

Grain Separation according to Length

# LENGTH GRADER

LRG204FA / LRG204FB / LRG306FA / LRG306FB



LRG306FB

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.

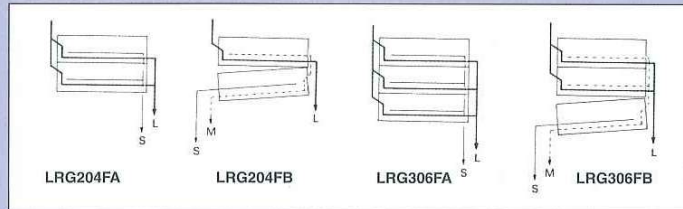
## LENGTH GRADER

### Specifications

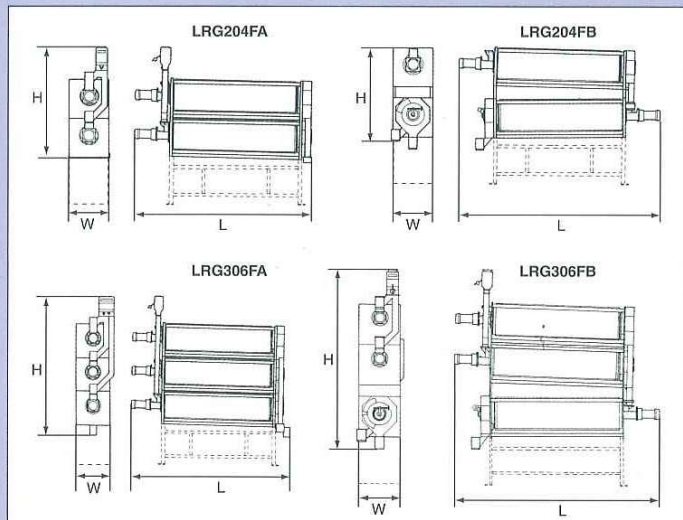
Model		LRG204FA	LRG204FB	LRG306FA	LRG306FB
Capacity* (t/hr)	Paddy	1.4	0.7	2.0	1.4
	Milled Rice	2.0	1.0	3.0	2.0
Motor (kW)		0.4×2		0.4×3	

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

### Flow Diagram



### 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.

SATAKE CORPORATION is registered with ISO9001 standards for quality management systems and ISO14001 standards for environmental management systems.



## SATAKE CORPORATION

### Head Office

2-30, Saijo-Nishihonmachi, Higashi-Hiroshima, 739-8602, Japan  
Tel : +81-82-420-8560/8539  
Fax : +81-82-420-0865  
e-mail : kg-hiroshima@satake-japan.co.jp  
URL : www.satake-japan.co.jp

### UK Division

P.O. Box 53, Bredbury, Stockport, Cheshire, SK6 2FG, England  
Tel : +44-161-406-3800  
Fax : +44-161-406-3801  
e-mail : sales@satake.co.uk  
URL : www.satake.co.uk

### Yangon Office

No.32, Pyay Road, Hlaing Township, Yangon Myanmar  
Tel : +95-1-525077  
Fax : +95-1-512742  
e-mail : ygsatake@mptmail.net.mm

### Beijing Office

Yu Yang Hotel, Room 920, Xin Yuan Xi Li Street, Chao Yang District, Beijing, 100027, People's Republic of China  
Tel : +86-10-8454-0146  
Fax : +86-10-8454-0145

### SATAKE USA INC.

10905 Cash Road, Stafford, Texas 77477 U.S.A.  
Tel : +1-281-276-3600  
Fax : +1-281-494-1375  
e-mail : rice@satake-usa.com  
URL : www.satake-usa.com

### SATAKE (CANADA) INC.

2550 Argenta Road, Suite 119 Mississauga, Ontario L5N 5R1 Canada  
Tel : +1-905-858-0791  
Fax : +1-905-858-0957

### SATAKE AMERICA LATINA LTDA.

Rua Xavantes, 155-Bairro Atradores, CEP 89203-210, Joinville, Santa Catarina, Brazil  
Tel : +55-47-438-0413  
Fax : +55-47-438-7932  
e-mail : ricardo@satake.com.br

### SATAKE INDIA ENGINEERING PVT. LTD.

4th Floor, Tower-1, HB Twin Towers, A2, 3, 4-Netaji Subhash Place, Wazirpur District Centre, New Delhi, 110034, India  
Tel : +91-11-41472626  
Fax : +91-11-41472624

### SATAKE (THAILAND) CO., LTD.

133 Moo 5, Bangkok Industrial Park Tivanon Road, Patumthani 12000 Thailand  
Tel : +66-2-501-1180  
Fax : +66-2-501-1188  
e-mail : sataketh@asia.com

### SATAKE INTERNATIONAL BANGKOK CO., LTD.

888/152 Mahatun Plaza Bld. 15th Floor Ploenchit Rd., Lumpini Pathumwan Bangkok 10330, THAILAND  
Tel : +66-2-651-5845  
Fax : +66-2-651-5848  
e-mail : sataketh@asia.com

### SATAKE MANUFACTURING (SUZHOU) CO., LTD.

Jin Feng Road, Suzhou New District, Suzhou City, Jiangsu Province P.R.China  
Tel : +86-512-6536-8225  
Fax : +86-512-6536-3004  
URL : www.satake-suzhou.com.cn

### SATAKE AUSTRALIA PTY. LTD.

23-25 Marigold Street, Revesby, NSW 2212 Australia  
Tel : +61-2-9774-1155  
Fax : +61-2-9774-1248  
e-mail : sataus@ozemail.com.au  
URL : www.satake.com.au

