



AUTOMATED PACKAGING SYSTEMS & EQUIPMENT



CUSTOM PACKAGING AND CONTAINER HANDLING EQUIPMENT

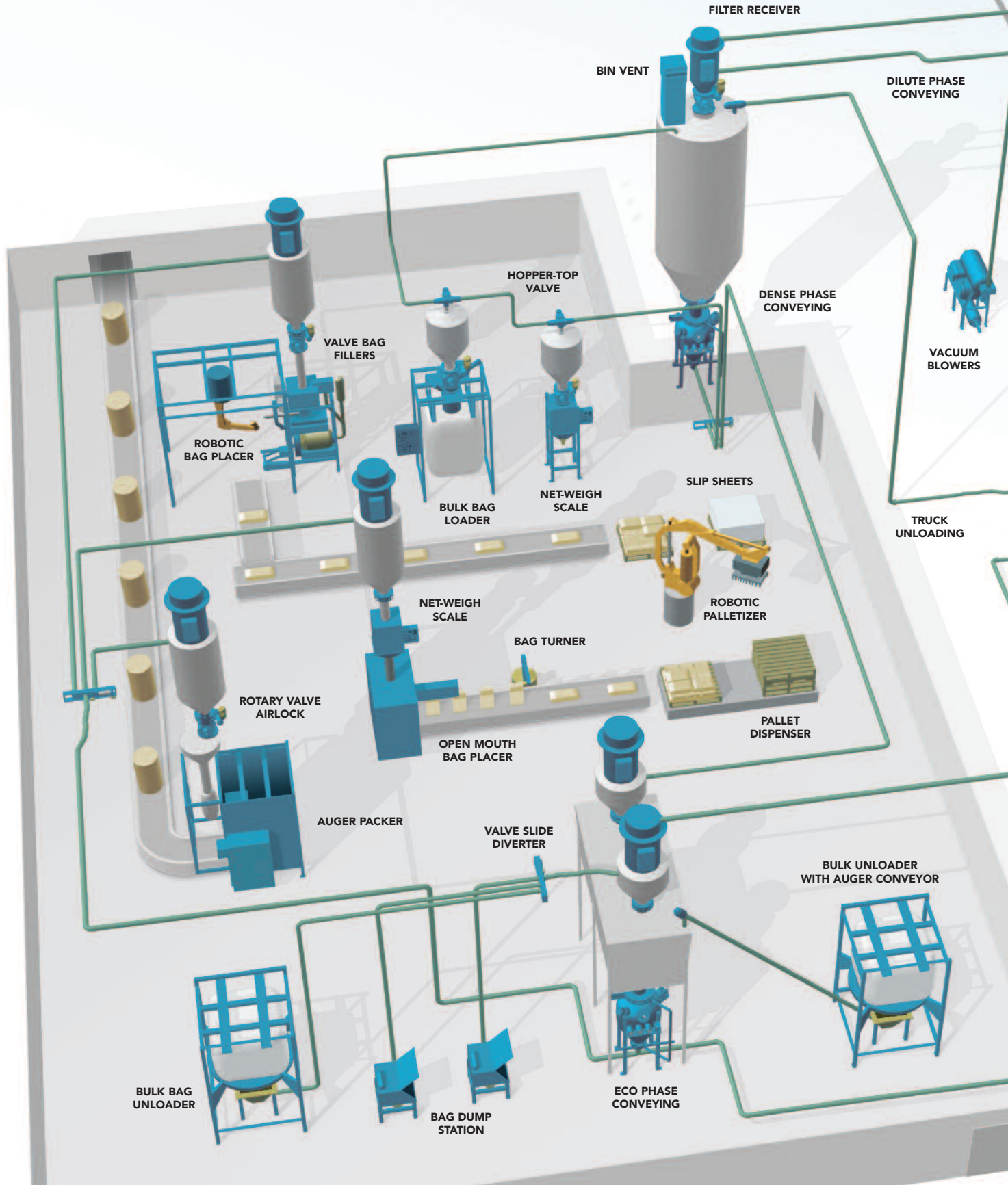


CONCEPT TO COMPLETION

Established 1969



AUTOMATED PACKAGING SYSTEMS & EQUIPMENT



LINE INTEGRATION FROM A SINGLE SOURCE

At Taylor Products, a division of Magnum Systems, we are a leader in the design and manufacturing of packaging automation systems and equipment.

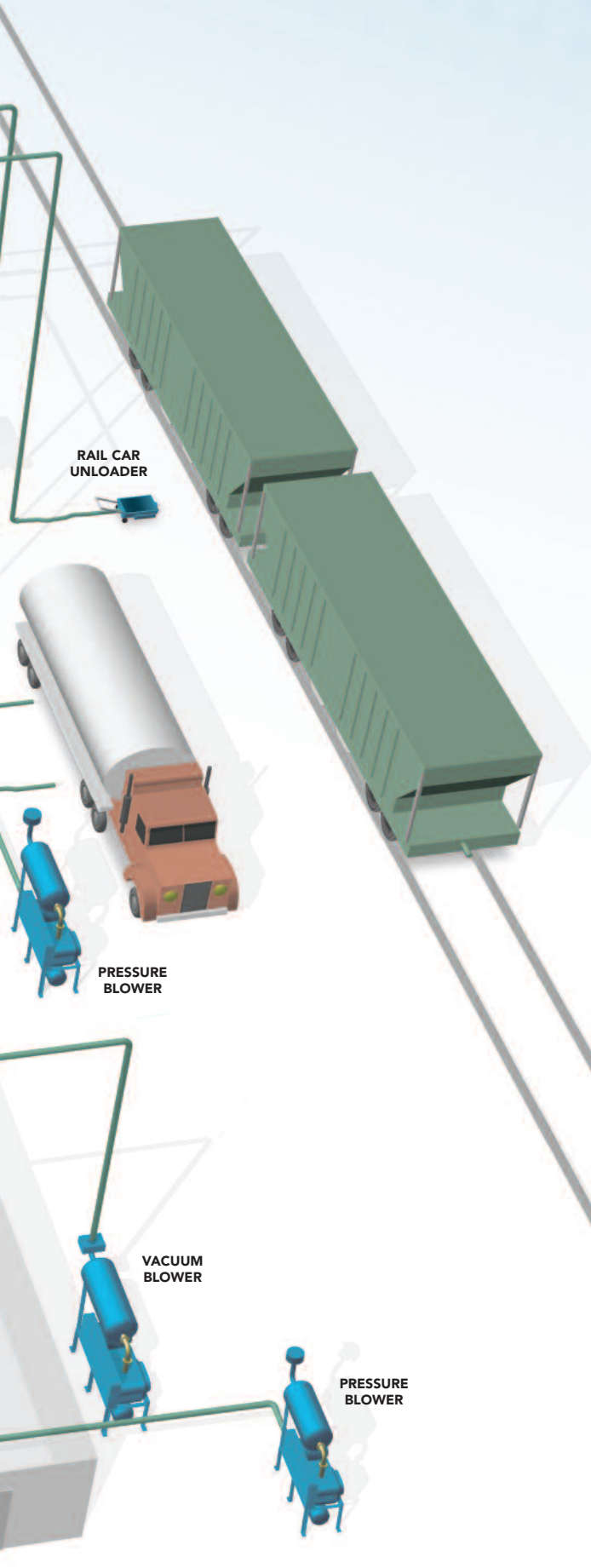
We offer a broad range of modular packaging components engineered to perform alone or as a totally integrated packaging process system. Our offerings include open mouth bag filling, valve bag filling, intermediate bulk loading and unloading, and other automated packaging equipment.

With a weight range from 2 ounces to 2 tons and a material range that includes flowing granules to fragile powders we have the experience and equipment to provide the right solution for your application.

Our total systems approach allows us to look at your complete process for engineered solutions. Our project management can integrate your entire process from pneumatic conveying of material to the packaging machine to complete automation of container handling from spout to pallet.

Taylor Products and Smoot are now divisions of Magnum Systems. This relationship allows us to offer a combined 89 years of experience, application knowledge, and expertise in material handling, pneumatic conveying, and packaging.

At Magnum Systems we understand you want a process system that provides a strong return on your investment. We're not going to sell you solutions that don't meet your standards. We will work with you to customize a solution for all of your material handling needs.



> VALVE BAGGING SYSTEMS

Taylor Products manufactures a wide range of electronic valve bag packers which can be readily adapted to handle a variety of dry materials. Each model is engineered for easy operation with practical features and construction to perform in plant conditions.

Each valve bag bagging machine has been specifically designed to handle different materials. From seed and plastic pellets to clays and cement adhesives there is a valve bagging machine that can handle your material efficiently.

Taylor's modular fabrication keeps the equipment reasonably priced, while enabling the production of complex units and systems for your specific needs. Options on these machines include stainless steel construction, and the cutting edge T3000 weigh controller.

AIR PACKER

> MODEL A

PRODUCTS Powders
Granulars
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 8 bags per minute



AIR PACKER

> MODEL C

PRODUCTS Coarse Powders
Granulars
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 10 bags per minute



ROBOTIC BAG PLACER

> TRV 1000

BAG TYPE Conventional paper or plastic bags with internal or sonic seal
MAGAZINE Up to 200 bags in static magazine
Up to 240 bags in conveyor magazine
SPEED Up to 12 bags per minute with single arm
Up to 20 bags per minute with dual arm



ULTRASONIC SEALER

> TRU SEAL

PRODUCTS Fits to any new Taylor Valve Bag Packer
PACKAGE TYPE Ultra Sonic Seal
SPEED Up to 3 bags Per minute



AUGER PACKER

> MODEL APV

PRODUCTS Difficult-to-Feed and Free-Flowing Powders/Granulars
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 5 bags per minute



IMPELLER PACKER

> MODEL IPV

PRODUCTS Dense Powders
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 9 bags per minute



OPEN MOUTH BAGGING AND WEIGH/FEEDING SYSTEMS

Taylor Products manufactures a variety of open mouth bagging solutions. From the economical to the incredibly accurate, they have the right equipment for your application. Our offering includes eleven different models all designed to handle different types of materials with accuracy and efficiency.

HIGH-SPEED NET-WEIGH SCALE

RT7000

PRODUCTS Granules & Grain
PACKAGE SIZE 15 lb to 110 lb
SPEED (@50 lb) Up to 22 bags per minute on Duplex
 Up to 12 bags per minute on Simplex



AUGER PACKERS

MODEL APO/APO DUAL

PRODUCTS Powders
 Granules
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 5 bags per minute



VIBRATORY FEEDING WEIGH SCALES

VN SERIES/VG SERIES

PRODUCTS Erratic feeding or variable density materials
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 8 bags per minute



VIBRATORY FEEDING NET-WEIGH SCALE

TE10 SERIES

PRODUCTS Powders
 Granules
PACKAGE SIZE 15 grams to 25 lb
SPEED Up to 18 bags per minute



VIBRATORY FEEDING WEIGH SCALE

GN SERIES

PRODUCTS Pellets
 Free flowing Granules
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 20 bags per minute on Duplex;
 Up to 14 bags per minute on Simplex



COMPACT ELECTRIC BAGGING SCALE

TE100 SERIES

PRODUCTS Granules
PACKAGE SIZE 20 lb to 125 lb
SPEED Up to 14 bags per minute



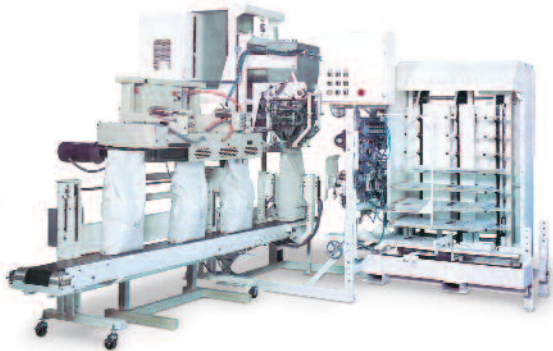
OPEN-MOUTH BAG SCALE

OM2/OM2A

PRODUCTS Granules, Feed
 Seed, Grain
PACKAGE SIZE 15 lb to 125 lb
SPEED Up to 12 bags per minute



AUTOMATED BAG FILLING SYSTEMS



OPEN MOUTH BAG FILLING

TOMP

BAG TYPE Paper
MAGAZINE Up to 200 Bags
SPEED Up to 10 Bags per minute



OPEN MOUTH BAG FILLING

THP5500

BAG TYPE Poly or Paper
MAGAZINE Up to 300 Bags
SPEED Up to 22 Bags per minute

BULK BAG/TOTE/DRUM FILLING

IBC SERIES

Taylor Product's bulk filling and discharging equipment are engineered for a variety of materials. Our bulk storage filler's modular design allows complete flexibility from a free-standing manual operation to a fully integrated and automated system.

Our bulk bag unloader is adaptable to nearly any discharge or deweigh application. It is constructed of heavy tubular steel with a compact footprint of 60 in by 60 in. The bulk bag unloader can be easily modified with any of its multiple options in order to handle your specific requirements.

BULK STORAGE FILLING

IBC 3000/4000

PRODUCTS Powders
 Granules
CONTAINER Bags, Totes, Drums, Rigid Bulk Boxes
PACKAGE SIZE 100 lb to 4000 lb



AUTOMATED DRUM FILLING

IBC 5000

PRODUCTS Powders
 Granules
CONTAINER Drum/Box
PACKAGE SIZE 100 lb to 500 lb



BULK BAG UNLOADING

IBC 2000

PRODUCTS Powders
 Granules
CONTAINER Bags
PACKAGE SIZE 100 lb to 4000 lb



ROBOTIC PALLETIZING

The Taylor Robotic Palletizing System provides a durable, low maintenance alternative to the ergonomic challenge of workers manually handling filled bags of up to 125 pounds. At its heart, the FANUC robot allows maximum flexibility in handling multiple incoming lines and mounts in an extremely small footprint compared to traditional mechanical palletizers. Robotic solutions offer decreased downtime and maintenance issues with the arm subjected to documented testing showing an average of 75,000 hours mean time between failures. Available options include automatic pallet dispensing and staging of filled pallets for pick-up or transport to a stretch wrapper and slip-sheet placing.



ROBOTIC PALLETIZING SYSTEM

TRP 3000

CONTAINER	Bags, boxes, drums
PACKAGE SIZE	Consult factory

PACKAGE HANDLING ACCESSORIES

CHECKWEIGH SCALES

Taylor TCW scales provide the ability to checkweigh 15 to 125 pound bags at a rate of up to 20 bags per minute. The unit includes a scale and indicator and options for automatic reject systems and audible and/or visual alarms. Options available for check weighing of intermediate bulk containers as well.

BAG TURNERS

Taylor Products bag turners provide options to allow sealed open mouth bags to be oriented from their vertical, side profile, standing position to a horizontal, wide profile, laying down position for introduction to a bag flattener, checkweigher or metal detector. Orientations for both straight through and right angle line layouts are available.

BAG FLATTENERS

Taylor Products offers bag flatteners to condition bags for more uniform distribution and stabilization for palletizing. Bag flatteners take filled bags that typically have a larger volume of product at the base end and force material back towards the free end by running the filled bag through compression belts. These belts

are typically on an incline to both aid this process and to help raise the bags to more ergonomic levels.

SEALING

Taylor Products partners with top manufacturing vendors to provide bag closing devices in our systems ranging from sewing heads, to hot air sealers (both crimping and band sealers), to Pinch Bottom Open Mouth (PBOM) glue sealers, to Plastic Inner Liner Sealers (PILS) which seal bags with poly inner and paper outer structures.

CONVEYORS

Taylor manufactures conveyors for sealing, orienting, turning, aligning, printing or staging bags as needed to fit your system. These typically range from PVC belts for open mouth bags to wire mesh conveyors for valve bags to three chain or roller conveyors for pallets of filled bags or intermediate bulk containers.

PALLET DISPENSERS

Taylor Products manufactures automated pallet dispensers which hold up to 17 empty pallets and dispense them, as needed, into such items as our IBC3000 bulk bag filler or TRP3000 palletizer to improve safety and help in speeding up the overall system process.

> CONCEPT TO COMPLETION

At Taylor Products we understand you want precise packaging solutions that provide a strong return on your investment.

Excess capacity can drain your budget without improving the bottom line. That's why we work with you from the beginning to select and customize our products to give you what you need. We'll be there, step by step until it's right, with room to grow.

Dependable, versatile equipment. Solutions that fit.
It's the foundation of our business.



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