

BHZ-4



Horizontal
Rice Whitening Machine
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ZACCARIA

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Horizontal Rice Whitening Machine BHZ-4

Zaccaria, following the growing demands of the rice processing market for reaching large capacities with reduced spaces, presents the latest generation about rice whitening systems, the Horizontal Rice Whitening model BHZ-4.

Increasing the line of horizontal whitening machines, Zaccaria presents the BHZ-4 model, being able of reaching up to 13,000 kg / h of inlet of brown rice.

It presents the latest generation of technologies available, offering an innovative smart control system, being able to work with the minimum need of human interference and monitoring. The features of BHZ-4 guarantee the recognized quality for the processed products and the profit maximization of the company.

Model:

BHZ-4

Power / poles:

- Main Motor
100 kW / IV
150 hp / IV
- Fan Motor
3 kW / II
4 hp / II
- Load System Motor
0,25 kW / IV
0,33 hp / IV
- Brake Motor System
0,1 kW / IV
0,125 hp / IV



Control Panel

Capacity: rice inlet (kg/h)

10.000 up to 13.000

Air flow required for bran extraction (m³/min):

80

Air pressure required for bran extraction (mmH₂O)

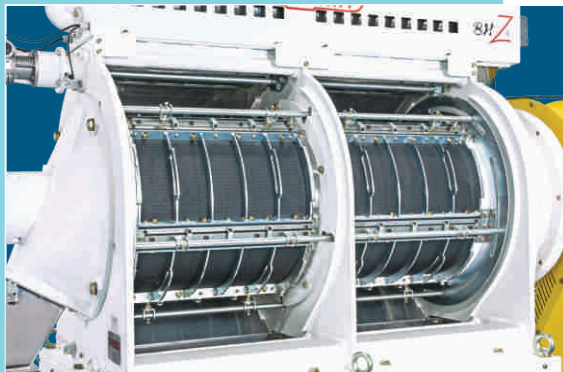
-150 up to -200

Approximated volume: packaged without motor (m³):

8

Approximated weight: packaged without motor (kg):

3100

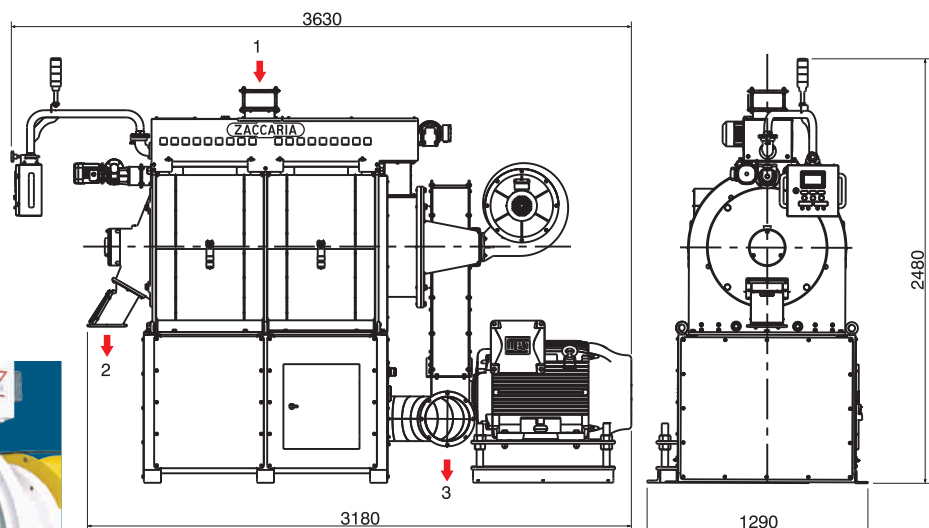


FEATURES

- Fully automatic process, which allows the reaching the best efficiency at whitening, based on previously determined parameters
- Smart control system, which optimizes the use of main motor power, equipped with touch-screen with several control functions
- Rotating panel that allows the operator to find the best position for operation and maintenance
- Unprecedented brake safety system
- New cover design, easy for removing: it produces a self-cleaning effect, avoiding the accumulation of bran in its interior
- Homogeneous process at whitening

BENEFITS

- High production and low index of broken grain
- Easy operation
- More production in less space required
- Minimum need of human interference and monitoring



- 1- Rice Inlet
2- Rice Outlet
3- Bran Outlet

Measures in (mm)

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EXPERIENCE THAT MAKES THE DIFFERENCE

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Note: Production in kg/h based in tests with Brazilian thin long rice.

- For maximum performance, paddy rice moisture content should be within 12 % and 13%.
- Equipment originally supplied without the main motor.

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