

R235 Case Erector Upgrade Options

Pearson Packaging Systems is committed to continually improving the designs of our equipment. We offer a variety of machine retrofit, refurbish and rebuild upgrades that improve changeover times, machine reliability & performance, and ease of use. With over 12,000 machines under our belt, we stand behind every machine we manufacture.

Contact Pearson's Aftermarket Sales for details:



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| Upgrade Option | Description | Changeover | Reliability | Performance | Ease of Use |
|--|---|------------|-------------|-------------|-------------|
| Magazine Extensions | Increase the length of the R235 magazine in 2 foot increments. Depending on your existing machine, up to 8 feet in length can be added to the machine. | | | | ✓ |
| Quick Adjust Mandrel Assembly | Achieve precise repositioning of the mandrel head for different case sizes. A hand crank wheel with digital counters allows for adjustment up or downstream for case positioning. | ✓ | | | ✓ |
| Quick Adjust Overhead Assembly | Allows for faster & easier adjustment of the case overhead in the forming section. A hand crank wheel with digital counters allow for easy adjustment up or down for the overhead depending on case width. | ✓ | | | ✓ |
| Quick Adjust Magazine Hold Down Assembly | Easy access hand crank wheel allows for the raising or lowering of the magazine hold down for different case sizes instead of manually repositioning. | ✓ | | | ✓ |
| Poly Belt Drive & Stabilizer | Replaces standard chain with a poly belt and stabilizer. Reduces issues related to the chain including stretching, tensioning, jumping teeth, loss of timing & eliminates the need to lubricate. | | ✓ | ✓ | |
| Ram Assembly | Ram assembly upgrade to replace obsolete parts. Includes new cylinder with heavy shocks and shock mounts to reduce machine vibration. Upgrade recommended for machines running 25 cases per minute or faster. | | ✓ | ✓ | |
| Last Board Pick Off | Minimizes the tendency for corrugated blanks to fall backward in the magazine. A pulley system is installed with a support attached that provides slight pressure on the blanks as they advance. Option allows for complete run out of cases in the magazine. | ✓ | | | ✓ |
| Minor Flap Kickers | Improves the operation of your flap kickers with the use of solid aluminum kickers, new rotary cylinders and flow controls. Also improves the control of minor flaps after being folded. | | ✓ | ✓ | |
| Kick Out Clutch Upgrade | Prevents excessive overload of the main drive due to machine jams by replacing the electronic sensor with a mechanical one. | | ✓ | ✓ | |
| Additional Tape Head | Spare tape head to have on hand for quick swap out when tape rolls are emptied. Available for 2" wide or 3" wide tape rolls. | | | ✓ | ✓ |

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| Replace 2" wide Tape Head with 3" wide Tape Head | Upgrade your tape head to accommodate a wider tape roll. Ideal for case forming applications needing more tape coverage for cases holding heavy product. | | | ✓ | |
| Custom Glue Nozzle | Custom glue nozzle designed to lay glue in the pattern specified by customer on formed cases. Can be utilized for glue savings and/or improved case sealing. | | | ✓ | |
| Discharge Tip Up | Reduce the tendency for cases to tip over after being discharged from the machine. Case is supported by a guide and tipped up before discharge onto the case conveyor. | | | ✓ | |
| Positive Case Stop | Addition of positive case stops on the major flap guide rails and a dynamic case stop to compensate for case "drifting" at the compression area. | | | ✓ | |
| Case Squaring | Ensures square case forming with corrugate that has stiff material and/or underscored flaps. Recommended for use when cases have excessive width variation. | | | ✓ | |
| Tape Sensing | Indicates low level of tape roll to notify machine operator to change out the roll to maintain production. Also indicates broken tape for the operator to reset for production. | | | | ✓ |
| Glue Detect Sensor | Replaces the mechanical sensor switch with a diffuse photoeye to trigger glue application onto the case. | | ✓ | | |
| Allen-Bradley® Guard Door Interlocks | Replaces existing interlocks and provides a door circuit rated for Category 3. | | ✓ | | |
| Allen-Bradley® PanelView Upgrade | Update or add on an Allen-Bradley® PanelView HMI interface for improved operator interaction with the machine. Easy to use interface reduces operator error and changeover time. Available in various models. | ✓ | | ✓ | ✓ |
| Multiple Speeds Option | Upgrade your drive system to add the ability to increase the speed of the R235 or to have the ability to run multiple speeds based on production needs. May require VFD upgrade. | | | ✓ | ✓ |
| Three Light Beacon and Horn | Addition of a light beacon and horn stack to the R235 improves operator awareness of the status of the machine. | | ✓ | ✓ | ✓ |
| Variable Frequency Drive Upgrade | Changes out standard motor starter to Variable Frequency Drive to add ability to run multiple speeds on the R235. | | | ✓ | ✓ |
| Complete R235 Machine Refurbish | Refurbish the R235 Case Erector in your facility with a complete replacement of cylinders, bearings, rod-ends, flow controls, chains, shafts, and sprockets along with other items needing replacement due to the age of the machine or discontinued parts. Service is recommended for the Complete Refurbish of the R235. | | ✓ | ✓ | |

800.732.7766

www.pearsonpkg.com/R235-Case-Erector-Upgrades