

**StrongArm™ HVR303**

**BLUE GIANT®**



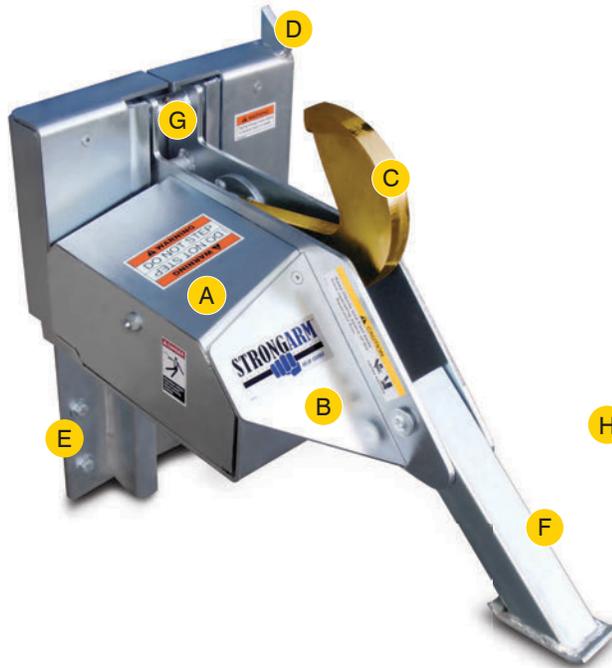
**STRONGARM™**  
Vehicle Restraint  


VEHICLE RESTRAINT SYSTEM

BUILT STRONG • HOLDS STRONG

## STANDARD FEATURES

- A Built to Last:** Dual finish trivalent dychromate zinc-plated steel housing protects internal components from collision damage, corrosion, and rusting.
- B Low Profile Carriage:** 9" (228mm) above grade and complies with NHTSA guidelines.
- C Rotating Hook:** High visibility electro-mechanical hook secures ICC bars from 9" – 26" (228mm–660mm) above grade.
- D Lip Guide:** Prevents the dock leveler lip from impacting the restraint.
- E Wall Mounted Track Assembly:** Strong wall mounted anchor framed bracket with 25½" (648mm) track.
- F ICC Bar Guide:** Steel mechanism ensures proper positioning of the restraint when contacted by an incoming truck.
- G Instant Mechanical Compensation Float:** Automatic vertical range adjustment of 16" (406mm) compensates for air-ride suspension systems and cross-docking bounce.



- H Blue Genius™ Gold Series II:** Touch Control Panel with advanced lights communication package, audible alarm and touch buttons, and driver warning signs enable safe and efficient operation of the HVR303.



Many parts may be interchangeable with similar models.  
† Sizes are not to scale.

## Strength You Can Depend On

- With a restraining force of 32,000lbs (14,545kgs), the StrongArm™ HVR303 helps prevent the dangers associated with unexpected horizontal or vertical trailer movement.
- A high visibility hook-style restraint arm safeguards against unscheduled truck departures, keeping cargo, equipment, and forklift operators safer during loading and unloading.
- A rugged steel ICC bar guide accurately guides arm positioning.
- Complies with ANSI MH30.3 Standard.

## Instant Mechanical Compensation Float

- The HVR303 services a wide variety of trailers, including those with bent or damaged ICC bars (a.k.a. RIG bars or underride guards).
- Ability to adjust automatically to trailer motion ensures compatibility with air-ride suspension systems.

## Green Power

- Powered by electricity, the HVR303 is an environmentally sustainable alternative to hydraulic systems.
- Low operating cost: only pennies an hour.
- Can be interlocked with Blue Giant air-powered dock levelers to build a 'green' loading dock solution, allowing builders and developers to qualify for government incentives as well as project the image of an environmentally responsible business.

## Intelligent Touch Controls

- The Blue Genius™ Gold Series II Touch Control Panel features include an LCD menu screen, function buttons and a flat-surface keypad with unique touch sensors.
- Interior and exterior LED lights keep drivers and warehouse personnel advised of safety conditions.
- Audible alarm built into the control panel alerts the dock attendant to potentially unsafe conditions, such as broken or missing ICC bars.
- Audible touch buttons and keypad provide instant sound feedback to user input.

## A Solution for Special Applications

- The HVR303 is wall-mounted, which presents an ideal solution for sites that do not support ground mounting.
- Minimal clearance is required for successful engagement, ensuring compatibility with 3-axle trucks and other vehicles that present difficulties for higher clearance restraints.

