Semiconductor Producer.
- Exclusive Retaining / Rejecting of **Silver and Golden Tips**.
- Detection Intermediate Colors and Red ends.
- Discolor and Discolor Reverse modes- Refuse Tea Extraction.
- **Intelligent Shape Sorting**- Initiative Multidimensional space algorithm can identify & sort as per Shape, Length & Thickness.

## Option of Infrared Camera & Reverse (back side) Camera



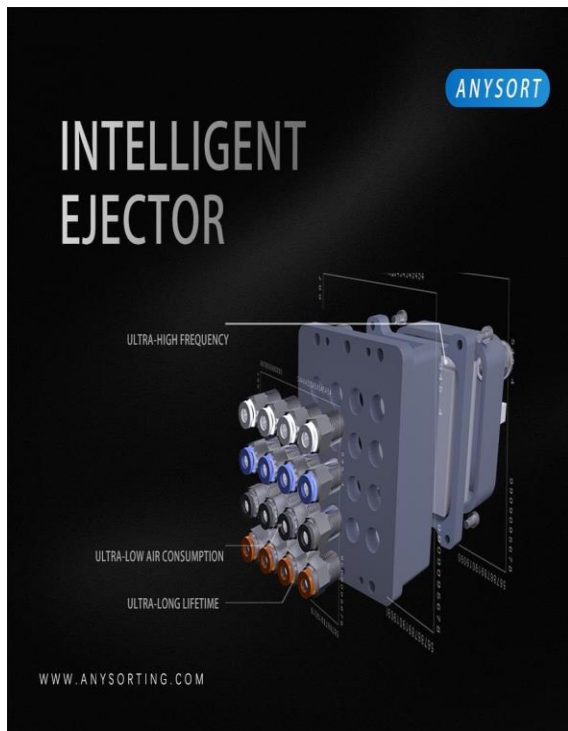
- InGaAs Recognition Technology- Japanese Infrared Camera with ultra-high resolution & wide range of spectral response at Any Stage (Upper/ Middle/ Lower) & Any Position (Front or Back) - Eliminates all Impurities including;
- Black Color Impurities; Plastics, Stone, Sand, Glass, Metal, Non Metallic Particles, Nylon, Paper, Insects, Animal Stool & all Non Tea Malignant Impurities.

# Exclusive Cloud/ Intelligent/ Remote Function Mode



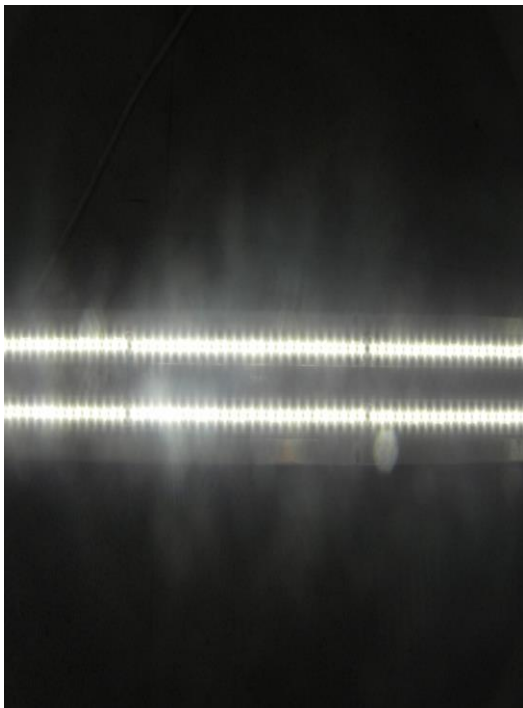
- Self – Intelligent / One-Click Cloud Smart operation, which analyses optimum parameters automatically.
- Auto Programmable through Video.
- Precise/ Accurate Sorting & Separation into many Fractions.
- Remote Function.
- Cloud Version Hawk Eye Technology.
- Global Innovation of Internet of Things- Access & Programmable from anywhere in the Globe.

## German Ejector Valve



- High speed **German Ejector** Valves.
- Response time 1000 MSC.
- Life Time of 10 Billion Times.
- High Blowing Accuracy- No Rejection of Good Tea.
- Ultra-Low Air Consumption, Ultra Power Saving, Zero Damage to Tea, Super Silence, Perfect Self Recovery System-Low Maintenance Cost & Serviceable.
- Floor Path close to Ejector Nozzle.
- Very High Durability.
- Resistant to Extreme Conditions/ Moisture

## Osram LED Technology



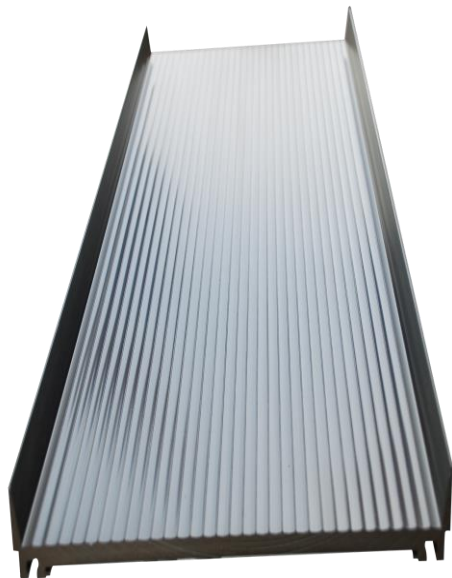
- Infinite variable LED light control Technology.
- Crystal White Exposed LED (**German-OSRAM**) Technology.
- Brightness- 9500 Lux.
- Distinguish a range of 65,000 Colors.
- Durability of LED Lamps, are more than Ten times the conventional Fluorescent Lamps.
- No heat build-up during long hours of operation. This factor will increase the life span of the LED.
- Power saving (50-70%) to conventional Fluorescent Lamps.

## Sharp- LED Display



- Self-Intelligent, Video & Remote Functions.
- Exclusive One-Click Cloud Smart operation.
- Real Color Large TFT – LED Movable Touch Screen.
- Large Size LCD Screen.
- **Sharp brand from Japan** with Win7 operating system.
- Operator Friendly, Easy Operation, Less Training.

## Structural Advantages



- Unique U Type Channels.
- Precise Sorting.
- Higher Throughput.
- Even Movement.
- Less Damage due to Less Friction.
- All Contact parts are made of Stainless Steel.
- Option of 3, 4 & 5 Stage.



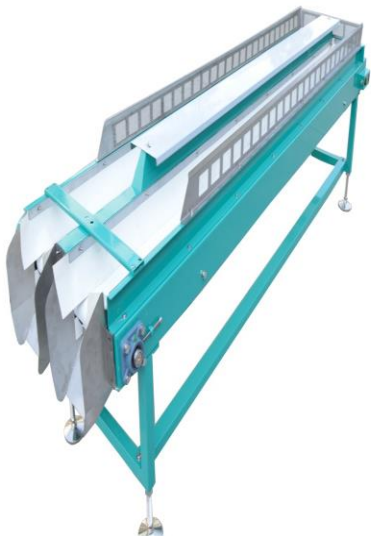
## Auto Dust Cleaning Function



- Automatic Intelligent operation.
- Prevents Dust Accumulation on LED Casing.
- Programmable Time Frequency.
- Enhanced/ Consistent Sorting Accuracy.
- Saves Operators Time.



## Trough Conveyors



- All discharge boxes are provided with Trough Conveyors.
- Option of Reversible Trough Conveyors & additional Conveyors to Feed Hopper.

## Feed Hopper / Bucket Elevator

- Feed Hopper.
- Inclined Elevator.
- Bucket Elevator.



## Performance of RGWB & Infrared Camera

Input



1<sup>st</sup> Box



2<sup>nd</sup> Box



3<sup>rd</sup> Box



## Performance of RGWB & Infrared Camera

1<sup>st</sup> Box



3<sup>rd</sup> Box



2<sup>nd</sup> Box



4<sup>th</sup> Box





## Performance of RGBW & Infrared Camera



# Impurities Removed by RGWB & Infrared Tea Color Sorter

Plastics



Stones



Insects



Glass



Metal



Wrapper



Nylon Rope



Soil Blocks



Animal Wastes



Cigarette Butts



Cereals



Charcoal



# Intelligent Shape Sorting

Input



Wide



Stalks



Small



Narrow



Tippy





## Anysort

1. Eliminates all impurities including black color impurities.
2. Occupies 15-20% space compared to conventional cleaning system.
3. Complete system consumes only 16.5 Kw.
4. Software upgradable to match with any requirements.
5. Compatible for Any type of tea (green, black, white) & Specialties/ Herbs- Chamomile, Rosehips, Peppermint, Sencha etc.
6. Option of color sorting & Shape Sorting.

## Conventional

1. Only some stones, paper & metal particles.
2. Occupies over 5 times space compared to Anysort.
3. Consumes as much as 80- 100 Kw.
4. No such provision.
5. Not compatible.
6. No such option.



## Advantages Of Anysort

- Combination of Japanese/ German/ Swedish & UK Technology.
- **Manufacturers Branch** in Sri Lanka.
- **No Agents** unlike in competing brands.
- 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.
- **Third Generation Cloud Version** consisting of **4 Color RGBW** adopting **Hawk-Eye Technology**.
- **Self-Intelligent-One Click** Smart Operation/ **Auto Programming** through Video.

- Pioneer of exclusive **One-Click Cloud Smart operation**, which analyses **Optimum parameters automatically**.
- **Cloud Internet of Things** Technology- Access & Programmable from Anywhere in the Globe, Remote Function Mode.
- Toshiba (Japanese) **8192 Pixel 4 Color RGBW** Full Color Camera.
- **InGaAs Recognition Technology**- Japanese **Infrared Camera. Eliminates All Impurities** including **Black Color** Impurities.
- High Efficient/ Durable **Japanese Phoenix** Lens.
- High speed **German Air Ejector** Valves- Resistant to Extreme Conditions/ Moisture.

- All Semiconductor Chips & Circuits consist of **ARM Brand from UK**, world's leading Semiconductor Producer.
- Infinite variable Crystal White Exposed LED (**German OSRAM**) light control Technology.
- Movable Real Color **TFT- LED Sharp Touch Screen** with Win7 operating system.
- Various sorting modes can be saved and shared to perfectly realize multi-usage and multi-sorting requirements.
- Unique U Type Channels.
- Exclusive Retaining / Rejecting of **Silver and Golden Tips**.

- Detection Intermediate Colors and Red ends.
- Discolor and Discolor Reverse modes- Refuse Tea Extraction
- **Intelligent Shape Sorting-** Initiative Multidimensional space algorithm can identify & sort as per Shape, Length & Thickness.
- **Compatible for all types of Teas** (White, Green & Black), Herbs & Specialties.
- Largest & Highest Capacity- **36 Cameras & 1920 Ejectors- 5 Stages.** Global Initiative Design of 5 Stage integrated with Intelligent Circulatory system.
- **Swedish Atlas Copco** Screw Compressor/ Refrigerated Air Drier.
- All Electronic/ Electrical Components Protected- Dual Function Isolator Transformer/ Stabilizer

# Total Machines Sold- Since 2011- July 2023

Year	Rice / Pulses	8 Camera	10 Camera	Intelligent 8/10/12 Camera	Intelligent 12/18 Camera- 3 Stage	Reversible- Intelligent 24 Camera- 4 Stage	Reversible- Intelligent 30 Camera- 5 Stage	Infra-Red Intelligent 12/18/36 Camera- 3 Stage	Total
2011 (Since August)	-	13	-	-	-	-	-	-	13
2012	-	10	01	-	-	-	-	-	11
2013	02	06	19	-	-	-	-	-	27
2014	02	04	12	19	-	-	-	-	37
2015*	01	-	-	21	07	-	-	-	29
2016	-	-	-	02	15	-	-	04	21
2017	-	-	-	-	27	-	05	04	36
2018	01	-	-	-	11	05	01	06	24
2019	-	-	-	-	04	07	04	01	16
2020	-	-	-	-	11	03	04	09	27
2021	-	-	-	-	10	06	04	02	22
2022	02	-	-	-	07	04	09	03	25
2023	01	-	-	-	03	04	05	02	15
Total	09	33	32	42	95	29	32	31	303

\* Note- No Machines were sold during Jan-May, due to change of Local Agent & Formation of Branch Company by the Manufacturer.

安徽捷迅光电技术有限公司  
Anhui Jiexun Optoelectronic Technology Co., Ltd

# Customers – < 1 Machine- End July 2023

No.	Name (Mr.)	Factories	Machines
1	W. Jinadasa	Devonia/ Andaradeniya/ Batuwangala/ Fortune/ Wawulugala/ Nivithigala/ Dooloella/ Ruhuna/ Willie/Galaxy	23
2	Aruna De Silva	Evergreen/ Brombil/ Wathurawila/ Ketandola/ Thundola/ Marakanda/ Walahanduwa/ Kanneliya/ Thalangaha/ Lihiniyawa/ Rekadahena/ Hillgargen	19
3	Kahawatte Plantations/ Dilmah	Imboolpitiya/Rilhena/Park/Craighead/Ketabola/Houpe/Opatha/Endane	11
4	Ranjan Walpola	Wikiliya/ New Hopewell/ Harangala/ Mount Carmel/ Dartry	10
5	Darshana Abeywicrama/Ranasinghe	Lakshakanda/Tea Lanka/Pine Hills/Allerton	08
6	Sam Liyanage	Falcon	08
7	Lalith Liyanage	Avissawella/ Hidellana/ Tea Shakthi Deraniyagala	08
8	Hiran Gamage	Rotumba/ Ekvin/ Green Lanka	06
9	Susil Haputhanthri	Green House/ Jasmine Valley	05
10	Pathma Group	Wilahena/ Kurunduwatte/Magedara/Golden Leaf	05
11	Shiran Gunawardena	Liyota/ Lions/Yolta	05
12	Paani Dias	Ciciliyan	05
13	Indika Nallaperuma	Parakduwa/Karawita/Palindanuware/Thalgaswala	04
14	Dr. Nishantha Nanayakkara	Ransegoda/ Iththagala/ Vaddagala/ Fairyland	04
15	Bandula Nanayakkara	Etambagahawila/ Naindawa/ Mahesland/Wijaya	04
16	Pradeep Liyanage	Liyonta / Wonvil	04



## Contd: Customers – < 1 Machine- End July 2023

No.	Name (Mr.)	Factories	Machines
17	Priyan De Silva	Ahmad Tea	03
18	Thamara Wanigasekara	Uruwala	03
19	Ruwan Dissanayaka	Deshika	03
20	Anoosh Shabani/Mohammad Seifinejad	Nooshineh Industrial Group – Gilan, Iran	03
21	Piyasoma Jayasinghe	New JSP Tea Factory	03
22	G, Hettiarachchi	Subhagya / New Singhevalley	03
23	Jagath Kaluarachchi	Galahitiya/ Kithulgala	03
24	Geeth / Lalith	Lenama Hills/Galagawa	03
25	Anura Wannige/Thisa Wannige	Nilrich / Nilgiri	03
26	Tea Small Holder Factories PLC- John Keells	New Panawenna/ Neluwa Medagama/Halvitigala	03
27	Jayantha Keragala	Ceylon Tea Marketing (Pvt) Ltd	03
28	Nawarathna Pilapitiya	New Vithanakanda	02
29	Harith Ranasinghe	Thalgampola	02
30	Udeni Liyanage	ACU/ Panawenna	02
31	Sarath Abeykoon	New Sannasgama	02
32	Harendra / Francis Hewakuruppu	Addaraduwa/ Neptune	02

## Contd: Customers – < 1 Machine- End July 2023

No.	Name (Mr.)	Factories	Machines
33	Somathilaka	Mathota/ Thalapolakanda	02
34	Darsha Abeywardene	Rasa/ Danlanda	02
35	Senaka Abeywickrama	Three Times	02
36	Dr. Madugoda	Lakvinka	02
37	J.J. Gunawardana	Gunawardana	02
38	Devan De Mel / Upul Rathnayaka	Berubeula	02
39	Chaminda Jayawardane	Lumbini Tea Factory	02
40	B.V Jayawardane	Geekiyanahena/Nawagamuhena	02
41	Pushpasiri Liyanage	Ingurugala (Value Plantations)	02
42	Kalana Dahanayake	Nilwala Tea Factory	02
43	Jayasena	Ihala Panapitiya Tea Factory	02
44	Aluthge	Pussellawa Plantations (New Rothschild/Pambegama)	02
45	M.R.M Faiz	Watadeniya Tea Factory	02
46	Samantha	Susantha Tea Factory	02
47	Ayesh/Chamal Sirithilaka	Sunrise/Makandura	02
48	Sanjeewa Kumara	Kolonne Tea Factory	02
49	Yasas Wijesekara	Imbulgahagoda	02

# Factory Ranking- End December 2022- Qualifying <20000 Kgs/ Month

No	Factory Name	Owners Name (Mr.) & Contact Number	Rank	Machines
1	Avissawella / Hidellana	Lalith Liyanage- 777741954	02-30	08
2	Lumbini	Chaminda Jayawardana- 714791791	03	02
3	Sunrise	Samantha- 773451884 / 753700700	04	01
4	Gunawardana	Jayantha Gunawardana- 773533433	07	02
5	Berubeula	Devan De Mel- 777721402	09	02
6	Rasa	Samukirana Coop	11	02
7	Fortune	W. Jinadasa- 777906024	13	23
8	ACU	Udeni Liyanage- 777455455	14	01
9	Rotumba	Hiran Gamage- 773117135	15	06
10	Nilrich	Tissa Wannige- 777738691	16	02
11	Lions	Shiran Gunawardana- 777713460	17	05
12	Nilgiri	Anura Wannige- 773454432	19	01
13	Vithanakanda	Nawarathna Pilapitiya- 777936777/ 714736777	21	02
14	Magedara	Rafi- 777920075	22	05
15	Wathurawila	Aruna De Silva- 773088728	23	19
16	Devonia	W. Jinadasa- 777906024	24	23
17	Evergreen	Aruna De Silva- 773088728	26	19
18	Naindawa	Bandula Nanayakkara- 777571462	27	04
19	Lakvinka	Dr. Madugoda- 774187754	28	02

# Contd: Factory Ranking- End December 2022- Qualifying <20000 Kgs/ Mon

No	Factory Name	Owners Name (Mr.) & Contact Number	Rank	Machines
20	Rathna	Wasantha Mohotti- 773615971	30	01
21	Uruwala	Wanigasekara- 773176761	31	03
22	Mahaliyadda	Chamaka Senarathna	32	01
23	Sihara	Sunil- 716857341	33	01
24	Mulatiyana	Mahinda/ Malinda Padmasiri- 768297817/ 773187887	35	01
25	Makandura	Ayesh Sirithilaka- 714950994	37	05
26	Etambagahawila	Bandula Nanayakkara- 777571462	39	04
27	Captain Garden	Isuru Samarasinghe	40	01
28	Karawita	Indika Nallaperuma- 773131531	41	01
29	Falcon	Sam Liyanage- 717703554	43	08
30	Galagawa	Geeth Vellapilli- 777921941	44	01
31	Bogoda	Avantha Rathnayaka- 773171711	45	01
32	Green House	Susil Haputhanthri- 777903968	46	05
33	Halpewatte (UM)	Chamara Abeyrathna- 772649688	01	01
34	New Rothschild (WM)	Janaka Aluthge- 773028374	01	02
35	Craighead (WM)	Chaminda Gunarathna- 777515580	02	10
36	Kataboola (WM)	Chaminda Gunarathna- 777515580	03	10
37	Orange Field (WM)	Sebastian Retty- 779312773	08	01
38	Cooroondoowatte (WM)	Robert Harley- 773018230	11	01
39	Harangalla (WM)	Ranjan Walpola/ Ashokala- 773059476/ 777234119	12	10

# THANK YOU

