

ZX-50



Rice Milling
Machine
ZX-50

ZACCARIA

Rice Milling Machine ZX-50

The Rice Milling Machine model ZX-50 was developed to meet the needs of small and medium rice mills.

Its modern and compact design guarantees excellent yields and high quality on the final product.

Exhauster EFZ-2

Collect the bran from the whitening and polishing sections.

**Motor Power
Exhauster:**

50 Hz
5,5 kW / 7,5 hp /
II poles

60 Hz
7,5 kW / 10 hp /
II poles.

**Motor Power
Rotary Valve:**
0,55 kW / 0,75 hp /
IV poles.

Supplied
with motors.



Grading Sieve PZX-50M

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

Motor Power: 0,74 kW / 1,0 hp / IV poles.

Output Capacity: 1500 to 1800 kg/h.



Supplied
without motor.

Length Grader TRIZ-2/BP

Grading broken rice ($\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$ of whole grain) from whole kernels, according to number of cylinders and indent sizes being used.

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

Motor Power:
0,75 kW / 1 hp /
IV poles
(each cylinder).

Output Capacity:
1500 to 1800 kg/h
(each cylinder).

Supplied
with motor.



Water Polisher WPZ-30/A

Horizontal water polishing system. Removing the bran in a controlled humid without causing any damage to the grains. The result is a white grain clear and vitreous.

Power:
15 kW / 20 hp
IV poles.

Output Capacity:
1500 to 1800 kg/h.



Supplied without motor.

Horizontal Whitening BHZX-25

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

*Number of whitening necessary: Two (02).

Motor Power:
15 kW / 20 hp /
IV poles (each whitening).

Output Capacity:
750 to 900 kg/h
(each whitening).



Supplied without motor.

Vertical Whitening BVZ-3

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

Power:
18,5 kW / 25 hp
IV poles.

Output Capacity:
1300 to 2000 kg/h.



Supplied without motor.

Exhauster EFZ-2R

Collect the husks produced in the brown rice unit.

Motor Power Exhauster:
50 Hz
5,5 kW / 7,5 hp /
II poles.

60Hz
5,5 kW / 7,5 hp /
II poles.

Motor Power Rotary Valve:
0,55 kW / 0,75 hp /
IV poles.



Supplied with motors.



Brown Rice Unit - AIZX-50

Set equipment incharge to dehusk process and paddy separation.

Motor Power Husker:
5,5 kW / 7,5 hp /
IV poles.

Motor Power Paddy Separator:
1,5 kW / 2,0 hp /
VI poles.

Output Capacity:
1500 to 1800 kg/h.



Supplied with motors.

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Rice Milling Machine ZX-50

Model:

ZX-50

Power:

Consult us

Approx. shipping volume (m³):

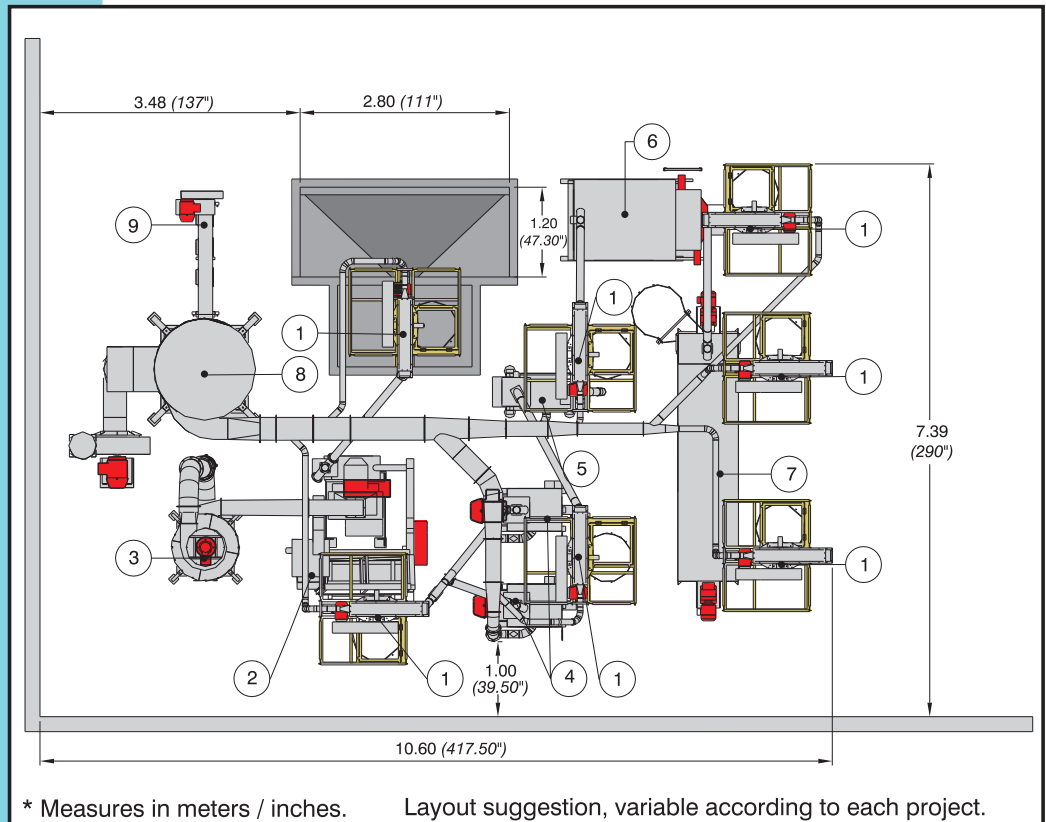
Consult us

Approx. shipping weight (kg):

Consult us

Input capacity paddy rice (kg/h):

2200 to 2600



CHARACTERISTICS

- 1 - Bucket elevators.
- 2 - Brown rice unit model AIZX-50 (consisting of: paddy husker, husk aspirator, and paddy separator)
- 3 - Exhauster model EFZ-2R
- 4 - Whitening Machine model BHZX-25 or BVZ-3
- 5 - Water Polisher model WPZ-30/A
- 6 - Grading sieve model PZX-50M
- 7 - Length grader model TRIZ-2/BP
- 8 - Brain Suction System TAPZ
- 9 - Screw Conveyor TRZ

Notes: Consider the above drawing and information as a suggestion for installation layout.

- For maximum performance, it is recommended that paddy rice be processed with 12 to 13% (B.U.) moisture content.
- Also, impurity content shall not exceed 1,5%. Above this value, we recommend the use of our PLZ-7M Pre-Cleaner and Cleanear Equipment to remove impurities before the processing.
- Production in kg/h, based on tests with Brazilian long rice variety.



EXPERIENCE THAT MAKES THE DIFFERENCE

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