

Grain Separation according to Length

# LENGTH GRADER

LRG102NFA-T / LRG204NFA-T / 204NFB-T / 306NFA-T / 306NFB-T



LRG306NFA-T

The Satake Length Grader uses an indented cylinder to separate one or two kinds of broken or shorter grains from whole grain by length. Length graders are indispensable for producing high quality products in rice milling and seed cleaning plants, since the broken or shorter grains that are more than half the length of whole grain are difficult to separate through sieving or thickness / width grading.

The grains which are longer in length drop out of the indents before they reach the catch trough. The grains which remain in the indents are thrown into the catch trough.

1. Easy assembly and disassembly operations are ensured through its compact design, a light body and its simple construction.
2. The transition pipes are equipped with sampling outlets so that grain can be sampled at each stage.
3. The degrees of separation of grain can be observed through the inspection windows.
4. Various types of screens of different configuration are available for separating various types of grains.

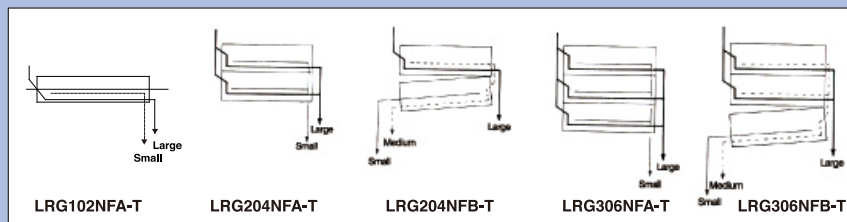
## LENGTH GRADER

### Specifications

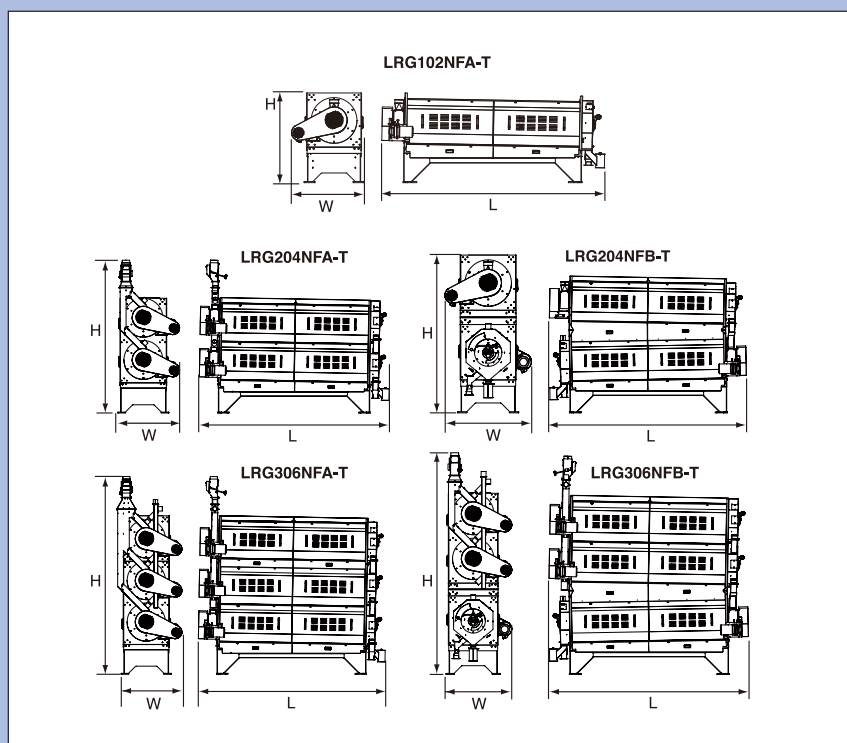
Model		LRG102NFA-T	LRG204NFA-T	LRG204NFB-T	LRG306NFA-T	LRG306NFB-T
Capacity* (t/hr)	White Rice	1.0 ~ 1.5	2.0 ~ 3.0	1.0 ~ 1.5	3.0 ~ 4.5	2.0 ~ 3.0
Motor (kW)		0.75 × 1	0.75 × 2		0.75 × 3	

\* Capacity is dependent on the materials and the separating conditions.

### Flow Diagram



### Dimensions



Model	W(mm)	L(mm)	H(mm)	Net Weight (kg)
LRG102NFA-T	1068	3245	1308	190
LRG204NFA-T	1057	3247	2613	380
LRG204NFB-T	1240	3250	2257	380
LRG306NFA-T	1137	3247	3436	438
LRG306NFB-T	1057	3250	3560	438

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