



HENNING SAINT

More Intelligent | More Convenient | More Outstanding

Professional Manufacturer of Color Sorter Equipment

Anhui Henning Saint Technology Co., Ltd.

Website: www.henningsaint.com



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Company Profile

Company Profile



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Anhui Henning Saint Technology Co., Ltd. (AHST), established in 2017, is a high-tech company that develops, produces and sells intelligent vision equipment with mature intelligent sorting and packaging system integration solutions. It is mainly engaged in color sorting industry, vision counting industry, packaging industry, etc. AHST has developed on sorting equipment for more than 5 years, which has built wide experience in food, recycling, mining and other fields. At the same time, AHST can provide customized counting, packaging, labeling and other complete solutions according to various customer needs, which are widely used in hardware, fasteners, electronic parts, plastic parts and other industrial, agricultural, pharmaceutical and food fields.

AHST is committed to developing more advanced technology and optimized production processes to ensure stable and high quality output for our customers. AHST provides free sample proofing and life-long technical service. The outstanding quality, advanced technology and professional after-sales service make AHST stand out from other competitors.

AHST is convinced the original intention of "More Intelligent, More Convenient , More Outstanding" to make contribution both for customers and international intelligent industry.

Company Profile



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Headquarters



Workshop



Company Culture



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Company Culture



- Technology Development
- Quality Management
- Customer Service



- Team Cooperation
- Public Integrity
- Excellence



- Professional Sorting
- Cost Saving



- More Intelligent
- More Convenient
- More Outstanding



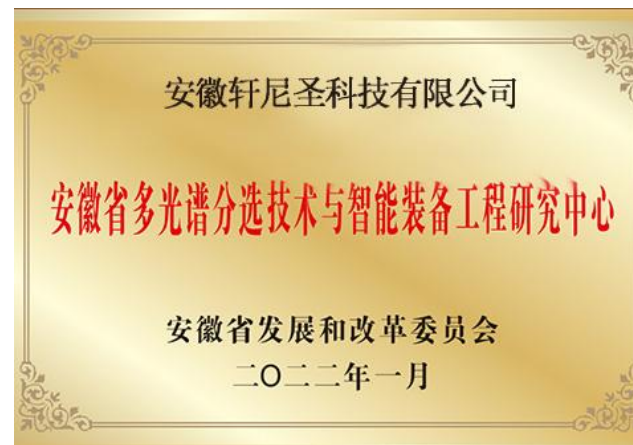
Qualifications & Certificates



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Qualifications & Certificates

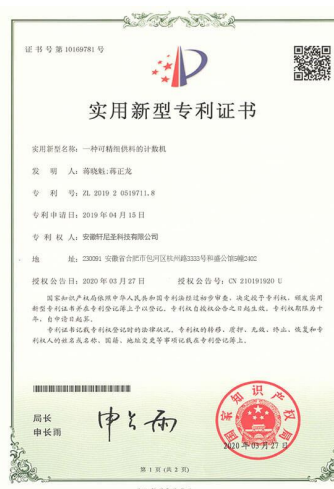
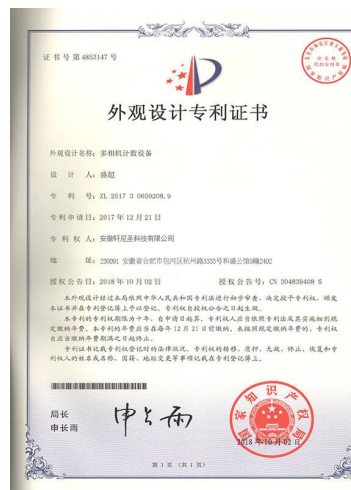
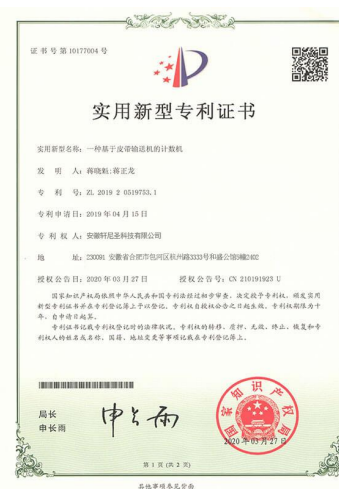
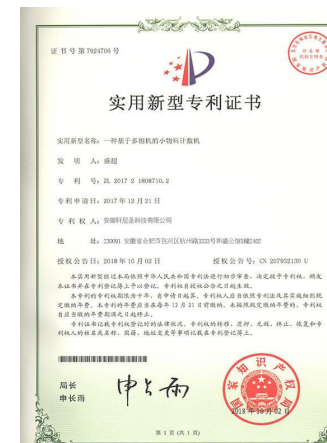
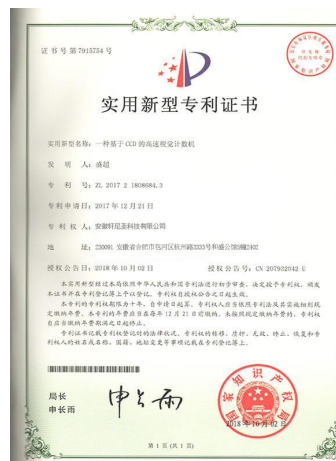
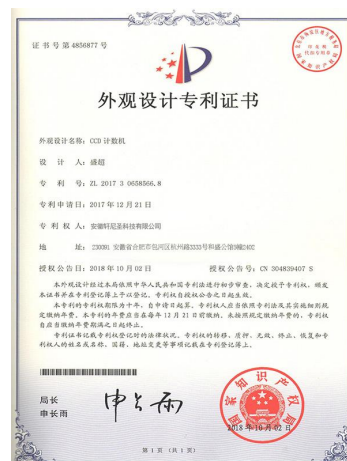




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Qualifications & Certificates





Technical Features

- **Quality Intelligence**
- **Operation & Maintenance Intelligence**
- **Sorting Workflow**
- **Processing Diagram**

Quality Intelligence



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Smart Quality Inspection

- online, automatic, digital and intelligent quality management;
- real time uploading the data to control system;



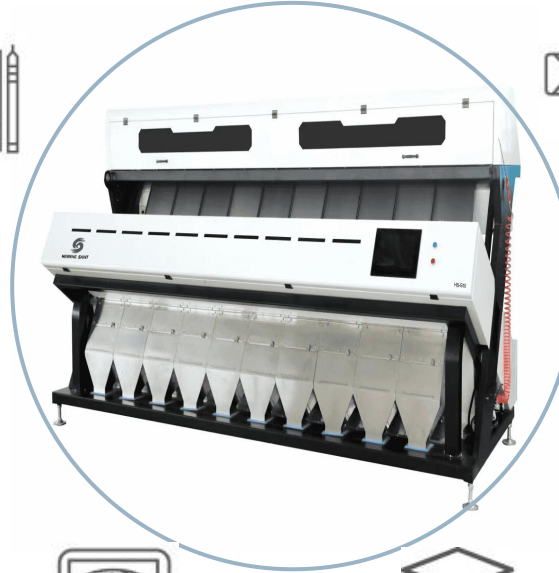
Eagle-eye Recognition Technology

- precisely recognize tiny spot or light impurities that normal CCD color sorter cannot recognize;
- with precise classification and optimized carryover ratio;



Infrared Sorting Technology

- infrared imaging technology;
- identify and distinguish all kinds of nuts and shells of the same color;



Intelligent Shape Sorting

- accurately recognize subtle shape differences;
- shape sorting;

Intelligent Perception

- identifies material fingerprint with intelligent perception function;
- quality sorting perception technology;





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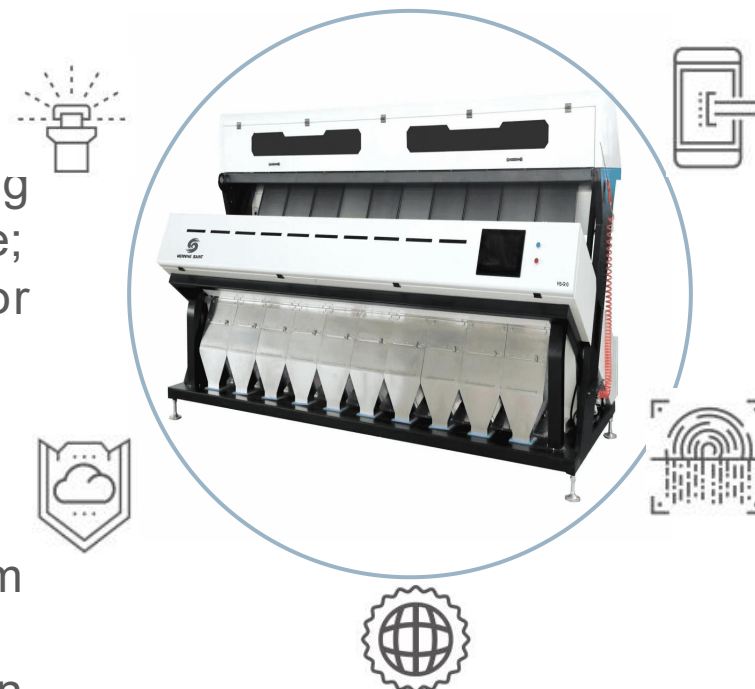
Operation & Maintenance Intelligence

Self Detection System

- real-time monitoring the working status and components in real time;
- constantly monitor and alarm for hardly detectable foreign matters ;

Light Alarm System

- intelligent variable light alarm system;
- exclusive smart cloud guardian ensure all-round guard;



Traceability Management

- build product quality files;
- realize product quality tracking;
- grading management function;

Intelligent Self-cleaning System

- combination of intelligent self-cleaning system with 360-degree stereo suction;
- ventilation system;

Intelligent Input Flow Control

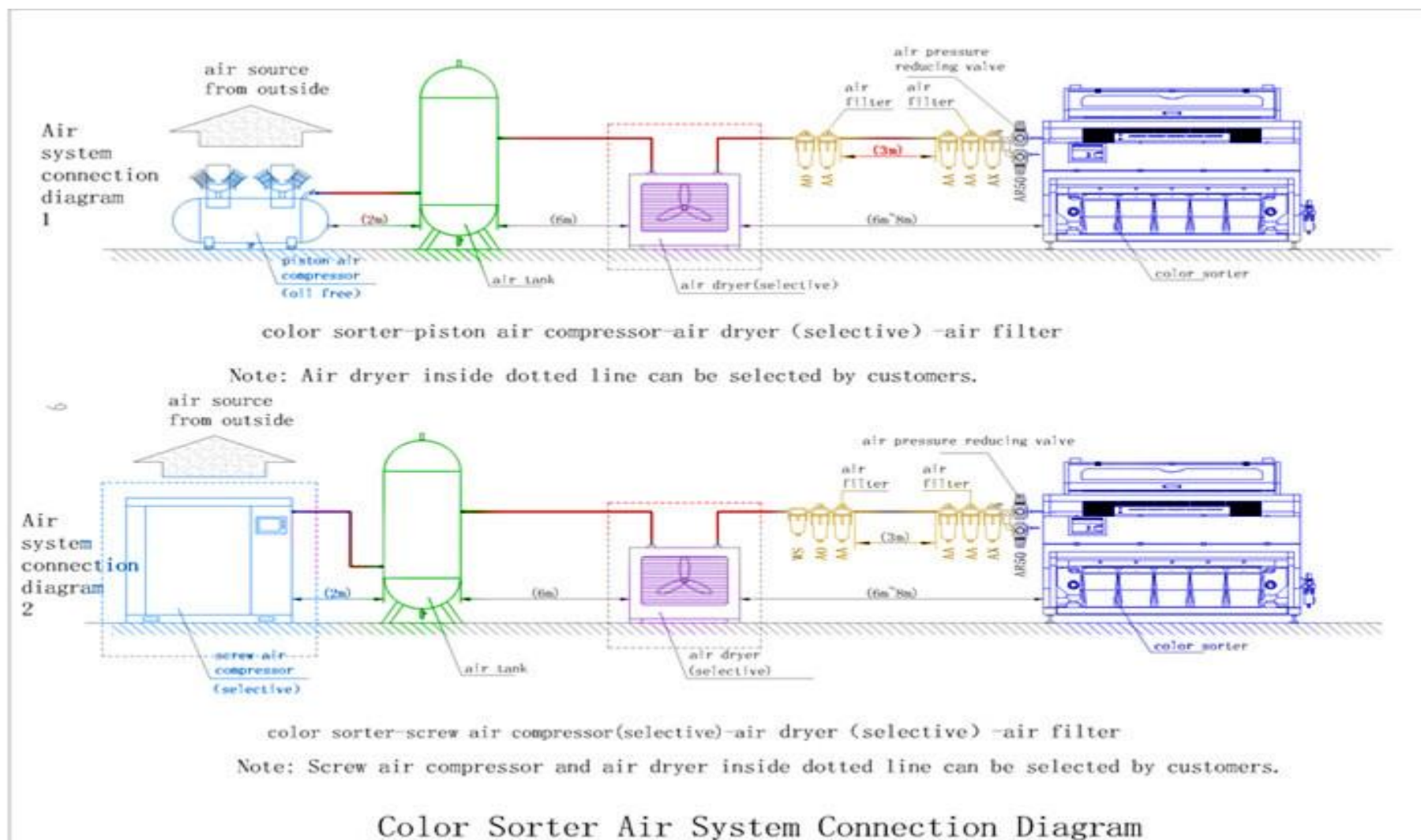
- adjust the input flow of each chute according to production line;
- more flexible in production;



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Sorting Workflow

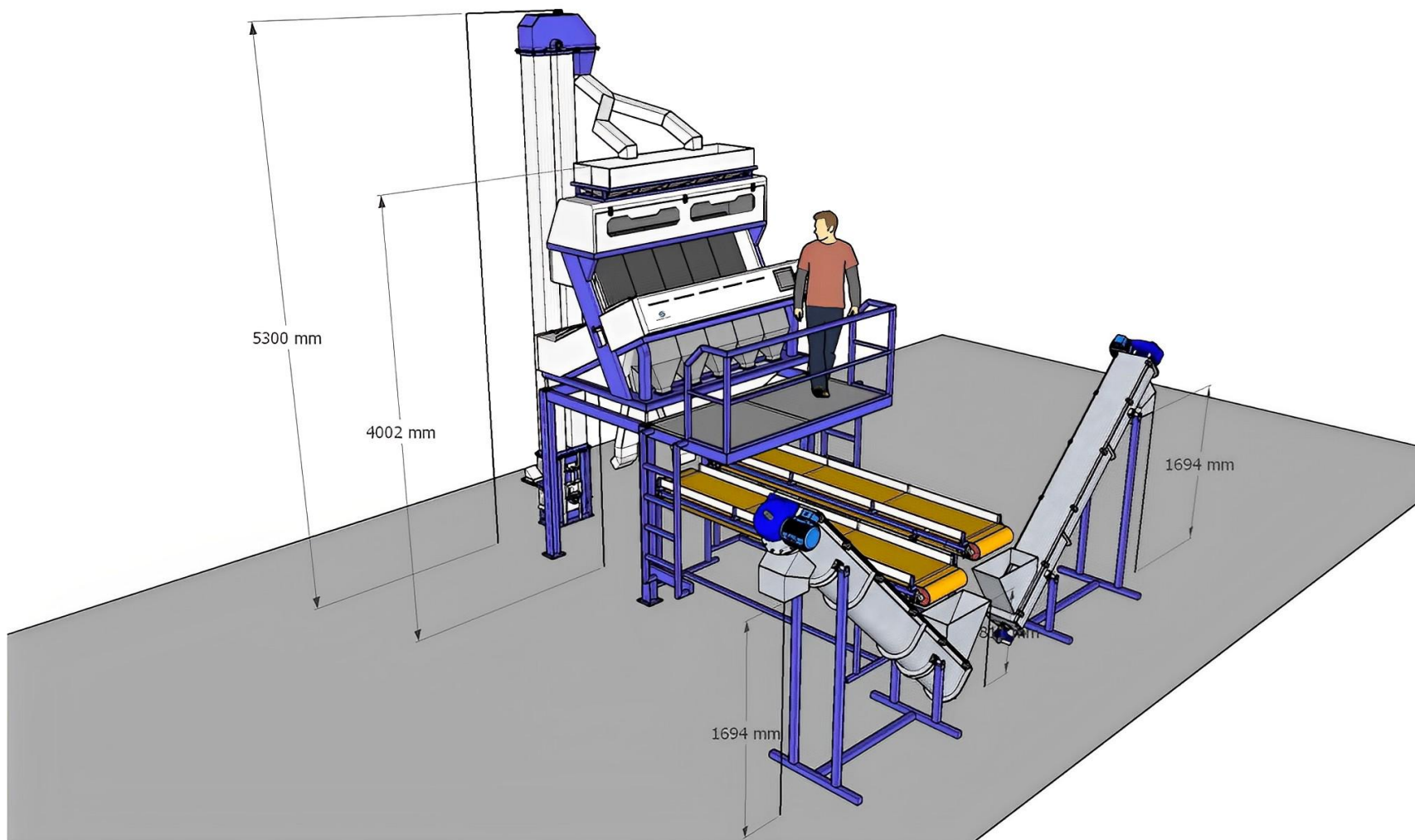




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Processing Diagram

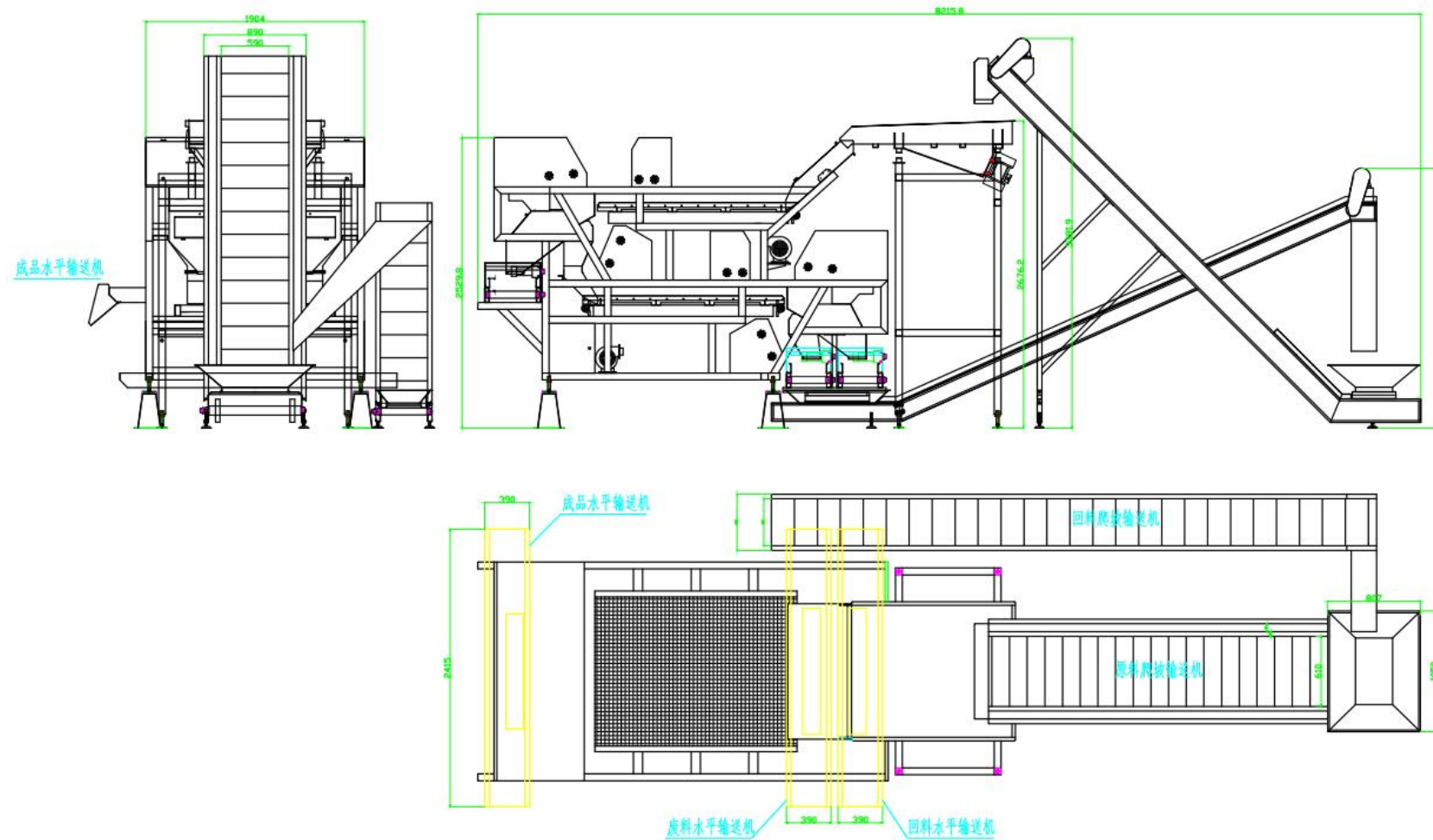


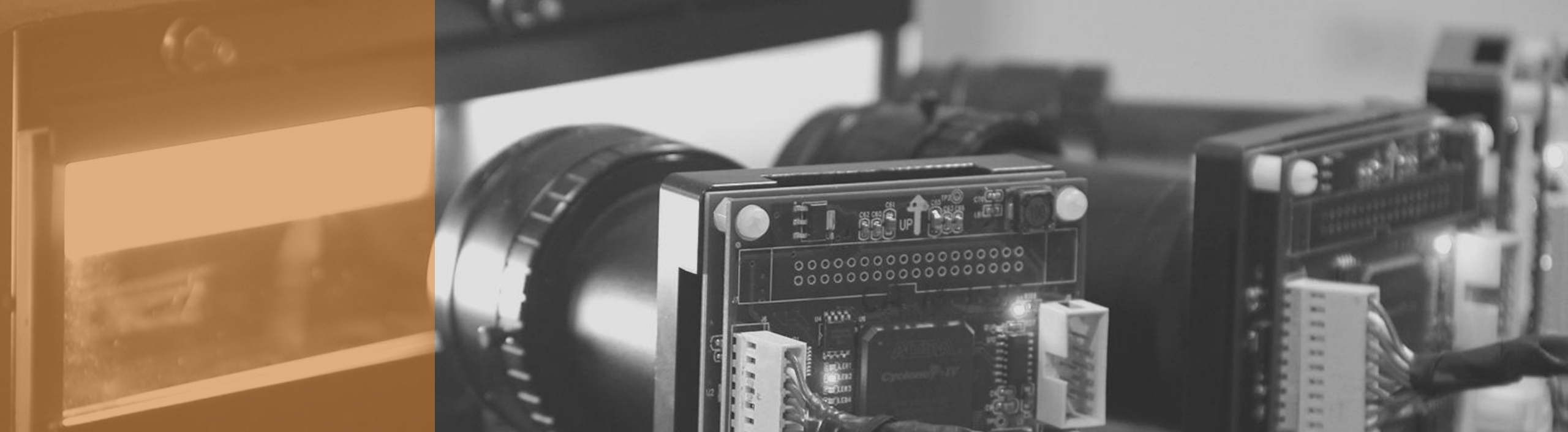


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Processing Diagram





Products Series

- **Rice Color Sorter**
- **Multi-fuction Color Sorter**
- **Infrafed Color Sorter**



➤ Rice Color Sorter



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Sorting Instances



圆米(良品)
Round Rice(Accepted)



黄白同选
Yellow and Chalky Rejected



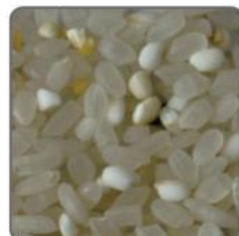
长米(良品)
Long Rice(Accepted)



异色粒
Discolored Rice



糯米(良品)
Sticky Rice(Accepted)



糯米(次品)
Sticky Rice(Rejected)



黑米(良品)
Black Rice(Accepted)



黑米(次品)
Black Rice(Rejected)



糙米(良品)
Brown Rice(Accepted)



糙米选红(良品)
Brown Rice Keep Red (Accepted)



糙米选绿(良品)
Brown Rice Keep Green(Accepted)



糙米(次品)
Brown Rice (Rejected)



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Model & Specification



HS-C
Series

Model	Power (kw)	Power Supply	Dimension LxWxH (mm)	Weight (kg)	Processing Capacity (t/h)
HS-C1	1.0	220V/50HZ	960x1630x2050	210	0.5-2.0
HS-C2	1.4	220V/50HZ	1340x1630x2050	350	1.0-3.0
HS-C3	1.8	220V/50HZ	1610x1630x2050	600	2.0-5.0
HS-C5	2.6	220V/50HZ	2225x1630x2050	880	5.0-8.0
HS-C7	3.5	220V/50HZ	2980x1630x2050	1150	7.0-10.0
HS-C8	3.5	220V/50HZ	3068x1630x2050	1250	8.0-12.0

Note: Subject to different raw materials and different impurities percentage in raw materials, parameters listed in above tables will change to some extent, which are references for you choosing a suitable model.



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Model & Specification



HS-G
Series

Model	Power (kw)	Power Supply	Dimension LxWxH (mm)	Weight (kg)	Processing Capacity (t/h)
HS-G1	2.0	220V/50HZ	960x1760x2100	210	0.8-1.5
HS-G2	2.2	220V/50HZ	1290x1760x2100	450	1.0-3.0
HS-G3	2.5	220V/50HZ	1690x1760x2100	650	2.0-5.0
HS-G5	3.2	220V/50HZ	2290x1760x2100	1200	3.0-8.0
HS-G7	4.8	220V/50HZ	2890x1760x2100	1650	5.0-10.0
HS-G8	5.6	220V/50HZ	3280x1760x2100	1850	6.0-12.0
HS-G10	6.5	220V/50HZ	3880x1760x2100	2300	7.0-16.0

Note: Subject to different raw materials and different impurities percentage in raw materials, parameters listed in above tables will change to some extent, which are references for you choosing a suitable model.



*Henning Saint
Color Sorter*

FOR AGRICULTURE



➤ **Multi-function Color Sorter**



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Multi-function Color Sorter

Application Industries



Nuts



Condiments



Frozen/Dehydrated Fruits & Vegetables



Recycling



Mining



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Sorting Instances





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Sorting Instances





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Sorting Instances





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Model & Specification



HS-VG
Series

Model	Power (kw)	Power Supply	Dimension LxWxH (mm)	Weight (kg)	Processing Capacity (t/h)
HS-VG3	2.5	220V/50HZ	1690x1760x2100	920	2.0-5.0
HS-VG5	3.2	220V/50HZ	2290x1760x2100	1250	3.0-8.0
HS-VG7	4.8	220V/50HZ	2890x1760x2100	1595	5.0-10.0
HS-VG8	5.6	220V/50HZ	3280x1760x2100	1765	6.0-12.0
HS-VG10	6.5	220V/50HZ	3880x1760x2100	2250	7.0-16.0
HS-VG12	5.6	220V/50HZ	4280x1760x2100	2580	9.0-20.0

Note: Subject to different raw materials and different impurities percentage in raw materials, parameters listed in above tables will change to some extent, which are references for you choosing a suitable model.



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Model & Specification



HS-L
Series

Model	Power (kw)	Power Supply	Dimension LxWxH (mm)	Weight (kg)
HSL1-128	4.5	220V/50HZ	4218x1300x1957	600
HSL1-256	3.2	220V/50HZ	4218x1900x1957	1150
HSL2-256	7.5	220V/50HZ	4663x1304x2677	1800
HSL2-512	7.5	220V/50HZ	4663x1904x2677	1800

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Infrared Color Sorter

High speed and accuracy

- Fit for materials with similar colors
- Applied in plastic, nuts, mineral



➤ **Infrared Color Sorter**



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Sorting Instances

Walnut Grade Sorting



1/2 Walnut



1/4 Walnut



1/8 Walnut



Broken Walnut



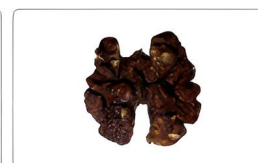
Extra light



Light

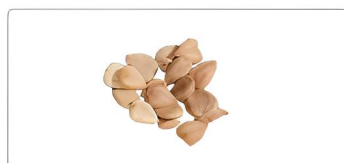


Light Amber



Amber

Almond Sorting



Almond



Almond Shells



Different Color Almond



Moldy Almond



Broken Almond



Almond With Shell



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Sorting Instances

Pistachio Nuts Sorting



Accepts



Yellowing



Blackened



Green Kernel

Macadamia Nuts Sorting



Shell



Kernel

Cashew Nuts Sorting



Broken Cashew Nuts



Different Color Cashew Nuts



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Model & Specification



HS-IG
Series

Model	Power (kw)	Power Supply	Dimension LxWxH (mm)	Weight (kg)	Processing Capacity (t/h)
HS-IG1	2.9	380V/50HZ	1058x1845x1857	600	0.5-1.0
HS-IG2	3.3	380V/50HZ	1396x1845x1857	750	1.0-1.6
HS-IG3	3.7	380V/50HZ	1734x1845x1857	915	1.5-2.4
HS-IG5	5.9	380V/50HZ	2410x1845x1857	1460	2.5-4.0

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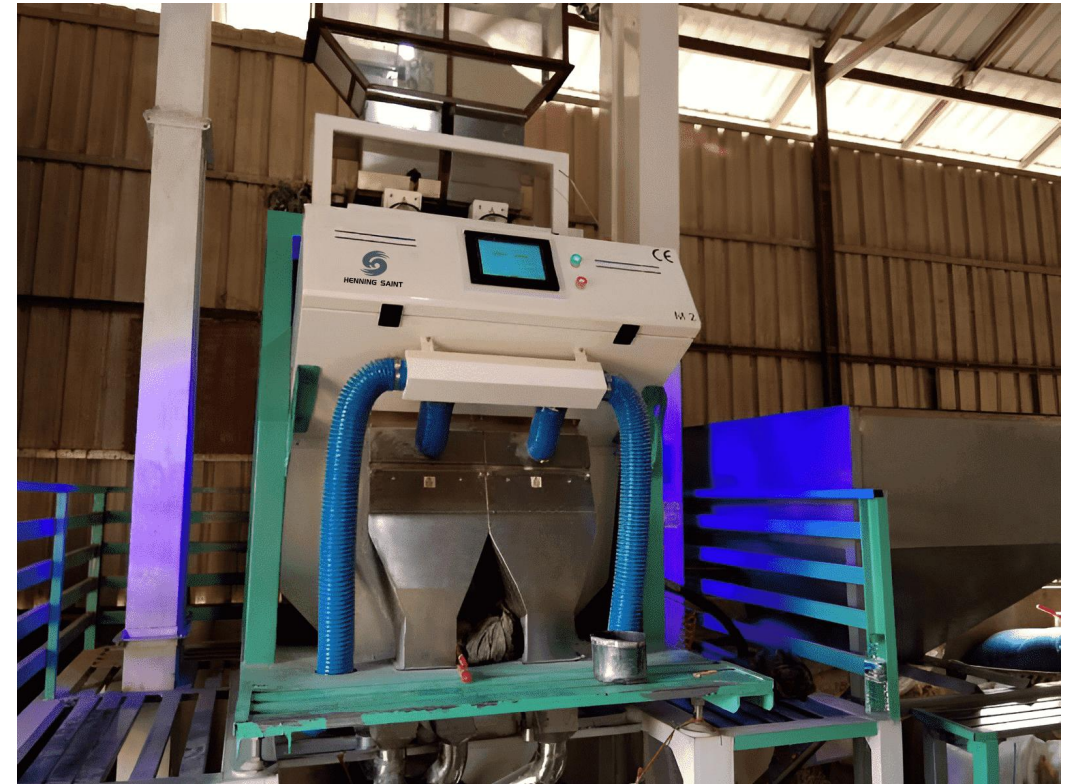
Application Cases



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Application Cases





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Application Cases





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Application Cases



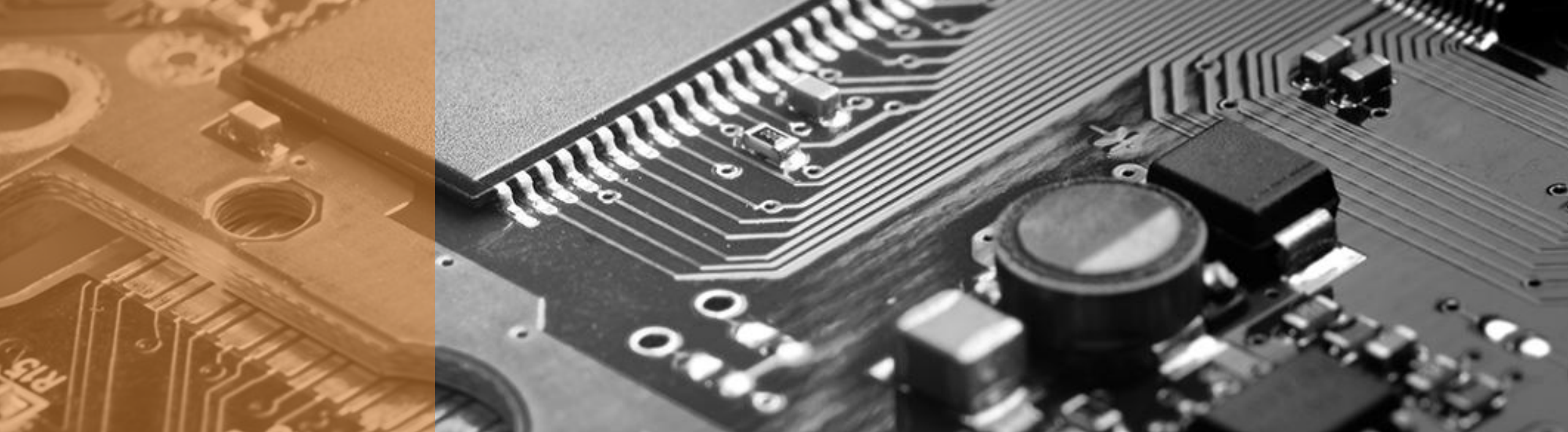


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Application Cases





Customer Service



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Customer Service

Why Choose Us



Reduce
material loss



Save labor
cost



Reliable
packaging
quality



Product packaging
information can be
traced

Service Commitment



- Henning Saint customers will always enjoy the update of the software.
- Henning Saint machine will have one-year's quality warranty (except the consumable parts). A/S team will serve 24 hours.
- For foreign customers, we offer the technical training for customers, and offer 24 hours technical support.



Cooperative Partners

Cooperative Partners

鑫辣小子



江西省储备粮
管理有限公司

ZUCH 珠城



CWB 合兴集团



KST
Future Connection

STANLEY

HNS 浜中松琴工业有限公司
HNM 浜中元川金属制品(昆山)有限公司



中航工业



正耀汽车电器

SBS 拉链

LHE



艾博机器人
ABLE ROBOTICS





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Welcome Your Inquiry & Cooperation

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