

Gravity Selector for Various Applications

GRAVITY SELECTOR

SGA5A-T/10A-T/15A-T



SGA10A-T
(with Secondary Sorter)

SATAKE CORPORATION

GRAVITY SELECTOR

The Satake Gravity Selector SGA concentrates impurities for more efficient separation by subsequent machines.

It can be used for the various grains such as rice, wheat, rye, barley and others, by selection of appropriate screens.

It separates the material into four groups by density:

- 1) Stones and other heavy impurities.
- 2) Whole clean grain.
- 3) Low density and damaged kernels with light impurities.
- 4) Dust.

FEATURES:

1. Very Low Maintenance:

Heavy-duty construction, permanent lubrication, and easy access to sieves for cleaning or replacement result in very low maintenance.

2. Compact Design:

The Satake Gravity Selector is a compact unit and requires less installation space. The vibratory drive eliminates the need for any pulleys, belts, eccentric bearings etc.

Specifications

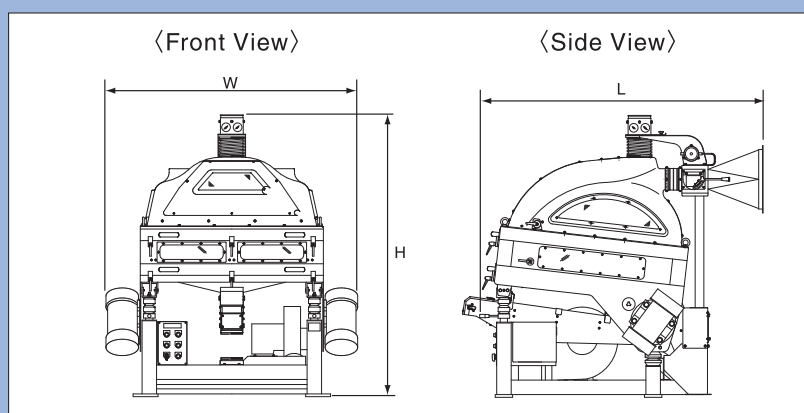
Model		SGA5A-T	SGA10A-T	SGA15A-T
Type		Open Circuit		
Capacity (t/h)	Paddy	3	7	10
	Brown Rice	5	7	12
	Wheat	6~9	9~18	18~30
Required Motor (kW)		2.2	2.7	2.7
Air Volume (m³/min.)	Paddy,Brown Rice	80~90	120~140	180~210
	Wheat	80~90	160~170	190~210
Static Pressure (kPa)		-0.7	-0.7	-0.7

Material Condition

Material	Moisture Content(%)	Bulk Density(t/m ³)
Paddy	Below 15	0.50~0.60
Brown Rice	Below 15	0.75~0.80
Wheat	Below 15	0.72~0.85

*Capacities are dependent on material characteristics.

Dimensions



Model	W (mm)	L (mm)	H (mm)	Net Weight (kg)
SGA5A-T	1,225	1,955	1,979	620
SGA10A-T	1,754	1,955	1,946	750
SGA15A-T	2,440	2,074	2,179	1,030

*Dimension with secondary sorting device

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

Head Office
2-30 Saijo Nishihonmachi,
Higashi-Hiroshima-shi,
Hiroshima-ken, 739-8602, Japan
Tel : +81-82-420-8560/8539
Fax : +81-82-420-0865
URL : www.satake-japan.co.jp

SATAKE USA INC.
10905 Cash Road,
Stafford, Texas, 77477, U.S.A.
Tel: +1-281-276-3600
Fax : +1-281-494-1460
URL : www.satake-usa.com

SATAKE (CANADA) INC.
5100 Fallingbrook Drive,
Mississauga, Ontario, L5V 1S7,
Canada
Tel : +1-905-858-0791
Fax : +1-905-858-0957
e-mail : sales@satake-canada.com

SATAKE AMERICA LATINA LTDA.
Rua Xavantes, 155-Pav. 20,
Bairro Atiradores, CEP
89203-210, Joinville, Santa
Catarina, Brazil
Tel : +55-47-3461-1313
Fax : +55-47-3461-1300
URL : www.satake.com.br/

SATAKE EUROPE LTD.
P.O. Box 53, Horsfield Way,
Bredbury Industrial Park, Bredbury,
Stockport, Cheshire, SK6 2SU,
U.K.
Tel : +44-161-406-3800
Fax : +44-161-406-3801
URL : www.satake-europe.com

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 : +91-11-4706-2626
Fax : +91-11-4706-2624
URL : www.satakeindia.com/

SATAKE (THAILAND) CO., LTD.
133,134 Moo 5, Bangkadi, Mueang
Pathum Thani, Pathum Thani
12000, Thailand
Tel : +66-2-501-1180
Fax : +66-2-501-1188
URL : www.satake-th.com:8080/

SATAKE INTERNATIONAL BANGKOK CO., LTD.
888/84 Mahatun Plaza Bld., 8th
Floor, Ploenchit Rd., Lumpini,
Pathumwan, Bangkok, 10330,
Thailand
Tel : +66-2-651-5845
Fax : +66-2-651-5848
URL : www.satake-th.com:8080/

SATAKE MANUFACTURING (SUZHOU) CO., LTD.
229 Jin Feng Road, Suzhou New
District, Suzhou, Jiangsu Province,
215129, China
Tel : +86-512-6536-8225
Fax : +86-512-6536-5922
URL : www.satake.cn/

SATAKE AUSTRALIA PTY. LTD.
15 Leland Street, Penrith, N.S.W.,
2750, Australia
Tel : +61-2-4725-2600
Fax : +61-2-4725-2601
URL : www.satake.com.au

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)