Precision Produce Packing
All day. Every day.
Why is the world automating?

**Productivity**
Reduce stoppages, break times, human error and become entirely measurable.

**Labor**
Access to and the cost of labor is the underlying issue of scaling in nearly all developed countries. Automation deals with both these issues.

**Presentation**
At pace, people cannot consistently deliver quality and presentation, but automation can.

**Measurable**
There is nowhere to hide. Everything becomes remotely visible, measurable and crucially, optimisable.

**Flexibility**
Shift patterns fall away, changing pack line configuration can happen on a dime, bank holidays and graveyard shifts become less of an issue.

**Transformation**
All the indicators are pointing the same way. We need to transform the efficiency and reliability of our pack houses.
Bringing together an entrepreneurial spirit ingrained in the horticultural sector and a doctorate student out of one of the best agri-science universities in the world gave birth to a company dedicated to developing robotic and automated technologies destined for use in the primary sector globally.

A decade later, and driven by a relentless desire to remove pain points and bottlenecks to the success of the primary sector, the team at Robotics Plus in New Zealand are delivering ground breaking technologies to automate and drive efficiency into the horticulture sector.

The Aporo produce packer is one such technology that is focused on one of the main labor intensive functions of the modern pack house - getting fruit into trays.

Learn more about Robotics Plus and what pushes them to drive the horticulture sector into the future by clicking below.

After a decade of rigorous field testing the Aporo produce packer was ready to revolutionise the global produce packing industry and Robotics Plus partnered with Global Pac Technologies to do exactly that.

Jenkins Group and Van doren Sales are market leaders in delivering first rate products and service to the horticulture industry in New Zealand, Australia and North America and came together to form Global Pac Technologies with a shared vision to be a big part of automating horticulture pack lines around the world.

With Robotics Plus’ ground breaking technologies and their combined 200 years of expertise in delivering tried and true performance to the sector, this partnership is a perfect match.

Watch the Aporo produce packer in action by clicking below. Contact your local agent to find out what efficiencies this technology can deliver to your pack house.
Key Product Features

Everything about this machine has been designed with the end user in mind. From its ease of use, to its rapid deployment (or redeployment) through to its easy retrofit to existing pack house infrastructure has been carefully thought through.

When operating under optimal conditions the Aporo produce packer can put out up to 120 fruit per minute. When packing larger fruit, the fruit per minute output reduces, however the box per minute rate holds true.

The operator interface has been designed using a methodology that requires little or no training due to its well designed and intuitive touchscreen interface.

The performance of the Aporo produce packer can be monitored by your service agent remotely and the componentry is rapidly changed out when it is required to be serviced.

Accompanied with excellent user documentation, the operation of the Aporo produce packer is likened to modern hand held electronic devices.

While saving on labor costs has been a significant driver of this technology, its efficiency, consistency and reliability is what is grabbing the industry’s attention.
Incredibly Easy and Intuitive to Operate

[Diagram of robotic system with various settings and controls]

- Packing speed
- Infeed status
- Stem Angle
- Color Orientation
- Apicis packed (Total)
- Apicis packed (Total)
- Orientation lane 1
- Orientation lane 2
- Orientation lane 3
- Orientation lane 4
- Orientation lane 5
- Orientation lane 6
- Orientation lane 7
- Orientation lane 8
- E-stop (Left)
- E-stop (Right)
- "Ray Recognition"
- "Tap Recognition"
One to two labor units saved per take off

Significant savings in variability and HR management

Packs at up to 120 fruit per minute