



FLEX E PACK CATALOG

R&E

ROBOTICS &
END OF LINE



The Flex E Pack is a complete packaging solution allowing for a single packaging workcell to handle case forming, packing and sealing. This type of solution is perfect for customers looking to automate their packaging lines beyond semi-automatic machinery, providing an easy to integrate, compact and ergonomic solution. Each piece of the Flex E Pack is customizable, allowing the system to be completed tailored to your application. While the finished system is completely integrated, it consists of 4 distinct parts: Case Forming, Case Delivery and Packing, Product Delivery and Case Sealing.

COMPLETELY MODULAR SYSTEM

Depending on the needs of your packaging application, different parts of the system can be tailored to suite your needs. Different number of operators, different conveyance depending on the products and footprint, everything can be customized and changed. No matter the configuration, Flex E Pack provides ergonomic two-handed case packing with minimal training required.

GROWS WITH YOUR BUSINESS

The Flex E Pack is a flexible solution that grows along with the demands of your business. The system can be customized to be upgraded with additional packing stations, faster case former/sealer, hot melt sealing and more. The standard Flex E Pack system is equipped with the following machines but can be customized to your needs.

EASY TO INSTALL, OPERATE AND MAINTAIN

The Flex E Pack can be easily placed in your facility with minimal integration or setup required. The entire system is tested prior to shipping, allowing for a seamless and quick installation process. Furthermore, with Wexxar's Pack Control, the entire system is controlled at the Wexxar case former, centralizing all controls and maintenance in one location.



HOW IT WORKS

1. Case Former

Choose your speed and seal type (glue or tape)

2. Product Delivery

Choose your speed and seal type



3. Case Delivery & Packing

Choose the number of operators (1-2)

4. Case Sealer

Choose your speed and seal type (glue or tape)

1. The Case Former forms a case and sends it to the Case Delivery Conveyors
2. The case is delivered to the operator at the Packing Station and they are able to start packing product which is delivered to them by the Product Delivery Conveyors
3. After packing, the operator presses the footswitch and the case is sent to the Case Sealer for automatic case sealing.
4. The next empty case is automatically delivered to the operator for continuous case packing.

CASE FORMING

A range of fully automatic case formers are available depending on your needs. From low to high speed with different sealing and adhesive options, the Wexxar case former is at the heart of the system as it controls most of the Flex E Pack system.



DEKKA 500

The entry level fully automatic case former combines the traditional case former design with the industry leading performance engineered DEKKA SE tape head. Ideal for applications with limited floor space and low speeds.



WF10

The base level Pin & Dome automatic case former is also able to run both left and right handed cases. For potential co-packers or operations where case handing may change often and other low speed operations desiring additional reliability.



WF20

Wexxar's most popular case former features the exclusive Pin & Dome system ensuring cases are consistently square. For mid-speed applications and able to produce at up to 20 cases per minute, the WF20 is available in tape or hot melt sealing.



WF30

Not just for high speed applications, the WF30 is also great for customers who want automatic case size adjustment. The WF30 is able to form at up to 30 cases per minute in either tape or hot melt sealing.



DELTA 1

The flagship Wexxar automatic case former combines the Pin & Dome system with the MXM System for industry leading OEE. Quick and easy case loading, minimal or automatic case size change, ultra-reliable case sealing are just some of the highlights of the DELTA 1.

CASE DELIVERY AND CASE PACKING

Wexxar Bel's case delivery conveyors provide quick and easy 2-handed case loading. Operators utilize an ergonomic foot switch for automatic case indexing. Depending on your desired throughput speed, floorspace and more, the conveyors are available in 1 or 2 person configurations.



One Person Pack Station



Two Person Pack Station

PACK CONTROL

The case delivery and case packing conveyors are controlled from the case erector, allowing both to work seamlessly without issue. Even in the 2 person configuration, either packing station can be turned off at any time and the entire system will automatically adapt; advancing cases properly and skipping pack stations when required.

PRODUCT DELIVERY

Wexxar Bel offers both in-house and outsourced product delivery options. Depending on the product size, type and how it arrives to the Flex E Pack, a variety of different rotary tables and accumulation conveyors are available. To ensure ergonomic case packing and desired throughput speeds, product needs to be consistently delivered to the packer at the right loading height.



Accumulation Table



PD50



Shuttleworth Product Delivery Conveyor

PARTNERSHIP WITH SHUTTLEWORTH

Wexxar Bel has also partnered with Shuttleworth, a ProMach sister company, which specializes in manufacturing and integrating conveyors. In particular, their proprietary Slip-Torque® roller technology gently transports products and cases without scuffing or crushing and is safe to touch for operators. Shuttleworth can work with you to customize and integrate a conveyance solution completely tailored to the application.

CASE SEALING

BEL offers a variety of different automatic case sealers available in both hot melt and tape sealing. BEL automatic case sealers use either Snap Folders or Rotary Folders for top flap folding, making them extremely reliable and safe to work with.



BEL 252

The most popular Wexxar Bel case sealer features an incredible compact footprint due to the patented Snap Folder technology. This automatic case folding mechanism is powerful enough to reliably knock down the flaps while being gentle enough for close proximity operation without the need for guarding.



BEL 250

The BEL 250 is an upgraded version of the BEL 252 with a more robust frame and better suited for around the clock operation. Furthermore, the BEL 250 is also available in stainless steel for higher corrosion resistance and better suited for cold or wet environments.



BEL 270

The BEL 270 is the most compact hot melt case sealer in the industry. Featuring Wexxar Bel's patented Snap Folder technology, the BEL 270 is suitable for all low to mid speed applications requiring glue sealing.



BEL 290

The premium BEL 290 is a high speed and robust automatic case sealer available in both tape and hot melt sealing. With a full HMI and automatic changeover, the BEL 290 is our most advanced fully automatic case sealer reaching speeds of over 30 cases per minute.

BUILD YOUR FLEX E PACK

Choose your Case Former and Case Sealer

- Based on required speed and type of sealing (tape or hot melt) required

Choose your Case Delivery/Packing Station

- Based on number of packing stations required and distance required between packers

Choose your Product Delivery

- Based on the shape and type of product as well as how it arrives to the Flex E Pack.



STANDARD FEATURES

- Quick and ergonomic case forming, packing and sealing
- On-demand case forming
- Hands free case indexing with ergonomic foot pedal
- Compact footprint with open frame case sealer
- Advanced safety features with interlocked guarding and Wexxar Bel's ultra-safe Snap Folder Technology
- Tool-less case size changes
- Dekka SE stainless steel tape heads

OPTIONAL MODIFICATIONS

- Additional packing stations
- Tape management
- Digital dial indicators for case size changes
- Automatic case size change on some machines
- Hot melt sealing
- Custom voltages
- 3" tape case sealing

OPTIONAL ACCESSORIES

- Machine leg casters
- Nestaflex accumulation conveyor



Wexxar Bel is a leading manufacturer of high-performance case and tray formers, sealers and packers, including the IPAK tray former product line that features innovative designs to precisely create hundreds of tray styles. Wexxar Bel continuously pushes the boundaries of development with patented technologies like the Pin & Dome system to exceed the demands of shifting markets, relieving operational bottlenecks in secondary packaging. Wexxar Bel is a product brand of ProMach, a global leader in packaging line solutions. As part of the ProMach Robotics & End of Line business line, Wexxar Bel helps our packaging customers protect their reputation and grow the trust of their consumers. ProMach is performance, and the proof is in every package. Learn more about Wexxar Bel at www.Wexxar.com and more about ProMach at www.ProMachBuilt.com.

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