



# Vacuum Packaging Machine for Heirloom Rice

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## WHAT IS VACUUM PACKAGING?

Vacuum packaging is a process of packing where air is removed before sealing. For rice products, it reduces oxidation in unpolished rice which is how most heirloom rice varieties are sold. Vacuum packaging does not guarantee zero insect infestation that is why it is recommended to include an oxygen absorber inside the vacuumed plastic to lower the oxygen level to the amount that will prevent infestation.



## WHAT ARE THE FEATURES?

- Cuboidal packaging
- Options for 0.5 kg and 1 kg cuboidal packaging containers
- Maximum of 12 kg commodity can be vacuum-packed in a single run.



## HOW IS A VACUUM PACKAGING MACHINE USED?

1. Prepare the vacuum packaging machine. If the machine is to be used for the first time, make sure to read the instructional manual provided by the manufacturer.
2. Power off the machine while preparing the rice to be packed to save energy.
3. Weigh the rice before putting it inside the plastic, then place the plastic inside the molding container, making sure to press down the rice to avoid void spaces.
4. Arrange the molding containers in the vacuum packaging machine.
5. Power on the machine and set the vacuum sealing and cooling time. This is usually set only once depending on the recommended value for the plastic to be used. The parameters may vary depending on the thickness and quality of the plastic.
6. Once all parameters are set, press down the top cover of the machine and lock it. In some machines, the vacuum chamber will automatically open when sealing is finished.
7. Remove the vacuum-packed plastic from the molding container.

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