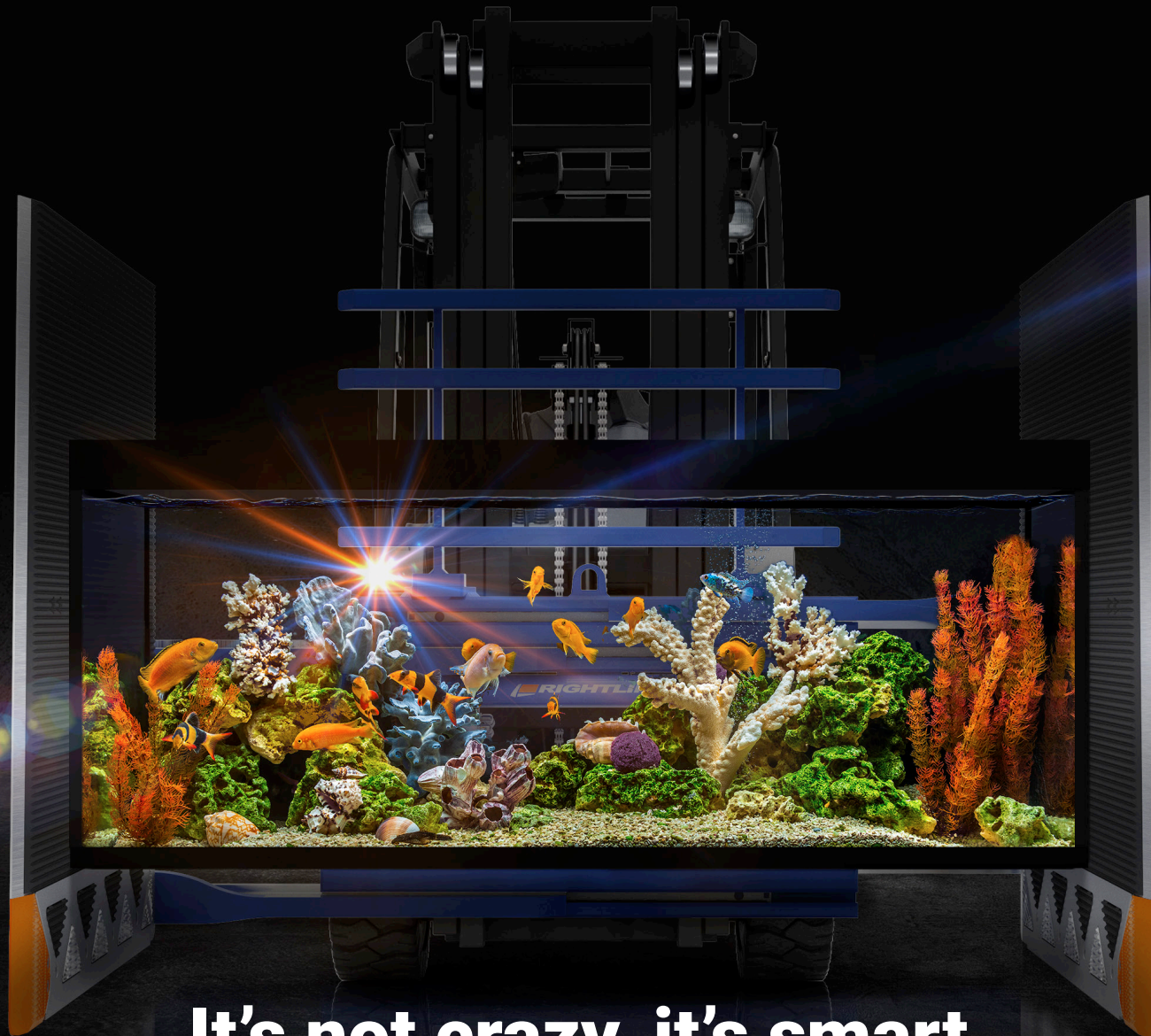


 SMART CLAMP



It's not crazy, it's smart.

 **RIGHTLINE**

It's an autopilot for your attachment.

Equip your team with the ultimate productivity tool for carton handling. Rightline introduces Smart Clamp technology with microprocessor-managed hydraulics that sense engagement and stop arm movement to deliver exact force for any clampable item.

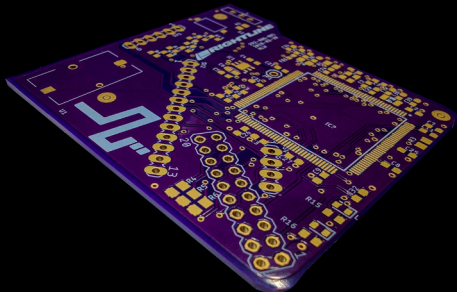
Digital intervention lets beginners perform like expert operators. Workforce Intelligence simplifies training as smart clamping can be mastered in minutes. Ensure delicate hold for fragile cartons and secure grip for your most challenging loads.

Rightline innovation far surpasses hydraulic force control offered by others. Weight-based systems are inherently flawed with no ability to adjust until the load is already clamped and lifted, too late to protect sensitive product! Clamps with relief devices slow to a crawl at low settings, regardless of hydraulic, electric, bladder or manual adjustment, and never match Smart Clamp's gentle touch.

Smart Clamp uses no reliefs. It's the only attachment with electronic valving to both sense and control the grip. The only one capable of ultra-soft hold with digitally limited force output that can be even less than what is required to slide the arms!

Clamp with Confidence

Operation is simple and intuitive. Just engage the load and pull the control lever. Don't worry about squeezing too hard. The computer halts movement automatically, even when clamping at full speed! Smart Clamp recognizes contact and precisely limits force as set in sequential levels. Display screen and LED colors indicate locked position and force applied. If more grip is required, just pull the handle again. Smart Clamp locks at force set for the next channel and the display readout advances and re-colors to indicate. Unclamping auto-resets the system to starting level. Drivers have no selector to inadvertently misapply so they cannot accidentally over-clamp. Handling correctly has never been so easy.



Automated Protection

Smart Clamp "feels" load contact and automatically stops arm movement to squeeze precisely as programmed. Activate up to five sequential, color-coded clamp levels using the Rightline touch-screen/LED display. Blue, green, yellow, orange or red illuminate as Smart Clamp halts and exerts exact lb/force set for the corresponding channel. Enter management pin code to access options and toggle levels on/off or change default force values as desired. No technician, no tools, no gauges, no mess to clamp exactly the way you want.

Installation Uncomplicated

Smart Clamp is self-contained, requiring only standard hydraulic connections and either 12v power routed to the carriage or an optional battery pack. Installation requires no plumbing to the hoist circuit, no operator compartment controls, no switches or sensors, no gauges, no calibration and no special maintenance.

Microprocessor Multi-Tasking

Rightline produces electronics and software in-house to deliver a new generation of attachment capability. No need for clamp force testing as precise grip levels are simply keyed in. Input is always full pressure and flow so speed is maintained even with extremely light clamp force. Smart Clamp stores surplus energy then monitors and maintains grip throughout the carry cycle. It can even alarm when loss of clamp force is detected. Optional functions include clamp open guard, leveling indicator, work lighting and more.

