

Automated palletizing solutions for your every need

Robotic



Conventional



Automated palletizing is great for:

- Applications that need large capacity pallet dispensers or multiple pallet dispensers
- Palletizing cased or bundled products
- Customers wanting easy pack pattern programming

Bringing unrivaled experience to palletizing projects

Over 1,700 traditional & robotic palletizer installations

Unique to the Packaging Industry is our employees' longevity and depth of experience:

- Engineering Department personnel have average experience of 20+ years
- Project Management team personnel have average experience of 20+ years
- Production Assembly Department personnel have average experience of 19+ years
- Service/Aftermarket Department personnel have average experience of 15+ years

Robotic Palletizer



Currie by Brenton Conventional Palletizer



Palletizers

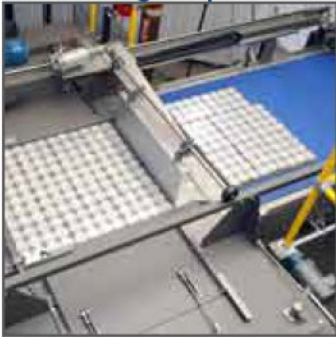
Robotic vs. Conventional - Which should you choose? See the back side of this brochure for a guide and contact one of our knowledgeable sales managers to decide which is right for your application.



CONVENTIONAL PALLETIZERS

Ideal for medium to high speed lines that require frequent product changeover

HLP High Speed



The Currie by Brenton HLP High Speed Palletizer is ideal for packaging operations ranging from 50 to over 100 cases per minute. It features extra layer(s) of accumulation for fast operation.

HLP Medium Speed



The HLP Medium Speed Palletizer reaches speeds ranging from 20 to 50 cases per minute. Bi-parting stripper plates retract from under the formed layer to settle layer on top of the pallet positioned just below. The bi-parting stripper plates reduce dwell time during layer placement.

LLP Medium Speed



The Currie by Brenton LLP Low Level Infeed Palletizer is ideal for packaging operations achieving 20 or more cases per minute. The footprint is as small as 14' x 7'.

Currie Advantages

The Currie line of conventional palletizers use proven, rugged designs for maximum reliability and value. Many Currie palletizers are still in operation after 40 years of service. Our goal is to provide the highest quality, easiest-to-use conventional palletizing systems in the industry. Currie offers solutions to meet virtually every automatic palletizing challenge with low-level and high-level infeed palletizers, case elevators, pallet dispensers, slip sheet feeders and complete palletizing systems.



Ease of Pack Pattern Programming

Currie by Brenton offers customers the ability to select existing pack patterns or program new pack patterns on the HMI, eliminating the need to use an offline computer or to plug in a notebook computer to the palletizer.

Safety designed in, not added on

Design includes important safety features, such as a framed guard door package, CAT II or CAT III safety circuits and muting light curtains. CAT II safety is standard on Currie equipment and CAT III safety is optional, meeting the requirements of the most stringent safety programs.

Brenton™

ROBOTIC PALLETIZERS

Ideal for multiple slow speed lines running same or different products simultaneously

Brenton robotic systems provide customers with flexible, high performance solutions for most end-of-line packaging, palletizing, and material handling needs such as high-speed case packing, pick-and-place, with sortation and multiple SKU routing.



How will you stretch wrap your palletized load?

All Currie and robotic palletizers can be supplied as a combo unit where the Currie or robot and an Orion Stretch Wrapper are combined in one unit. The combo units are plug compatible so that integration of the palletizer and the stretch wrapper is easy and quick.



Robotic Advantages

Brenton designs and manufactures innovative case and tray packing, palletizing, and robotic solutions. Brenton is an industry leader in servo-technology applications and developing integrated systems for complex packaging needs. Our highly experienced engineers and integration professionals help our customers achieve peak performance and value from their packaging lines. Brenton's Center of Engineering and Manufacturing Excellence is equipped to manufacture and test sophisticated end-of-line systems, including factory acceptance of complete integrated solutions. Brenton excels in designing robotic solutions and developing specialized tools for packaging multiple products on the same line for maximum flexibility and productivity.



Palletizing methods at a glance

Robotic

- Applications palletizing cases, bundles, bags or large objects
- Complex pack patterns
- Multiple slow speed lines running same or different products simultaneously
- Multiple lines where pallet types or pallet patterns need to be switched on the fly between infeeds
- Palletizing of bagged product such as flower, rice, salt or potatoes
- Palletizing of large heavy objects such as barrels, large parts such as car bumpers etc.
- Pick-to-order random case palletizing
- Flexible floor plans
- Speed range
 - Up to 10 picks per minute
 - One case up to a complete layer per pick

Conventional

- Applications palletizing cases, trays and bundles or flats
- Single product medium to high speed packaging lines
- Medium to high speed lines that require frequent product changeover without mechanical adjustment or change parts
- Multiple low to medium speed lines feeding into a single medium to high speed palletizer
- Applications that require slip sheets, layer sheets and top caps
- Lower cost
- High throughput
- Speed range
 - Low Level Palletizer up to 2.5 layers per minute
 - Medium speed high level infeed palletizers up to 3.5 layers per minute
 - High speed high level infeed palletizers up to 10 layers per minute

Current Users

Some current references for Brenton & Currie by Brenton palletizers



Bayer



GENERAL MILLS

Brenton Advantages

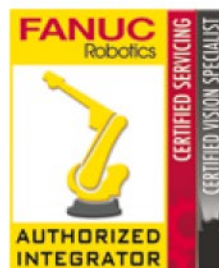
Brenton produces equipment in 4 major areas:

- Case/Tray Packers
- Palletizers
- Robotics
- Customized Solutions

... with the additional customer benefit to integrate all Brenton and customer specified equipment for a total integrated solution!



- PMMI certified national service organization
- One point of contact for all product lines
- Plant installation, limited risk with shortest path to production
- Total system integration at Pro Mach facility
- Guaranteed performance capability
- 24 hour, 98.5% aftermarket parts fill rate



Many companies advertise FANUC integration, but only 4%, including Brenton, are Certified Servicing Integrators (CSI). Brenton has uniquely skilled technicians, including:

- 5 Master Certified FANUC Technicians (highest level of certification)
- 2 Certified Service Engineers
- 6 PMMI Certified Trainers
- All Cross Trained



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