Creating the Future
SATAKE

Grain Separation according to Length

LENGTH GRADER

LRG204FA / LRG204FB / LRG306FA / LRG306FB

LRG306FB

SATAKE CORPORATION

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. Lower maintenance is ensured through the use of direct-coupled motors rather than belt or chain drive systems.

5. More than 10 types of screens of different configuration are available for separating various types of grains.

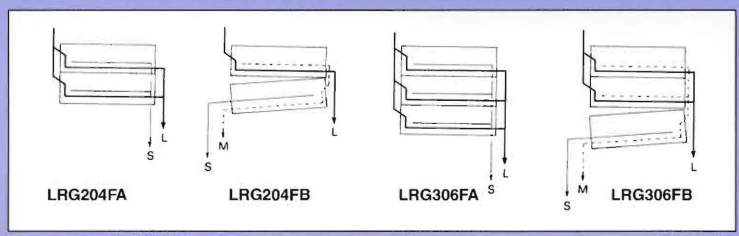
LENGTH GRADER

Specifications

Model		LRG204FA	LRG204FB	LRG306FA	LRG306FB
Capacity* (t/hr)	Paddy	1.4	0.7	2.0	1.4
	Milled Rice	2.0	1.0	3.0	2.0
Motor (kW)		0.4×2		0.4×3	

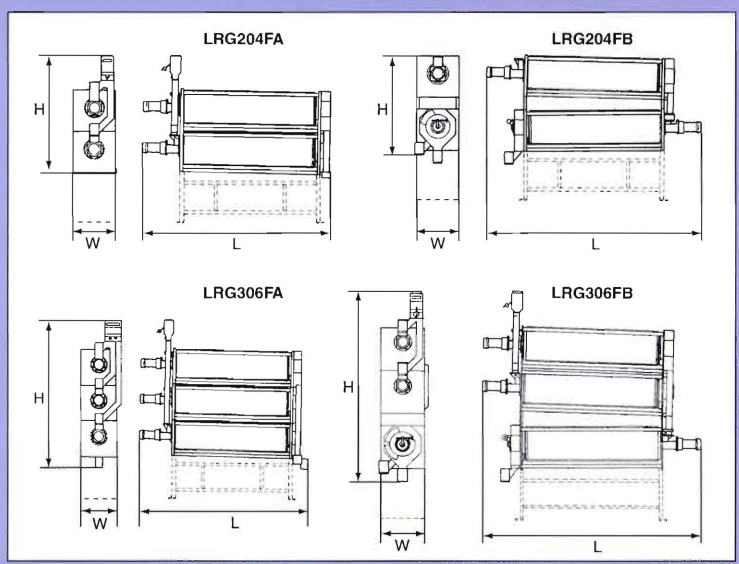
* Capacity is dependent on the materials and the separating conditions.

Flow Diagram



LRG204FA LRG204FB LRG306FA LRG306FB

Dimensions



Model	W(mm)	L(mm)	H(mm)	Net Weight (kg)
LRG204FA	689	2,777	1,654	380
LRG204FB	644	2,971	1,464	380
LRG306FA	689	2,777	2,573	560
LRG306FB	667	2,971	2,669	560

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)

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