

ZX-50

Compact Rice Milling System ZX-50

Model:
ZX-50 Milling System
without options with options
.....

Power:
75 hp (73.5 kw) 100 hp (60.90 kw)
.....

Approx. shipping volume cu. ft. (m³):
1412 (40) 1871 (53)
.....

Approx. shipping weight lbs. (kg):
14,326 (6512) 19,140 (8700)
.....

Input capacity with or without options lbs. (kg) hour:
Up to 5270 (2600)
.....

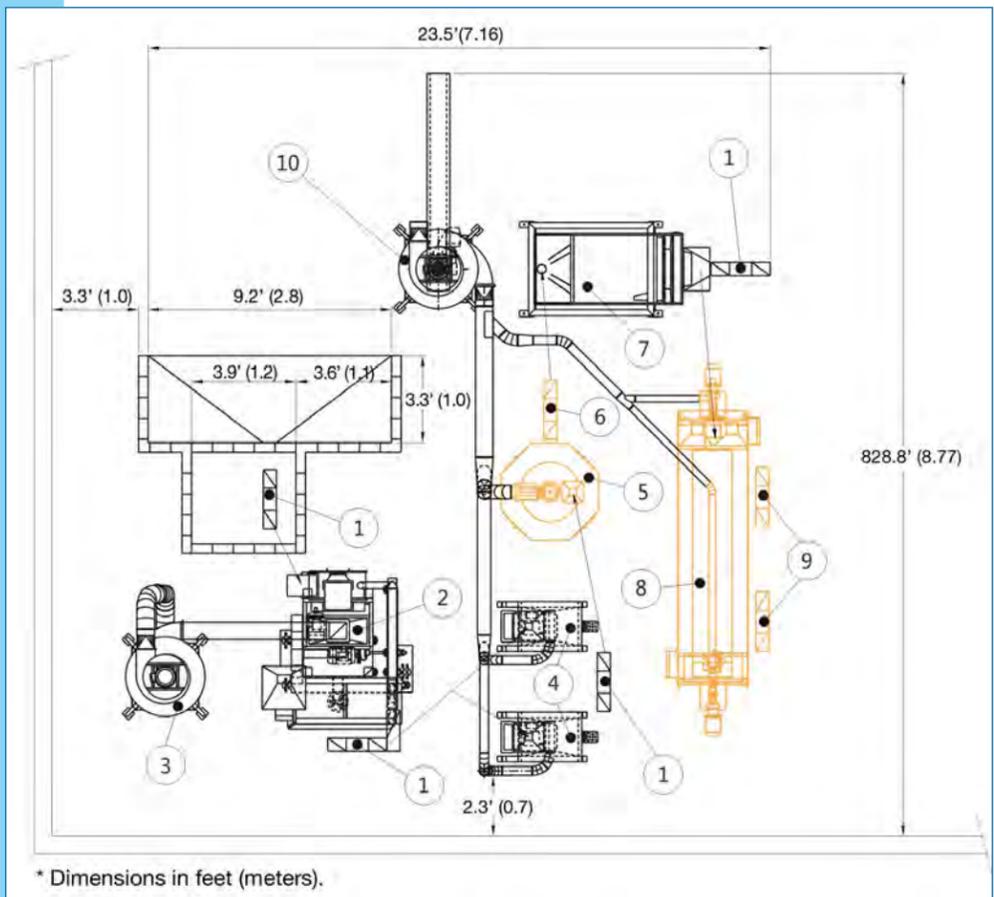
Output capacity with or without options lbs. (kg) hour:
Up to 3960 (1800)

Notes:
Consider the above drawing and information as a suggestion for installation lay-out.

For maximum performance, it is recommended that paddy be processed at 12 to 13% moisture content.

Impurity content shall not exceed 1.5%. Above this value, we recommend the use of our LCZX-50 Air-screen Cleaner to clean the paddy before processing.

Production in lbs. (kg)/hour, based on tests with thin long grain rice.



EQUIPMENT IDENTIFICATION

1. Bucket elevators.
2. Brown rice unit model AIZX-50 (consisting of: paddy husker, husk aspirator, and paddy separator).
3. Husk aspirator model EFZ-2R.
4. Horizontal whitening machines model BHZX-25.
5. Brush polisher model PEZX-50 (optional).
6. Bucket elevator for brush polisher PEZX-50 (optional).
7. Sieve model PZX-50 for tip (fines) removal.
8. Length separator model TRIZ (optional).
9. Bucket elevators for length grader model TRIZ (optional).
10. Bran and dust collector EFZ-2.



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Rice Milling System ZX-50



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The Zaccaria Rice Milling Machine model ZX-50 was developed to meet the needs of small and medium sized rice mills. This compact machine requires low power, provides excellent yields and produces high quality rice.

Aspirator EFZ-2

Removes the bran from the whitening and polishing sections.

Fan Motor:
7.5 hp (5.5 kw).

Rotary Valve motor:
0.5hp (0.4 kw).



Sieve Model PZX-50

Separates red rice grains, impurities that are larger than rice kernels and fine broken rice (tips).

Motor Power: 1 hp (0.74 kw).
Output Capacity: Up to 3960 lbs. (1800 kg) per hour.



Length Separator TRIZ (optional)

Separates broken rice (3/4, 1/2, 1/4 of whole grain) from whole kernels, according to the number of cylinders and indent sizes used.

* Number of grading cylinders will be determined according to customer's needs.

Motor Power:
0.75 hp (0.55 kw)
(each cylinder).

Output Capacity:
Up to 4620 lbs
(2100 kg)/hour
(each cylinder).



Brush Polisher PEZX-50 (optional)

Removes the adhering bran from the rice kernels giving a better finish to the surface of milled rice.

Motor Power:
3.0 hp (2.2 kw).

Output Capacity:
Up to 3960 lbs.
(1800 kg)/hour.



Water Polisher WPZ-30/S (optional)

Horizontal water polishing system. Removing the bran in a controlled humidity chamber without causing kernel damage. The resulting finish is clear.

Power:
20 hp (15 kw).

Production:
Up to 3960 lbs. (1800 kg)/hour (Polished rice).



Horizontal Whitener BHZX-25

Removes the bran layer and the germ from rice kernels through the abrasion action, ensuring a greater number of whole grains and better surface finishing.

* Two (2) whiteners required.

Motor Power: 20 hp
(15 kw)/hour, each unit.

Output Capacity: Up to 1980 lbs. (900 kg) per hour (each whitener).



Vertical Whitener Model BVZ-3

Vertical whitening machine with parallel stones. It is equipped with a feed hopper and 4 (four) rubber brakes with single adjustment control.

Motor:
25 hp (18.5 kw).

Capacity:
4400 lbs. (2000 kg)/hour
(white rice output).



Aspirator EFZ-2R

Removes the husks produced in brown rice unit.

Fan Motor:
7.5 hp (5.5 kw).

Rotary Valve Motor:
0.5 hp (0.4 kw).



Brown Rice Unit - AIZX-50

Removes the husk from paddy rice and separates the husk, paddy and brown rice.

Husker Motor:
7.5 hp (5.5 kw).

Paddy Separator Motor:
2 hp (1.5 kw).

Input Capacity:
Up to 5720 lbs.
(2600 kg)/hour.

