
SATAKE

VERTICAL RICE WHITENER



FOREMOST IN THE GRAIN WORLD
SATAKE CORPORATION

The design concept of the new Vertical Rice Whitener VTA series is the result of the accumulation of vertical milling engineering expertise. This machine has incorporated all of the most modern techniques of vertical milling and has been proven to be "The Machine" in many major mills throughout the United States, European and Asian continents. The versatility of VTA for milling all degrees of milled rice has given the industry the ideal machine.

FEATURES

1. Higher Milling Yield and Fewer Brokens

Evenly milled, higher yield rice with fewer brokens and minimum moisture loss is obtained due to the adoption of the newly developed, state-of-the-art milling chamber.

2. Easy Operation

The required whiteness is easily obtained by the adjustment of the discharge weight. An automatic milling degree controller is also available as an option.

3. Easy Replacement of Parts

The abrasive rolls are easily withdrawn out the top of the unit, because the cantilever main shaft design makes a bearing at the top part of the machine unnecessary. The screens are of a "lift-away design" which makes screen changes quick and easy without having to remove the frame from the machine. All other parts are easily accessible and readily changeable.

4. Longer Life of Parts

Due to the special heat treatment and the uniform and lower pressure obtained in the milling chamber as compared to conventional vertical rice whiteners, the durability of the wearable parts has been prolonged.

5. Minimum Residue Bran Inside Machine

In the section below the milling chamber, there is a bran rotor valve which assists in removing the bran from the machine.

6. Compact Design

The special design of the milling chamber has almost twice the milling surface of conventional units and allows for very high milling capacity in minimum of floor space.

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SPECIFICATIONS

MODEL	VTA5AA-T	VTA10AB-T	
Input Capacity on Brown Rice	Non-Parboiled Rice	2 to 3 TPH	5 to 6 TPH
	Parboiled Rice	1.5 to 2.5 THP	4 to 5 TPH
Motor	22 to 30 kW-4P	45 to 55 kW-6P	
Revolution of Main Shaft	650 to 710 r.p.m.	550 to 600 r.p.m.	
Air Volume	30m ³ /min	50m ³ /min	
Static Pressure	-80 to -100mmAq	-100 to -150mmAq	
Net Weight Without Motor	Approx.900kg	Approx.1,500kg	
Shipping Volume	Approx.3.2m ³	Approx.6.5m ³	

* Specification subject to change without notice

DIMENSIONS

