



Retrofits and Upgrades

Octopus® Film Feeding Drive and Control

Future-Proof Equipment

Replace obsolete film feeding drive and control with current technology

Optimized Maintenance

Reduced service and spare parts required with obsolete components

Enhanced Reliability

Wireless connectivity improves control and communication of critical signals to film feed drive

Retrofits and Upgrades

Octopus® Film Feeding Drive and Control



Film feeding drives and controls are instrumental to the performance of automatic stretch wrapping equipment. With rapid technology advancements, these systems can become obsolete and diminish efficiency of the equipment, and sourcing hardware for these legacy systems in the aftermarket can be difficult.

To enhance efficiencies and improve performance, film feed drive and control upgrades are recommended on existing Octopus® automatic stretch wrapping systems built from year 2000 to today.

Work with the Signode Packaging Plus™ service team to upgrade your equipment today.

Benefits of retrofit

■ Enhanced connectivity

Replacing the current rails with wireless communication will enhance the signal performance between the film feed drive and the PLC, improving the quality of film feeding.

■ Improved serviceability

A wireless connection not only requires less labor and parts for servicing, it also minimizes the regular maintenance required when using current rails. When using wired current rail connections, the signal may be impacted by environmental conditions and voltage drops. The design of the upgraded film feeding drive makes it easier to replace than existing gearmotors.

■ Advanced modularity

When using wireless communication between the PLC and the film feed drive, more features can be added without added complexity. For example, film roping stretch patterns can be added through logic modifications, instead of physical modifications to the current rails.



Retrofit options

■ Film feeding drive and control upgrade

Replace the obsolete film feeding drive and control with an updated VFD at film carriage. In machines built between 2000-2013 the hard wired feedback from the electrical cabinet to the film carriage via current rails will be removed. Machines built after 2013 will upgrade the existing film feed drive and control to a new drive and control unit, enhancing support and maintenance capabilities.



Wireless film feed drive on film carriage



Wireless transmitter on control panel

■ Film carriage replacement

Upgrades can be done to the existing film carriage, or if needed, the entire film carriage unit can be replaced to enhance overall reliability.



Film carriage

■ CPU upgrade

A new CPU is included if the existing system does not have an ethernet port.

■ Available with Siemens S7 and Allen-Bradley PLC only