

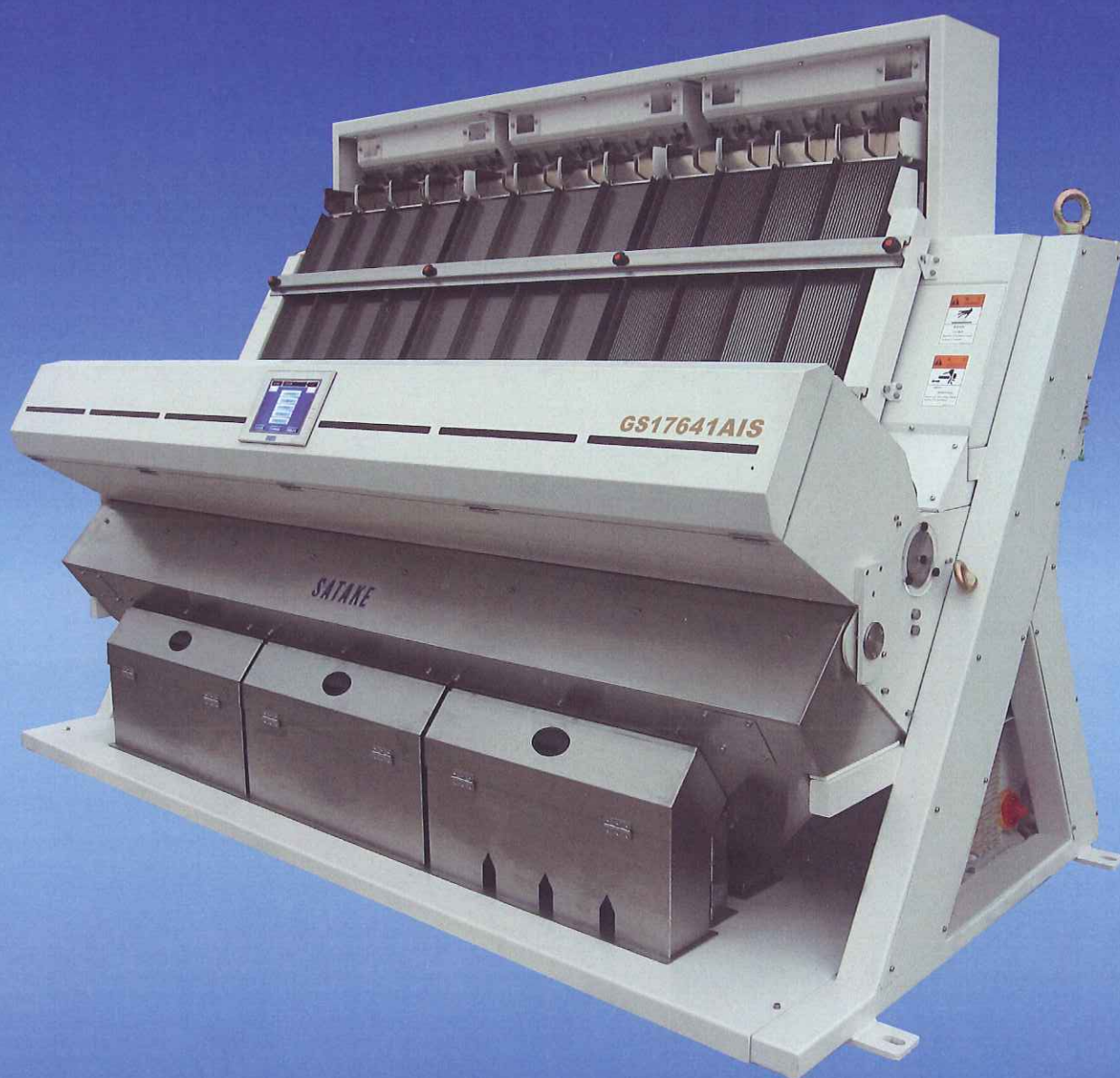
Creating the Future

**SATAKE**

Simple Operation / Stable Performance

# GRAIN COLOR SORTER

**GS17641AIS**



**SATAKE CORPORATION**

### 1) High Capacity, Color Touch Panel

The machine has 12 1764mm chutes which can process up to 20 tons of material per hour. A color touch panel provides easy operation and maintenance.

### 2) Stable

This model boasts an automatic calibration feature. When the fluorescent lamps become dark or the material condition changes, the CPU automatically recalibrates the signal readouts. Precise sorting performance is maintained for longer periods without the need for intensive adjustment by an operator.

### 3) User Friendly

The new software comes pre programmed. Operation has been made much simpler, eliminating uneven sorting performance due to human error. The Optical Sorter achieves remarkable performance on the parboiled rice sorting, as the new software is equipped with a feature to detect pale yellow.

### 4) Durable

The front and rear optical sections and the power unit are individually modulated, isolated and sealed. They are impervious to dust and bran, and dissipate waste heat to other parts of the equipment.

### 5) Flexible

The allocation of chutes for primary and secondary sorting is selectable. When defect contamination is high and a lot of primary reject is expected, the chute proportion can be changed on site in less than 30 minutes.

### 6) Easy Maintained

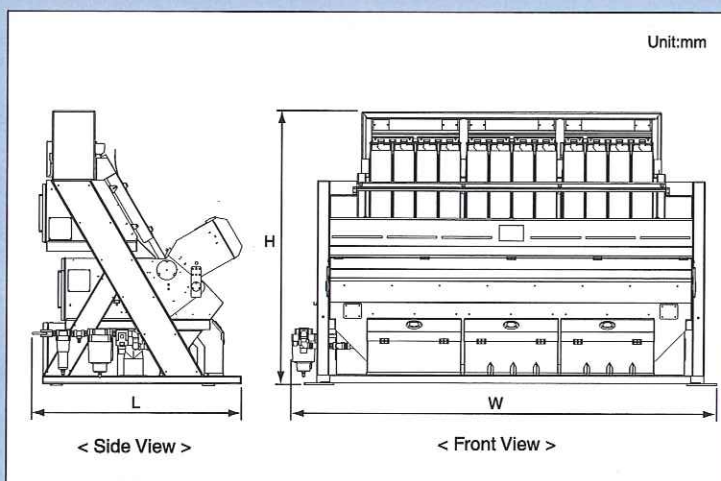
The modulated front optical section can be withdrawn for easy maintenance and quick replacement of fluorescent lamps.

## GRAIN COLOR SORTER

### Specifications

Model		GS17641AIS
Power Requirement	Max	4.3kW
	Rated	3.8kW
Air Pressure		0.5MPa
Air Consumption		1600 - 3500 NI
Maximum Throughput (Milled rice with less than 1%contamination)	Short Grain	18 - 20 t/H
	Long Grain	14 - 16 t/H
Channel Proportion	Standard	210 : 42
	Optional 1 (Primary : Secondary)	189 : 63
	Optional 2 (Primary : Secondary : Tertiary)	168 : 42 : 42
Number of CCD Camera		24 units

### Dimensions



Model	W(mm)	L(mm)	H(mm)	Net Weight (kg)
GS17641AIS	2,854	1,333	1,822	1,250

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)