

# Rice Seed Sorter

**TIGER**  
Kawashima

**STS-600**

- Rough sorting
- Wind sorting
- **Grain size** sorting

## Design allows for easy disassembly and cleaning

Parts can be removed easily, making it easy to clean the unit in preparation for another variety of rice seed.



Rough sorting part

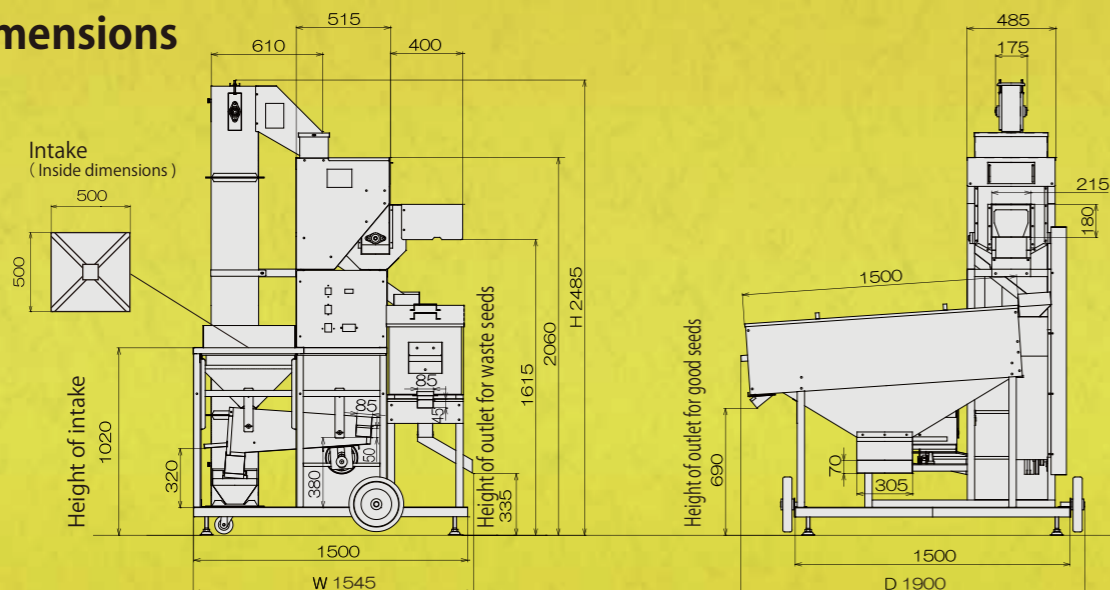


Wind sorting part



Grain size sorting part

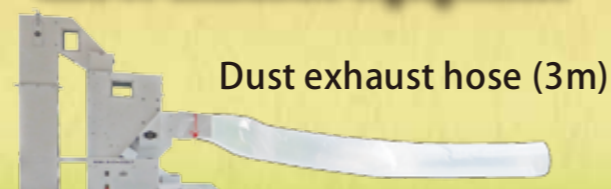
## ■ Dimensions



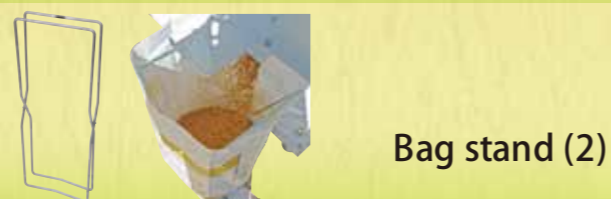
Name	Rice Seed Sorter
Model	STS-600
Processed object	Rice seed (Dry seed)
Body dimensions	1900×1545×2485 mm
Height of intake	1020 mm
Height of outlet for good seeds	690 mm
Height of outlet for waste seeds	335 mm
Maximum throughput	500 ~ 600 kg/h*
Power supply / Motor output	Single phase 220 V / 750 W
Body weight	300 kg
Safety features	Short circuit breaker, thermal relay
Attachments	Dust exhaust hose x1, bag stand x2
Movable device	4 wheel casters

\*Varies slightly according to the type of rice seed.

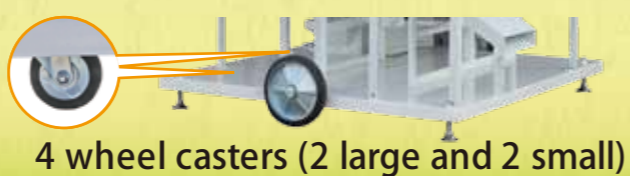
## List of attached equipment



Dust exhaust hose (3m)



Bag stand (2)



4 wheel casters (2 large and 2 small)

**Rice cultivation is optimized by using large, high-quality rice seeds.**

- Designed, developed and manufactured by Japanese maker.
- High-performance foreign material removal function.
- High-precision rice seed sorting function.
- Simple disassembly and cleaning design.

## Testing conducted in collaboration with Sakon Nakhorn Seed Center



TIGER KAWASHIMA (THAILAND) CO., LTD.

789/69 Pinthong Industrial Estate Moo 1, Tambol Nongkham, Amphur Sriracha, Chonburi 20230

Tel : 038-348378-9

F11052019

# STS-600 achieves high-performance foreign material removal and accurate sorting.

## ② Wind sorting



Removes light debris such as rice husks and straw.



Light waste

## ① Rough sorting



Two types of sorting mesh remove large debris such as straw and insects.



Large waste

## ③ Grain size sorting



A rotating sorting mesh removes smaller rice grains, hulled rice, and small plant seeds.

### Width of sorting mesh

0.00 (Non-selection mesh)  
1.60, 1.70, 1.75, 1.80, 1.85, 1.90  
1.95, 2.00, 2.05, 2.10, 2.15, 2.20

\*Please ask for information about other mesh sizes.



Small rice seed

After sorting



Large rice seed

Selects large-grained, good-quality seed rice.

## Germination comparison according to seed size.

When large and small seeds sorted according to grain size are allowed to germinate, significant differences appear.

Small grains ❌

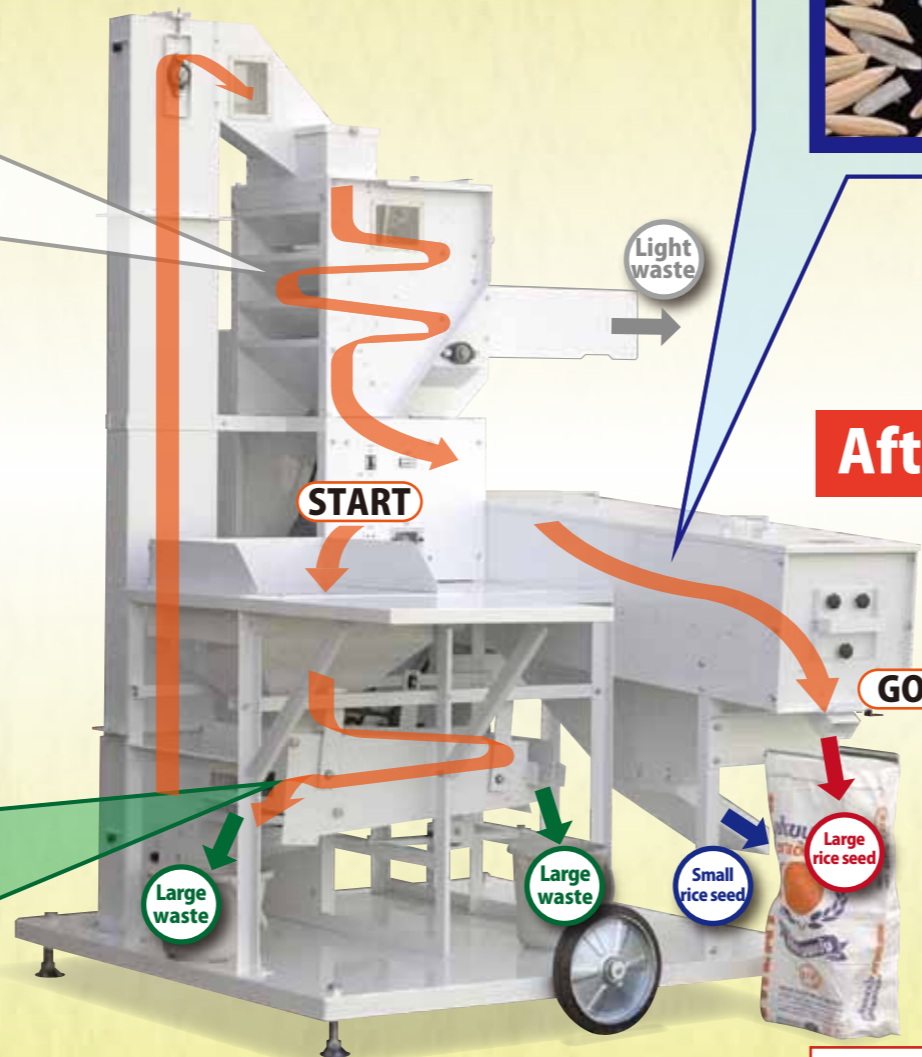


Germination occurs but plants are subject to mold and disease.

Large grains ✅



Germination and rooting are robust and growth is excellent.



Before sorting



## Grain size distribution before and after sorting

