

## **flexilock** Hydraulic Trailer Restraint System

The Flexilock is a fully-hydraulic safety system designed to restrict trailer movement by locking onto the ICC bar during loading and unloading operations.

Unlike less-effective "hook-style" designs that rotate or rise into position, the

Flexilock actually seeks out the underside of the ICC bar and locates the single locking hand to ensure proper engagement.

Designed to offer the greatest service range (13" to 30" off ground), the Flexilock

is engineered to withstand 35,000 lbs. of pulling force.

For added safety, a high-visibility red/green communication and dual-image warning signs are also included.

### **Locking Arm Construction**

Single position locking hand

Resists 35,000 lb. of pulling force

13" to 30" h above ground working range

### **Rigid Sub-frame Construction**

Heavy-duty 1/4" thick 50,000 PSI yield mounting plates

2" x 3" rectangular tube steel impact guards

12-1/4" h collapsed height

Easily cleaned & serviced

### **Hydraulic Pump & Motor**

Internally, wall-mounted 115V/1 phase/60 Hz hydraulic power pack

Hydraulic extension cylinder

Totally enclosed & sealed hydraulic system

Fully-enclosed & non-ventilated motor

Fully-gasketed 2-function NEMA 12 control box w/ opposing red & green operation function warning lights & amber light to signal unlocked trailers

Activation selector switch

### **Communications & External Light Package**

85 dB warning alarm signal

High-visibility dual-image safety yellow warning signs

Low-profile exterior red & green communication package (Not shown)



**flexilock** Manual Trailer Restraint System



**Typical Installation**

The locking system is positioned by using a plunger rod to disengage a booster spring and air shock lifting mechanism to raise the arm into position with the ICC bar. Communication & External Light Package is optional.