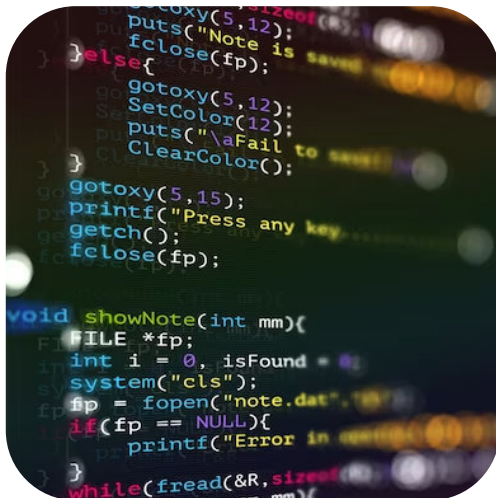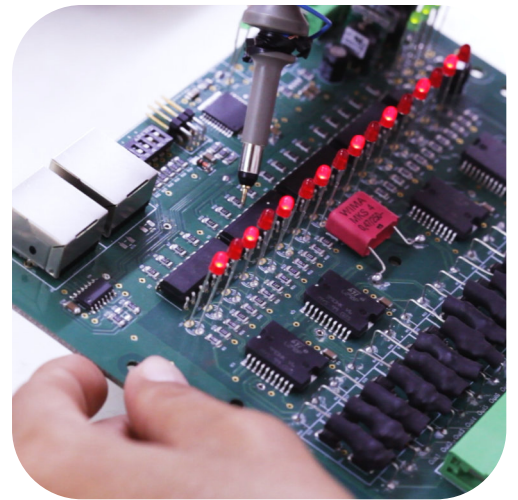# INTRODUCING BERSTRON

Berstron has been a pioneering company in the fruit industry for over 35 years.

Berstron has been a pioneering force in the fruit industry for over 35 years, leading innovations since its establishment in 1985. The company is renowned for its continuous investment in research and development, providing top-tier machinery, electronics, and software solutions to its clients.

Berstron adopts a multifaceted approach to every challenge, evaluating issues from various angles to produce innovative, sturdy, user-friendly solutions that integrate seamlessly with the client's existing equipment. The company specializes in a diverse range of products, including palletizers, AI-driven sorting systems, harvesters, and fruit labeling solutions, all tailored to meet the unique requirements of their clients.

In addition to their inventive products, Berstron is also a forerunner in designing and producing all the electronics involved in their projects. This includes the crucial software development required to manage and operate the systems, encompassing areas such as Machine Learning, process management, and robotics functionality. This comprehensive approach ensures the delivery of holistic solutions that address every aspect of the client's needs.

Berstron is committed to maintaining the highest standards, complying with industry protocols concerning communication, connectivity, finish/fitting, and operating ergonomics. By building all its products in-house, Berstron retains complete control over their quality and functionality, ensuring each product meets the company's stringent standards.

Customers highly value the simplicity and reliability of Berstron's products. The company strives to earn their trust by continually exploring new avenues to support them, providing top-quality, innovative solutions that cater to their distinctive demands.
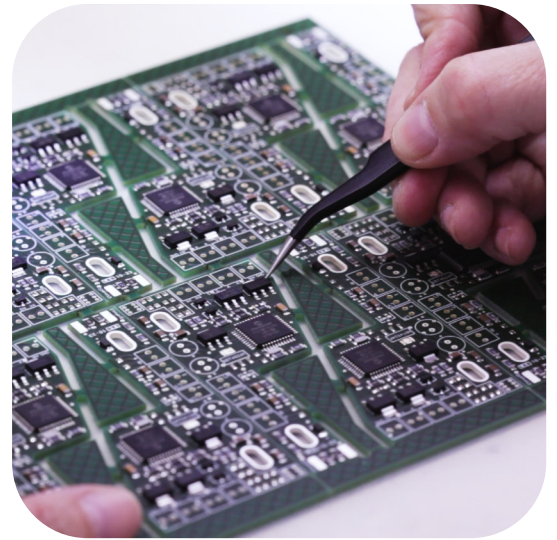
Whether serving a small fruit farmer or a large agricultural operation, Berstron's extensive experience and expertise are the keys to achieving success. The company maintains close collaborations with clients from start to finish, understanding their specific needs and challenges, and going the extra mile to ensure satisfaction.
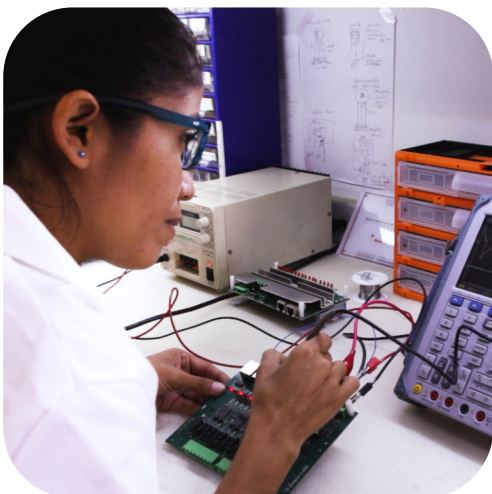
Berstron takes great pride in its ability to think outside the box, offering solid and inventive solutions to even the most complex problems in the fruit industry. For those in search of a reliable and innovative partner in the fruit industry, Berstron stands out as friendly and cooperative partner. Reach out today to discover more about how Berstron can help you engage challenges within your operations.

Main Areas of Expertise

Harvesting Solutions, AI-Driven Sorting Systems, Palletizers, Fruit Labeling Solutions and Packaging Scales

Harvesting Solutions

Berstron offers advanced harvesting machinery designed to optimize the harvesting process, ensuring efficiency and high yield. Our solutions cater to both small fruit farmers and large agricultural operations, addressing their unique needs and challenges. We currently deliver 3 types; 100% solar driven, Diesel/Electric drive and a diesel electric drive foldable harvester.

Optical and weight driven Sorting Systems

Our AI-driven sorting systems utilize cutting-edge technology to sort fruits based on various parameters, ensuring quality and consistency. These systems are designed to integrate smoothly with existing equipment, enhancing overall operational efficiency. Our systems capacity runs 20 fruits per second, per line. Currently our systems are mainly used in the Citrus fruit and melon industry. They are very well suited for other products as well (Mango's, Avocados, Apples, Pears, etcetera). We are developing algorithms to classify roses for the South American flower industry at this moment.

Palletizers
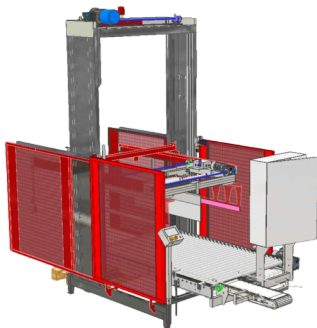
Berstron's palletizers are engineered to improve safety, ergonomy, and efficiency in palletizing operations. With over 1000 units operational in various industries we can confidently say we have fine-tuned our systems from back to front. We have implemented all our customers wishes in the latest version. Now providing a selection of highly desired add-ons that further increase efficiency and functionality of our palletizer machine.

We strive to provide the best ROI and reliability over time.
Our goal is to enhance your productivity and profitability by providing you with efficient, adaptable, and sturdy solutions. We prioritize useful functionality over aesthetics without overlooking the finer details, and focus on creating solutions that are tailored to your business needs. Our engineers and mechanics are dedicated to deliver solutions that prioritize safety, reliability, and productivity, ensuring that you get the most value for your investment.

SOLUTIONS BY BERSTRON

Our High-Speed Hand Labeller makes a difference

Berstron's label dispenser is designed and build to give you the most robust and efficient tool to apply labels to any sort of fruit (or any other items). A slight tap with the business end of the machine to the product puts a label down and immediately readies a label for the next item.

The intelligence within the machine scans the size of your label and feeds the appropriate amount to present the next label.

The internal 7,4V Lithium battery ensures two days of labeling on a single (two hour) charge. It can put down 5 labels per second which makes 18.000 labels per hour. It is safe to say this labeler is quicker than it´s operator. In short, the machine can take on an impressive workload in your labeling process.

Packaging Scales

Our specialized scale provides precise and speedy measurements for packaging lines. It's engineered to determine the weight of manually filled containers, allowing you to establish a weight range based on your specific needs.

The operator is guided by a simple light system: no light signifies the need for more filling, a green light indicates the weight is within the set parameters, and a red light warns of an overfill situation.

The machine's memory can store up to nine distinct weighing scenarios. For instance, you can have one setting for weighing a basket of strawberries and another for a basket of apples, among others.

The implementation of an indicator light system, as opposed to merely displaying numerical weight, enhances efficiency and reduces strain on the operator. This results in fewer weighing errors and a faster filling process.