Innovative packaging solutions for virtually every application:

**MEAT and POULTRY APPLICATIONS** including whole muscle, processed and RTE portions. Retail and institutional. Vacuum and modified atmosphere.

**CHEESE APPLICATIONS** including bulk, sliced, shredded, string, unit of use portions and more. Vacuum and modified atmosphere.

**ASSORTED FOOD APPLICATIONS** including pastas, ready-meals, institutional, etc.

**STERILE MEDICAL DISPOSABLES**

**HARDWARE and CONSUMER GOODS**

5 models for precision customizing to your packaging application:

**RP-45.** The RapidPak flagship. F-F-S technology at its finest.

**RP-55.** The original workhouse RapidPak. Hundreds in daily use around the globe.

**RP-75.** Developed for extreme depth-of-draw applications (up to 12" deep). Ideal for modified atmosphere bulk packs.

**RP-1000.** Ideal for limited floor space, shallow-draw applications.

**RP-4000.** Ideal for top formed applications such as retail bacon drafts. Small footprint for limited floor space installations.
In 1947, Chuck Yeager broke the Sonic Barrier by flying at Mach 1 speeds.

In 2012, RapidPak broke the Web Width Dimensional Barrier by building 720 mm web width machines!

Just one more breakthrough innovation from RapidPak, along with user friendly, color-coded tooling sets and side extractable forming and sealing dies.

Make Your Next Packaging Machine the Revolutionary RapidPak RP-45 and Start a Packaging Revolution of Your Own

Innovation is rooted in our DNA.

At RapidPak, we believe records are made to be broken and true champions push themselves to record-breaking levels. During 2012 for instance, RapidPak delivered machines in unprecedented 720 mm web widths, breaking the World Web Width Dimensional Barrier.

Other breakthrough technologies pioneered and perfected by RapidPak include:

- Servo motor die lifting systems
- Servo motor plug assist forming systems
- Center drive, servo, gripper chain index systems
- Fully cleanable, "washdownable" rollstock machines that are Dairy 3A compliant
- Side extractable plug assisted forming systems
- Continuous running servo jumbo unwinds that feed RapidPak’s servo driven, intermittent motion, gripper chain systems

Today, RapidPak is pleased to offer its revolutionary RP-45 to the world packaging industry.

Today’s RP-45 horizontal form/fill/seal machine is engineered for fast and easy side extraction of its entire servo lifting stations, such as the one shown above. This breakthrough design allows ongoing repair, rebuild and complete replacement of lifting stations, with unprecedented ease and speed.

Some have even hailed the RP-45 as the FOREVER MACHINE.

Turn the page for more details.
Inventing side extractable forming dies, sealing dies, confirmation stations, and plug assist systems was not enough. Now RapidPak has developed easy side extractable forming, sealing and confirmation lifting systems.

RapidPak customers can quickly and easily remove an entire lift for minor repair, major refurbishing, or even complete replacement.

And that means an RP-45 can be restored to new machine conditions forever. Not just for 5, 10 or 20 years, but forever. No wonder customers call it the FOREVER MACHINE.
A. Servo Controlled/Center Mounted Gripper Chain Drive System

For 50 years, customers have been removing stretched gripper chains and swapping them from side to side. When the gripper chain drive motor is mounted on one side of the packaging machinery, the drive shaft is actually torqued slightly disproportionately from side to side. This in turn causes chains on one side to eventually stretch more than the chains on the other side. This perpetual nuisance was eliminated by RapidPak when we developed our center mounted gripper chain drive motor system.

B. Servo Sealing
(U.S. Patent 7,490,448 B1)

Seal integrity is one of the most critical aspects of packaging. RapidPak’s servo sealing relies on precision mechanical pressure applied in a closed-loop feedback system, ensuring that consistent pressure is applied every cycle, every time. This closed-loop control system guarantees and confirms that the actual applied pressure is within the defined limits, and also allows for the collection and storage of sealing pressure data. RapidPak’s servo sealing is infinitely more reliable and verifiable than traditional pneumatic bladders which are notorious for leaking and gradually failing - almost undetectably - until it’s too late. RapidPak’s servo sealing system uses no compressed air.

C. Swing-out Electrical Cabinet Design

On other rollstock machines, the electrical control cabinet blocks access to sealing die and lifting system from the rear. RapidPak has developed a new system to split the controls into 2 separate cabinets: one for the low voltage area, and the other for the high voltage side. These hinge-mounted cabinets can swing open and out of the way, allowing full access to the sealing lifting system from the back side of the machine. This facilitates much faster lubrication, maintenance, and emergency access.

D. Servo Side Extractable Plug-Assist
(U.S. Patent 7,607,279, 7,670,138, and 8,181,432)

This system is designed in a low profile format so that infeed conveyors and auto loading equipment can still be placed directly over it. And amazingly, the entire plug plate can be removed and changed-out through the side of the plug head. No more swinging the heavy plug plate assembly up to sit at a 90° angle while the cumbersome plug plate is unbolted. Our side extractable plug assist feature allows the plate to simply slide out. Extremely quick changeovers are now a reality, even with cumbersome plug-assist systems.

E. Servo Lifting Module (Die Closing Module) with Side Extractable Tooling
(U.S. Patents 7,607,279 B2 and 7,340,871 B1)

- Quick changeovers.
- Ergonomically focused. No heavy lifting. Quiet.
- Eliminates film waste during changeover.

F. Jumbo Unwind
(Patents pending)

The RapidPak jumbo unwind handles film rolls up to 40 inches (1000 mm) in diameter. Just like normal sized rolls, the jumbo unwind rolls have to start and stop with each machine cycle. That is a lot of mass to start and stop when running at normal, high cycle rates. Even with power unwinds, the flexible film tends to neck in, as it pulls against a new roll and causes tracking problems.

RapidPak started with its standard jumbo unwind, and introduced another innovation: the servo driven jumbo unwind. During operation, the RapidPak cycles intermittently, with an index, a die closing, another index, etc. However, the jumbo unwind turns on and never stops - it runs continuously. So we have a continuous motion device feeding an intermittent motion machine. The speed of the jumbo unwind varies automatically as the roll gets smaller, but the unwind never stops until the entire machine stops, thus eliminating film necking and tracking problems.
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Processed Meat Items  
Sterile Medical Disposable Devices  
Consumer Cheese Packs  
Food Service Cheese Packages & Specialty Foods