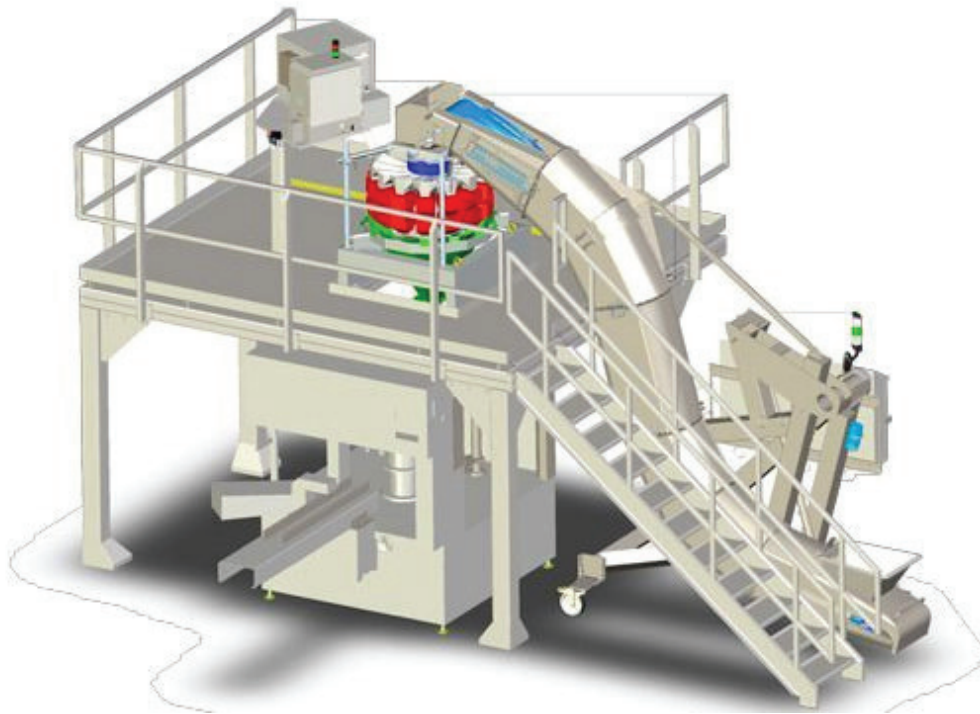


## PRE-MADE POUCH SOLUTION

The objective was to provide a reliable, faster equipment solution with higher efficiency. The client required an output of 40 plus bags/min at a high OEE with the ability to add new SKUs without overtime.



### **REQUEST**

The existing equipment was unreliable and slow preventing the ability to add additional SKUs. The client was only operating at 25 pouches/min requiring overtime to meet the daily production requirements.

### **DISCOVERY**

After an in-depth analysis of the existing process with the customer, it was concluded that the system was not salvageable.

### **SOLUTION**

Our solution was to provide a turnkey solution which included the following equipment.

- Liftvrac Infeed Conveyor
- Multipond Combination Scale
- A-Box Oxygen Scavenger Inserter
- Junapack Rotary Pouch Packer
- Mezzanine and Controls to Integrate the Process

## SOLUTIONS USED IN THE PROJECT



### EQUIPMENT

**Liftvrac** was used to transfer the product to the Multipond Weighing System.

- Flightless scrapable belt, which resulted in no product loss or sticking
- Portability of the unit for cleaning reduced downtime
- Provides a consistent flow of products to the scale, eliminating the need for an infeed vibrator

**Multipond** 14 head weighing system to weigh and distribute the product to the Junapack rotary pouch machine.

- IP69 construction
- Fully automatic calibration
- Automatic feed control for hands off operation

An **A-Box Oxygen Scavenger Inserter** was integrated into the process to prolong the shelf life of the product.

The **Junapack** Rotary Pouch Machine is an intermittent motion fill-seal machine for pre-made pouches. The versatile technology allows it to fill a wide range of products into many different styles of pouches.

- 5 minute size pouch changeover to allow for the various SKUs
- Gas flush to reduce residual oxygen to <5% (<1% after 24 hours)
- Reliable operation with above 40 pouches/min
- The patented pouch infeed guarantees the high output

### INTEGRATED MECHANICAL SOLUTIONS

A platform was designed and fabricated to integrate the entire process.

### SERVICES

- Installation of the entire system was completed by our in-house service team
- Machine connections and synchronization
- Recipe development and testing
- Production testing and validation
- Operator/maintenance training

