Outline drawings

AC-300L
AC-300GRL

164 | 1812 | 164

Product enter

215 | 97 | 208 | 1000

1930 | 105
2140

Side view

1770

Accepted material exit
Rejected material exit

31 | 69 | 202 | 89 | 591
1000

AC-200L
AC-200GRL

151 | 1188 | 151

Product enter

190 | 150 | 130 | 410 | 410 | 410 | 130 | 215 | 97 | 208 | 100

1280 | 105
1490

AC-100L
AC-100GRL

169.5 | 513 | 169.5

Product enter

190 | 150 | 146 | 280 | 280 | 146 | 215 | 97

642 | 105
852
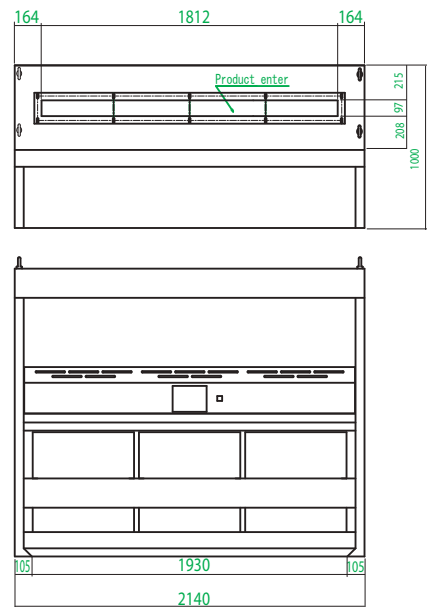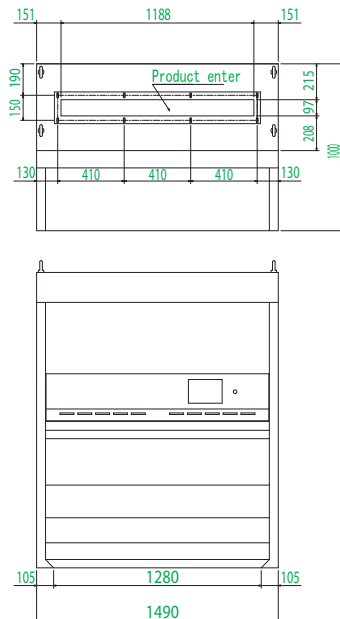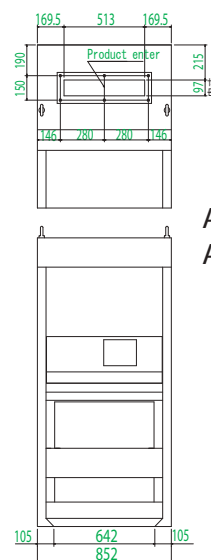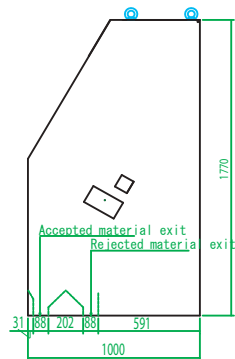
【Specification】

Model	AC-100L	AC-100GRL	AC-200L	AC-200GRL	AC-300L	AC-300GRL
Channel	100ch (Secondarily sort setting is option)		200ch (Secondarily sort setting is option)		300ch (Secondarily sort setting is option)	
Main power	200V 10A	200V 12A	200V 20A	200V 25A	200V 25A	200V 30A
Dimensions	(W) 852mm x (D) 1000mm x (H) 1770mm		(W) 1490mm x (D) 1000mm x (H) 1770mm		(W) 2140mm x (D) 1000mm x (H) 1770mm	
Weight	380kg.	400kg.	650kg.	680kg.	1000kg	1050kg
Maximum throughput	8t/h		16t/h		24t/h	
Compressor capacity	2.2kw ～ 7.5kw		5.5kw ～ 15kw		7.5kw ～ 22kw	
Dust cleaner capacity	0.4kw ～ 0.75kw		0.75kw ～ 1.5kw		1.5kw ～ 3.7kw	
Main use	White rice, Wheat, Buckwheat, Sesame etc.					

※ Air compressor, air drier and dust cleaner are optional parts.
※ Air compressor capacity and dust cleaner capacity will change depends on materilas.
※ Process capacity changes with the condition of materials and sorting.
※ Improvement may be made and specifications may change without notice.

Quality Control Sorting Machine

Active Color

Quality Control Sorting Machine with foreign substance reject function loading

Active Color-GR

AC-100L · 100GRL / AC-200L · AC-200GRL

AC-300L · AC-300GRL

LAVISH PERFORMANCE

MODEL AC-200L

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active GROUP

Compilation of Active Group with wealth of skills

Point 1

Product accuracy and yield increased

New type chute / New type ejector / New type sensor

Point 2

Many functions loading

Gradually start function / Auto wave adjustment / Feeder sensor /
Auto-reject function / AIS function / Magnet for metal removal /
10 mode memory function

Point 3

Environmentally Conscious Design

LED display
Stainless steel construction (parts contact with grain)

New type chute

The length of rice is 5mm on an average,therefore sometimes rice flew sideways at 9mm chute. Now new model 4.5mm chute, rice flows only lengthways. It aligns each grain and flows faster more than before.
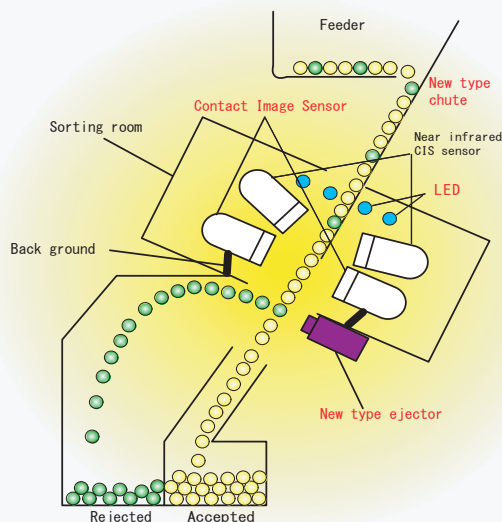
Previous type → New type

Contact Image Sensor

【Structure of Sorting Machine】

Feeder
New type chute
Contact Image Sensor
Near infrared CIS sensor
Sorting room
LED
Back ground
New type ejector
Rejected Accepted

The CMOS camera technology accumulated with the digital camera was applied,and low electric power and high speed improvement were realized.

Super compact size CIS(Contact Image Sensor)loading!

It contributes to the monitor performance, saving space and multichannel.

By the good-light design by original technology,the grain surface is uniformly illuminated on real time.

The difference between our new sensor and CCD line sensor is read the information as Animation processing and processed the digital signal by high speed,however CCD camera is read as photograph which is high-speed top sending.Therefore our new sensor can correspond flow widely which doesn't have to set the flow by sensor.

Color grain sorting will sort out the small black spot without overlooking.Also at chalky sorting,Preeminent sorting capability and performance can be demonstrated without dropping the amount of flow.It is possible to correspond the sorting material which mixing rate is about 50% at throughput

【Memory function】

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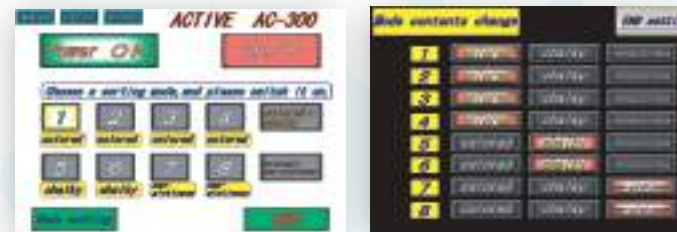
It became possible to memorize from the 5 modes to the 10 modes.

【AIS function】

AIS(Auto Individual Sensitivity) function

The sensor has been set up at every channel to sort surely. Our new model sensor can improve sorting accuracy more certainly.

Automatic one-touch adjustment performs optimal environmental setup. It can be performed easily also at operators.

Before sorting, if setup of counting rate is inputted it performed automatic sensitivity setup and automatic sensitivity collection during operation.

【Ejector self-check function】

Ejector self-check became possible to operate exactly and total ejector counting function is also loading.

Ejector self-check function loading.

Energy saving LED display

Multi color LED display makes it possibe to sort a wider range of grains

- Stable at low temperatures
- Semipermanent Reduced running costs
- Environmentally friendly

Light Emitting Diode

Bright

Sorting Sample

Sorting of White rice
- Accepted
- Rejected
- Chalky

Sorting of Brown rice
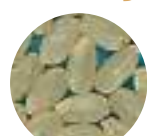- Accepted
- Rejected

Sorting of Sesame
- Accepted
- Rejected

Foreign Substance
- Glasses,stones etc.