Wrabacon has designed and manufactured Custom Product Handling Systems for products of varied shapes, sizes and weights, with each design tailored to fit into the curves, bends, raising or lowering of existing production lines. These systems can be stand alone units or integrated to respond and operate with a customer’s in-use equipment.

Product input can be singular or multiple, and the systems are programmed to carry the products at speeds compatible with upstream or downstream components.

This particular system was designed to directly accept three lanes of 4.5” long X 3.5” wide pouches from a pouch machine onto the Wrabacon servo conveyor where they are counted into units of 10 and deposited into the flighted indexing conveyor cavities. After sensing the 10 count has been reached, the servo conveyor automatically reduces belt speed to allow time for the index to occur. Accurate counting of multiple products is important to the producer as well as the consumer.

Construction material options for these systems are many, depending on the needs or requirements of a customer to meet product handling regulations in both food and non-food environments. System designs will maintain applicable OSHA standards and the National Electrical Code for Industrial Machinery.