

PACKAGING MACHINE

VANNPAX

SOLUTIONS

INTERNATIONAL PACKAGING
MACHINE SOLUTIONS



THE VANNPAX BERRYSIZER™

Introducing the new VANNPAX Berry Sizer™

A simple yet effective sizing machine,
designed and manufactured in South Africa
for the entry-level market.



MECHANICAL INITIATION

Berries are loaded into the machine via an automated tipper. The berries are deposited on a belt and spread on an inspection conveyor. This conveyor offers an ideal space for visual inspection.

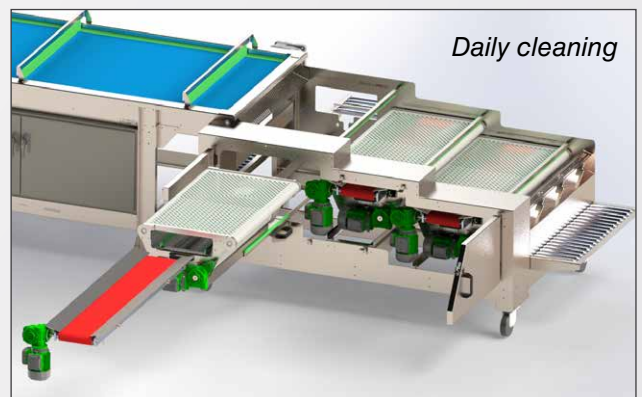
STREAMLINED AUTOMATION

Sizing belts are individually driven for, flexibility, ease of maintenance, and cleaning. The belts are removable as a unit and can be changed to user size requirements. Once in position, the cabinet can be closed and locked. Belt speeds are independently variable to allow maximised optimisation of the sizing process.

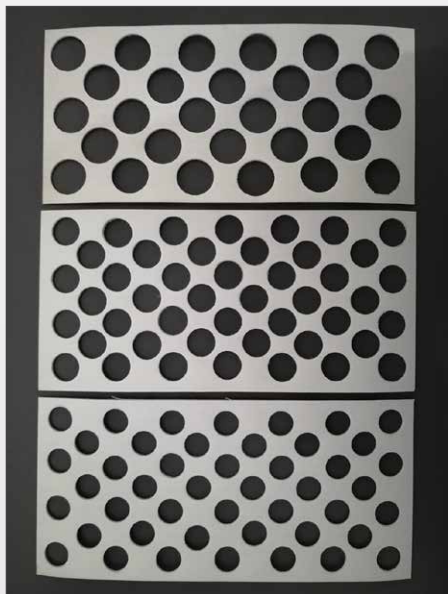
The machine construction is in 304 stainless steel, providing ideal washability and hygiene requirements. Electrical components are rated min IP65.



Ease of maintenance



Daily cleaning



Belt sizes

HOW THE VANNPAX BERRYSIZER™ OPTIMISES YOUR SIZE GRADING EXPERIENCE

The technology of the VANNPAX Berry Sizer™ is one of simplicity and targets customers to utilise semi-automated equipment. This helps the customer sort their product into different sizes for local or export markets. Our size grading machinery is designed to expertly size blueberries and guarantees a perfect packaging end-result with the following integrated methods:

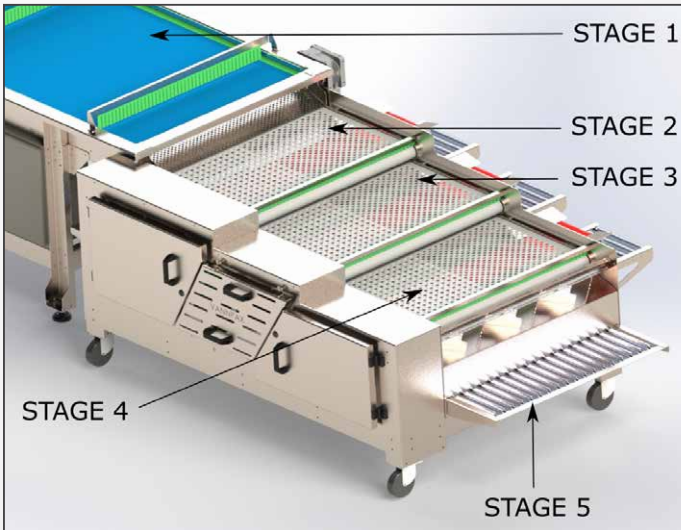
DELICATE PRODUCE HANDLING

Our sizing is at the forefront of innovation, making it an exceptional size grading machine that delicately handles your produce, by means of a low transfer height. This ensures that there is almost no impact on the blueberries that retain their shape and texture. The sizing section is conveniently mounted on castors for easy removal and transport to maintenance or cleaning locations. Belt speeds are independently variable to allow for maximised optimisation of the sizing process.

AUTOMATED SYSTEMISATION AND OPERATION

High-quality food grade belts are punched to different aperture sizes. The machine is equipped with different stages to size berries and allow the product to discharge onto the conveyor aperture punnets. Oversized berries are collected at the end of the machine into crates.

The belt assemblies are individually driven for flexibility, ease of maintenance and cleaning. The belt assemblies can also be replaced for different sizing requirements.



SIZING STAGES

- Stage 1: Visual inspection by operators
- Stage 2: Allows berries through with a $\leq 14\text{mm}$ diameter
- Stage 3: Allows berries through with a $\leq 16\text{mm}$ diameter
- Stage 4: Allows berries through with a $\leq 20\text{mm}$ diameter
- Stage 5: Allows for oversized products with a 20mm diameter to roll into a manually placed crate.

AVERAGE APPLICATION SPEED

Main Feeding belt:

Up to 50mm/sec

Sizing Belt with holes:

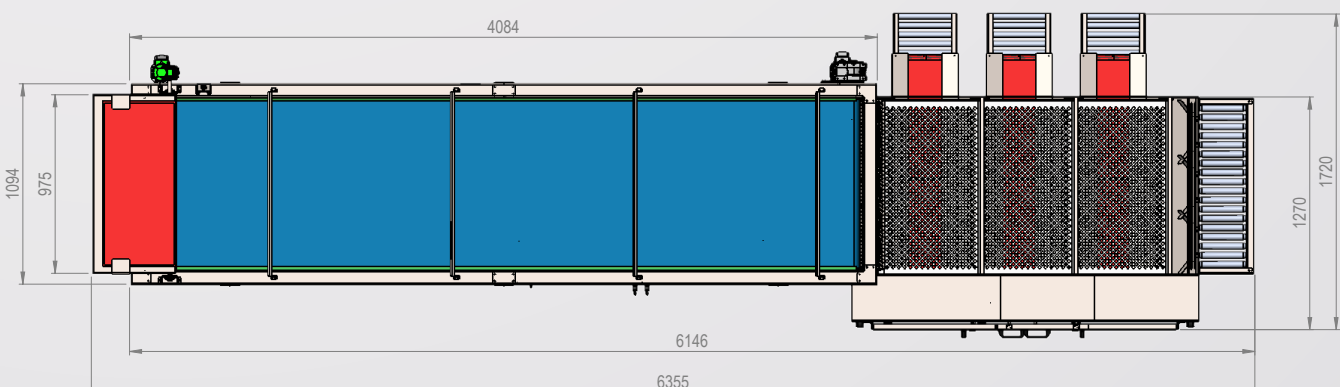
Up to 80mm/sec

Discharge Belt:

Up to 80mm/sec

IMPORTANT FACTS

Weight	950-1000 kg	Power requirements	220V / 420V (to be specified by customer)
Footprint	6355 (l) x 1720 (w) x 1248mm (h)	Pneumatic Air	Not required
Construction Material	S/Steel 304	Electrical rating	IP65
Belt Material	High Food Grade Polyester with soft top		



PACKAGING MACHINE VANNPAX SOLUTIONS

THE VANNPAX COMMITMENT

We are dedicated to delivering the best food packaging machine solutions for small fruits such as blueberries. Our machinery is integrated with systems that ensure that your produce is handled and transferred gently.

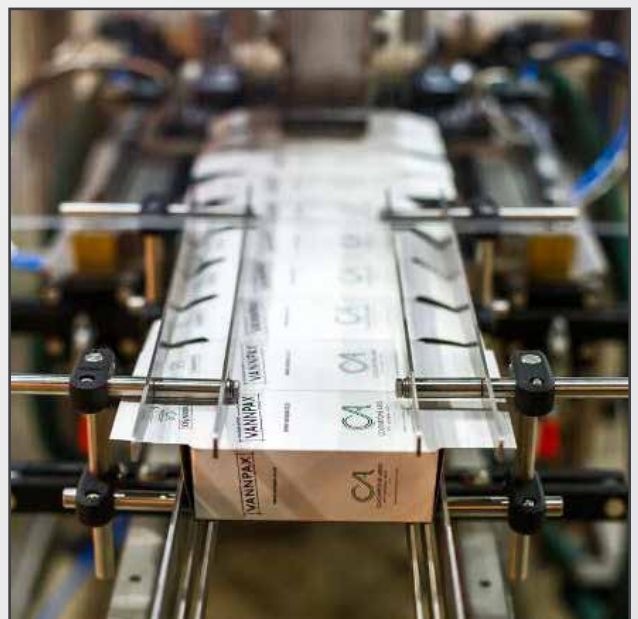
What differentiates our machines from others, is the expertise we put into developing an industry-leading sizing unit that enables you to achieve consistent results that match international standards in the world today. Our machines can be adapted to your production capacity requirements.

ABOUT VANNPAX

VANNPAX provides custom-made support to the Food Packaging Machine Industry in Southern Africa and abroad. The company was established in October 2013 due to a perceived shortage of artisans in factories and production plants.

Our management team has combined industry knowledge of more than 23 years' experience in the maintenance of packaging machines in the food, beverage, pharmaceutical and cosmetic industries.

With VANNPAX servicing established blue-chip customers, our company partnered with IPA Global



which is part of the DFT Group in 2019. With a strong financial investor and long-term strategic partner in a constant tough and changing economic environment, VANNPAX continues to service its customers internationally.

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