

Creating the Future
SATAKE

Multi Purpose Belt Type Optical Soter



CSV600BI



CSV600BI

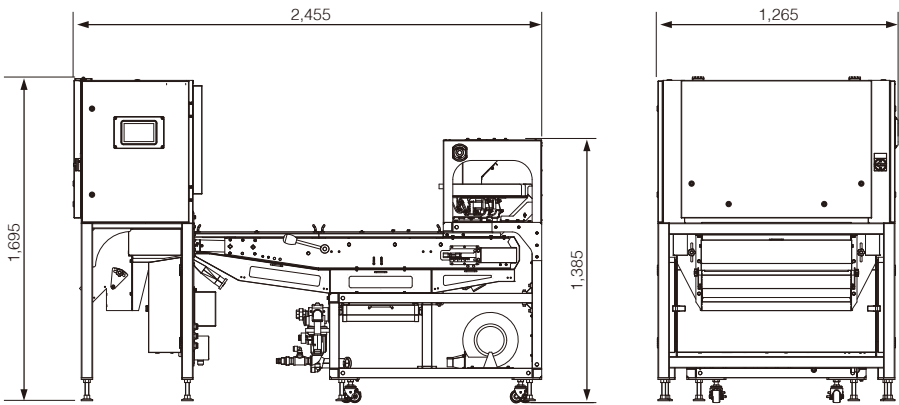
SATAKE CORPORATION

Specifications

Model		CSV600BI
Subject Material *1		Beans,Seed,Nuts,Food(Snacks),Industrial Products(Recycled Plastic)
Maximum Capacity *2 (t/h)		Soybean: 6.0
Power Supply (V)		Shingle Phase AC200 - 240
Air Consumption (N ℓ /min)		1000 - 1500
Raw Material Supply		Feeder
Belt	Material	Polyurethane (for food use)
	Dimension of Belt Conveyor (mm)	Width: 650 Length: 1,680
Optical Element	Camera	Full Color CCD x 4
	Light Source	White LED
Sorting Section	Nozzle Pitch (mm)	5
Cleaning Device		Wiper,Sweeper
Control Panel		Full Color Touch Panel
Net Weight (kg)		about 1,000

*1 Sorting is unable depending on aspect of material.
*2 Sorting performance varies depending on variety and contamination of material.

Dimensions(mm)



All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.

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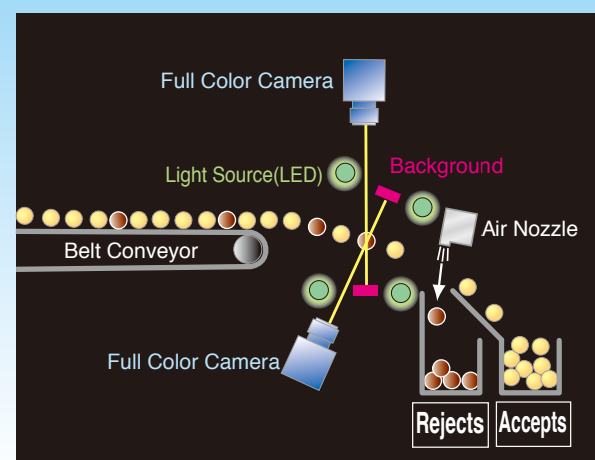
SATAKE CORPORATION has
obtained ISO 9001 and ISO
14001 certification.
These international standards
for management systems
ensure Satake will continue to
provide high quality products
and services.

ISO 9001 Certification
(Quality Management Systems)
ISO 14001 Certification
(Environmental Management Systems)

CSV600BI

Shape Sorting and Sensitivity Creation System

Full Color Camera and Stable Belt Conveying



Recognize the Shape

Recognizes and ejects the object based on shapes.



The new feature, Shape Sorting, enables the machine to sort the material by shape (such as broken or adhered) which the conventional color sorters could not achieve.

Easy Sort Setting in Different Materials

Satake's own automatic sensitivity creation system allows the users to adjust the sort setting easily in every material.



Scan the accepts image with full color camera.



Scan the rejects image.



Press the button to create the sensitivity by which the machine distinguishes accepts and rejects.

**AUTOMATIC
SENSITIVITY
CREATION**

The belt stably and uniformly conveys the materials to assure high sorting accuracy. The improved LED lightning enables the sensors to capture the slightest color differences. Defective products are ejected from the product stream by air. Feeding and discharging section are made of stainless steel for higher hygiene standards.

Sort Various Materials

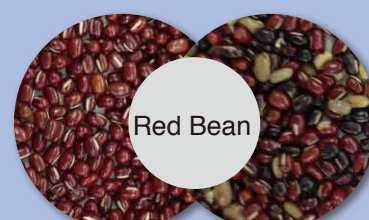
The machine can sort light materials by slowing down the belt speed.



Accepts Rejects



Accepts Rejects



Accepts Rejects



Accepts Rejects



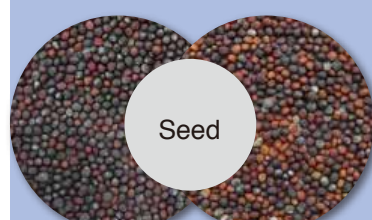
Accepts Rejects



Accepts Rejects



Accepts Rejects



Accepts Rejects



Accepts Rejects

Usability

Lightly Operating Touch Panel



Screen can be operated with the same actions as smartphones. Excellent visual screen design provides user-friendly operation.

Maintenance

Hygienic Body



The machine body is a dividable structure for easy cleaning and maintenance. Belt conveyor is easy to remove.

Economy

Long Lifetime LED Lightning



LED lightning is applied for optical section. It's lifetime is ten times longer compared with our existing fluorescent lamps.

Parts Names

