

THE ULTIMATE GUIDE TO CASE ERECTORS

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LEARN WHAT CASE ERECTORS ARE, WHAT THEY CAN DO FOR YOUR BUSINESS, AND THE CONFIGURATIONS WE OFFER

What Is A Case Erector?

Case erectors are systems which take in Knocked Down Flat (KDF) containers, with the manufacturer's joint already sealed, and assemble them into fully formed cases. These cases are usually corrugated Kraft cardboard in the Regular Slotted Container (RSC) style, but can also take the form of Half Slotted Containers (HSCs), All Flaps Meet, Reverse Flaps and Tablock style containers.

Case Erectors provide immense value to your organization by providing you with uniformly, securely built cases, assembled faster than an individual working by hand could accomplish. In the long term, this frees up your manpower, increasing productivity, and saving valuable time and money on the back end of your manufacturing cycle.

Numerous industries utilize Case Erectors to increase efficiency, including but not limited to:

- Brewing and bottling
- Pharmaceuticals
- Cosmetics
- Homecare
- Electronics



**FORMED CARDBOARD BOXES
ON A CONVEYOR BELT**

Each of these industries prizes efficiency of production and staying on the cutting edge of manufacturing technology. Case Erectors can be produced in automatic, hand loaded and fully robotic configurations, giving you the flexibility to pick the option for your need, whether you're retrofitting an existing product line or building a new one from the ground up. Additionally, Case Erectors can utilize toolless changeover, keeping up with the demands of a changing production environment and the packaging to go with it.

The Full Product Line

Wayne Automation has a full line of Case Erectors for every industry, application and size requirement you can imagine. All of our machines are controlled by a full color touch screen, feature toolless changeover and automated anti intrusion switches for maximum workplace safety.



Fully Automatic Changeover

This category comprises the WLRV-CE Case Erector, designed for toolless changeover through it's servo driven operation. The WLRV-CE can handle RSC and HSC in both left hand and right hand configurations.

Compact Footprint

For smaller firms or production lines with space efficiency on the mind, we offer numerous

models to meet your needs. These include the WMCE Vertical Case Erector, WCE Case Erectors and the CE-2100 Case Erector, for entry level clients.

Maximum Versatility

For clients who need the flexibility to construct different styles of boxes, we offer the CE-15/22 Case Erector and the Mod B Case Erector, which are designed for the widest variety of case styles, as well as servo driven control for smooth operation.

Maximum Speed

If ensuring a rapid packaging line is your top priority, we offer the VCE Case Erector, a vertically discharging case rector capable of handling 75 cases per minute.

Specialty Applications

For unique applications, Wayne has you covered. Our CE-20/30 Case Erector is built for oversized and Tablok style cases, while the CE-24/30 is built for oversized cases with interlocking bottom flaps. The Tablock Case Erector finishes out this category, specifically designed for processing tablok cases at high speeds.

Fully Automatic Changeover

Keeping up with a changing product portfolio can be challenging, but your Case Erector technology can ease the burden. Wayne Automation's Large Range Vertical Case Erector, model [WLRV-CE](#) is built for OEM's who need to handle a wide variety of case sizes and styles on the fly.

The WLRV is our dedicated model for fully automated, toolless changeover, meaning you can change the case sizing solely through the touch screen, saving labor and lost time which would normally be spent bringing your production line to a halt. Unique among the Wayne Automation product line, the WLRV-CE can change between left hand and right hand KDF's at the push of a button.

We're proud to say the WLRV-CE Case Erector is the only system on the market capable of handling cases from 6" x 6" x 4" all the way up to 24.5" x 20" x 18", and can vertically erect both left and right hand style cases. This is accomplished by a fully servo driven system, which carries out all changeover commands. Our multi axis servo system is currently patent pending, providing an unmatched value

proposition for a fully automated erecting system.

For further automation of a fast moving production line, the WLRV-CE can be paired with our Automated Magazine loader, removing the need for an operator to manually load the Case Erector.

The WLRV-CE Case Erector can produce up to 35 cases per minute in both RSC and HSC styles, featuring a hot glue melt system, and our standard suite of safety features, including lexan safety doors and automated anti intrusion switches.



WAYNE AUTOMATION
WLRV-CE CASE ERECTOR

Compact Footprint

Wayne Automation case packers started with the craft brewing industry; small suppliers who had to be conscious about the square footage of every machine on their floor. We continue our dedication to the small suppliers with our line of Case Erectors designed for minimal footprint sites.

WMCE Vertical Case Erector

The [WMCE Vertical Erector](#) is designed for customers who need an affordable, small footprint solution. This is a purely mechanical system, utilizing compression mandrels and mechanical cams, offering ease of troubleshooting. The WMCE builds up to 20 cases per minute, discharging them vertically, and secured via an ITW Dynamini Hot Melt Glue System.

WCE Case Erector

The [WCE Case Erector](#) offers reliable performance on a budget, producing 30-35 cases per minute. This reliable, affordable option features an all mechanical solution and hot melt system like the WMCE, with the addition of a

Dekka tape head for 2" or 3" tape. Additionally, the CE-2100 can handle RSC, HSC and AFM style cases, providing you with compact versatility in an entry level system.



**WAYNE AUTOMATION
CE-2100 CASE ERECTOR**

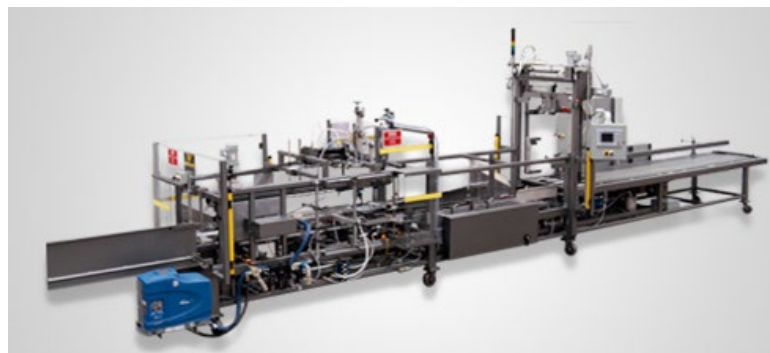
Maximum Versatility

When you need to prioritize flexibility on your shipping and packaging line, Wayne Automation has you covered. Our CE-15/22 Case Erector and MOD B Case Erectors are built for a wide range of case types and adhesive closure methods all without sacrificing efficiency and throughput.

CE-15/22 Case Erector

The [CE-15/22 Case Erector](#) covers the widest range of case styles and adhesive options, including RSC, HSC, AFM and Tablok cases, with options for tape, Nordson hot melt or cold glue. This Case Erector is available with fully motorized adjustment for automated changeover, similar to the WLRV-CE Case Erector, but even in its base configuration, toolless adjustment makes changeover quick and easy. If you opt for a motorized CE-15/22, pre programmed products can be selected from the Allen-Bradley Color touchscreen for ease of use.

The CE-15/22 Case Erector can achieve speeds of up to 35 cases per minute, and with millions of combined operating hours in the field, this system is proven under 24/7 conditions.



WAYNE AUTOMATION
MOD B CASE ERECTOR

Maximum Speed

For around the clock businesses prioritizing speed above all else, Wayne has just the Case Erector for you, in our [VCE Case Erector](#). The VCE Case Erector is designed for maximum throughput and efficiency, assembling RSC, HSC and AFM style cases at up to 75 cases per minute. The VCE Case Erector is vertically oriented, discharging cases upright after being sealed from the bottom

The VCE Case Erector is designed from the ground up for reliable case forming even at high speeds, and uses interior and exterior compression mandrels to ensure cases are glued securely and squarely. Fully motorized adjustments are available, allowing for pre grammed selections to change over automatically, but all changeovers can be done by hand; even the mandrels remove via a pull pin.

Speed isn't just a factor in operation, but in downtime and maintenance too. Therefore the VCE Case Erector was designed for fast, efficient maintenance. The driveline features automatic tensioners to increase component lifespan,

which lubricant points are centralized outside of the system. Our Total Planned Maintenance (TPM) system, an optional add on, will inform you of regular maintenance tasks, with full color instructions on the color touch screen.



VCE CASE ERECTOR

Specialty Applications

Wayne Automation is no stranger to turnkey engineering and custom requests, which is why we offer a robust line of Case Erectors for unique, specialty applications.

CE-20/30 Case Erector

The [CE-20/30 Case Erector](#) is designed for forming oversized cases, with maximum dimensions up to 30" long, 20" wide and 30" high. Based on our highly successful CE-15/22 Case Erector model, the CE-20/30 can handle RSC, HSC, AFM and Tablok style cases, with the option for tape or hot melt glue closure, and with a maximum throughput of 35 cases per minute

CE-24/30 Case Erector

The [CE-24/30 Case Erector](#) is a specialty system designed for jumbo sized cases with interlocking bottom style cases. This system can handle RSC style cases with dimensions up to 30" long x 24" wide x 20" as well as HSC style cases up to 30" long x 24" wide by 42" high. The CE-24/30 Case Erector can form up to 8 cases per minute and has a surprisingly small footprint, only 8' by 12'.

Tablok Case Erectors

Wayne Automation sets the gold standard for tablock (Tablok) cases, and for this task we offer multiple different erectors. The [MOD B series](#) offers servo driven performance with a 40 CPM throughput while the [CE-20/30TL](#) handles large format Tablok cases at up to 35 CPM.



WAYNE AUTOMATION
CE-24/30 CASE ERECTOR

About Wayne Automation

Wayne Automation has been a leader in innovation in the packaging and automation industry since 1976. Owing to our products' rugged construction and exceptional reliability, they became a popular choice in the glass and container industry, where 24/7 operation is standard. Today, we're proud to offer packaging equipment for every stage of your process, packed up by our on the ground field service technicians and available upgrades as we improve our products.

Contact Us

If you've identified the Case Erector for you and want to get a quote, or want to speak with us to find out which product suits you best, please [contact us](#) so Wayne Automation can get to work for you!

