



Automation
& Machinery



JENKINS
FRESHPAC SYSTEMS
Total Packaging Solutions

Robotic Bin Filler

AN INTELLIGENT, AUTOMATED BIN FILLER FOR FRUIT AND PRODUCE

The Hortworx robotic bin filler is designed to gently lower round or oval produce, such as apples, pears, stonefruit, kiwifruit and onions, into a bin. Utilising the latest technology, an improved user experience is combined with a simple construction for easy operation and maintenance.

OPTIMAL DESIGN

Being manufactured in New Zealand, the RBF100 Robotic Bin Filler is designed to fill most bin types, including the modern smaller plastic and cardboard bins. The rotary head lowers fruit to a pre-determined depth then automatically rises to layer fruit into the bin. Soft and flexible rotating flaps ensure gentling handling, almost eliminating fruit-to-fruit bruising.

USER FRIENDLY

The Robotic Bin Filler is easy to use with an intuitive touch screen. Smart features include variable fruit flow and flap rotation, pre-set filling limits and automatic bin changeover complete with bin locator.

EASY TO MAINTAIN

With its low power usage, intelligent head positioning and quiet chainless transmission, it requires little maintenance and is IOT ready for integration into packhouse analytics.

BENEFITS



Energy Efficient

24V DC power makes it field capable - just add batteries and solar for off-grid operation or plug into a standard power outlet. We use a max of 1.5A.



Greater Bin Compatibility

Smaller, open head designed specifically to include export and cardboard bins with easily adjustable swing and bin limits.



Easy to use

Intuitive HMI control and simple construction makes operation and maintenance easy.

