

Low Profile Vehicle Restraint DE2000

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in
door opening solutions



Vehicle restraints were developed specifically to reduce the occurrence of accidents at the dock. The DE2000 rotating hook restraint — our superior, impact-style trailer restraint — combines an advanced communication system with a low-profile carriage. It also has an impact extension bar that accommodates a wide range of lower rear impact guards.

- Patented IP67S rated motor with electromechanical brake. No adjustment needed!
- Low profile, 9" carriage has a service range of 9"-25" off grade
- Automatic re-engagement
- Zerk grease fittings on roller shafts
- Watertight electrical connectors
- Zinc-plated yellow dichromate finish for superior corrosion resistance
- Restraint positioned automatically by backing trailer
- Captures NHTSA regulation rear impact guards
- LED internal/external light and sign communication
- Standard keyed bypass/override switch with audible alarm
- Optional 30A interlock feature

Optional features:

- 30A "Green Light" Interlock
- Aerial Safety Lights
- Outside light/sign mounting brackets



OPERATION

As the trailer backs into the loading dock, the rear impact guard contacts the restraint housing and positions it down toward the ground. Once the trailer is backed against the bumpers and fully in position, the dock attendant depresses the “ENGAGE” button, causing the rotating hook to engage the rear impact guard and secure the trailer to the dock. The hook mechanism can withstand in excess of 32,000 lbs of pullout force. The DE2000 maintains constant contact with the rear impact guard and automatically adjusts to the vertical motion of the trailer to ensure positive engagement at all times. A standard audible alarm warns the dock attendant when the rear impact guard has not been properly secured. Once loading/unloading is complete, the dock attendant depresses the “RELEASE” button to disengage the restraint.

COMMON OPTIONS

- 30A Interlock Kit
- Aerial Safety Lights
(available for standard DE2000 control box only)
- Outside Light Bracket
- Outside Sign Bracket

COMMON ACCESSORIES

- Brick Bracket with Pit Floor Plate
- Low Dock Bracket with Pit Floor Plate
- Pit Floor Plate
- Self Standing Bracket
- Safety Yellow Stanchion for Control Panel Outside Light
- New Construction Embed Plate
- Self Standing Bracket for AEOD with Epoxy Anchors
- 1/2” Shim