



ALAPONT
GLOBAL

Accessories for loading docks

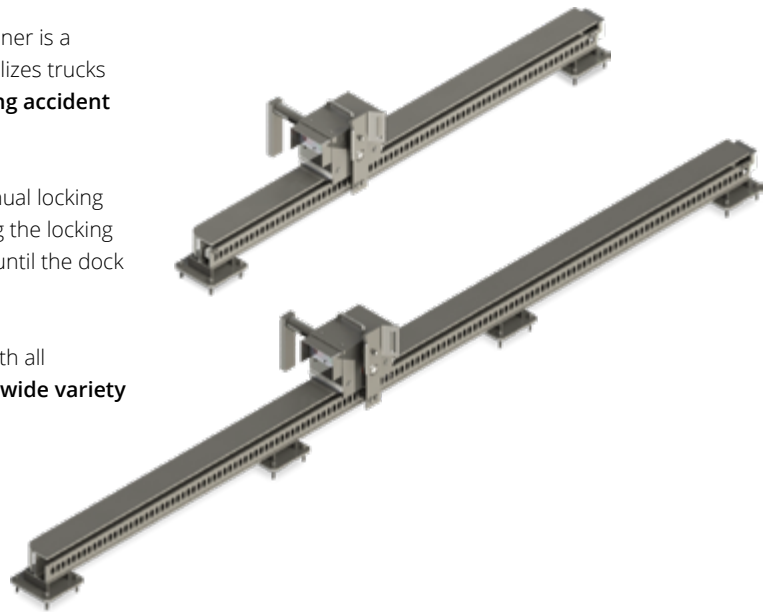
WHEEL-LOCK VEHICLE RESTRAINTS

The Alapont Global **wheel-lock vehicle** restrainer is a heavy-duty vehicle locking system that immobilizes trucks until loading/unloading is complete, **minimizing accident risks in the work area.**

The Alapont Global manual restrainer is a manual locking system that prevents the driver from removing the locking cylinder during loading/unloading operations until the dock door is closed via electromagnetic action.

It adapts to all types of doors, is compatible with all suspension systems, and **can operate with a wide variety of trucks**, simplifying its application.

- Easy and intuitive to use.
- Electromechanical system requires minimal maintenance.
- Adaptable to all types of automatic doors.



TECHNICAL SPECIFICATIONS

TECHNICAL DESCRIPTION

Horizontal Working Range: 3,000 mm to 5,000 mm.

The 0.51 m high locking arm immobilizes virtually any trailer with tires from 0.76 m to 1.1 m in diameter.

Coupling Range: 1.1 m to 4.0 m.

Allows for vertical movement of the truck during loading and unloading.

Compatible with all suspension systems (pneumatic, leaf spring, etc.).

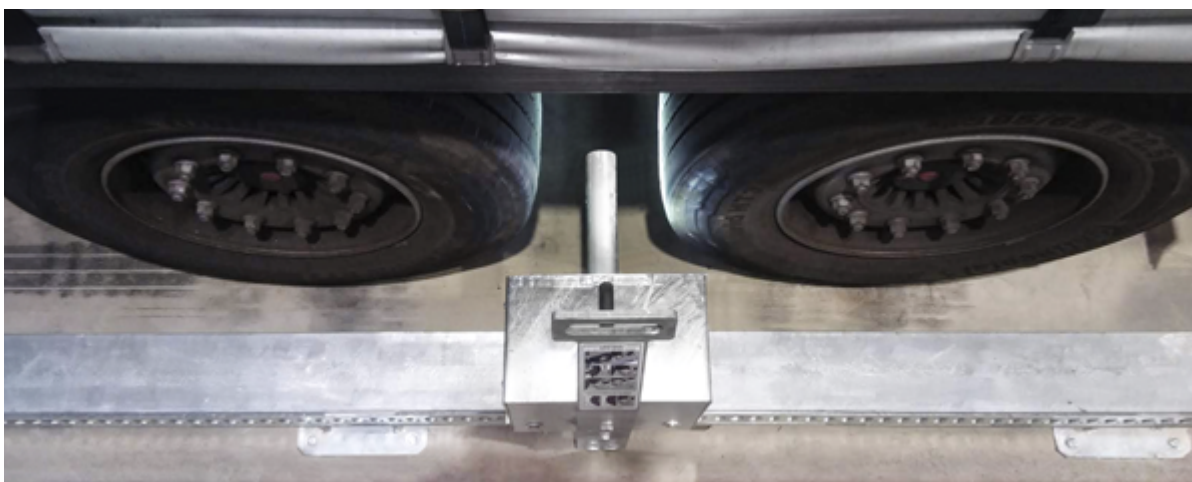
Hot-dip galvanized steel components for corrosion and rust protection.

Assembled product for mounting on concrete floors, secured with metal or chemical anchors.

High performance in any weather conditions.

Adaptable to a wide variety of trailers, including trailers with lift gates, standard cargo trailers with or without RIG (referring to a type of container or chassis), and chassis for intermodal containers.

INCLUDES:



- Robust steel housing: Protects all internal components from impacts.
- 70 mm diameter round retaining arm: Prevents unexpected truck movement.
- Support foot on the reinforcement axis: Prevents axis deformation from uncontrolled movement.
- Traffic light: Informs users of safety conditions and intended use.
- Integrated external alarm: Alerts the user to incorrect retaining arm positions.
- Integrated internal alarm (in control panel): Alerts the user to incorrect retaining arm positions.
- Automatic activation white light: Illuminates the truck movement area.
- Synchronized operation: The restrainer operation is synchronized with the door and loading dock, preventing misuse or unintended use of the loading point.
- Electromagnetic locking of the retaining arm.
- Emergency release system for the restrainer.

TECHNICAL DATA

	Manual	Manual XL
Weight	-	-
Length	3000mm	5400mm
Mounting	Concrete floor	Concrete floor
Ø Locking arm	70mm	70mm
Locking height	370mm	370mm
Carriage finish	Hot-dip galvanized steel	Hot-dip galvanized steel
Structure finish	Electro-galvanized steel	Electro-galvanized steel
Truck compatibility	All	All

CONTROL PANEL



CONTROL PANEL INCLUDED

CONTROL VOLTAGE 24v

SINGLE-PHASE POWER SUPPLY 110-240 V AC

- Includes 5 metres of wiring from the external unit to the indoor control panel.
- The vehicle restraint's emergency release system is activated by means of an electromagnet.
- The system includes a signal light on the vehicle restraint and an additional three-LED indicator on the indoor control panel. Both indicators operate simultaneously to confirm that the vehicle is correctly secured.

REGULATIONS AND CERTIFICATION

EN 349:1994+A1



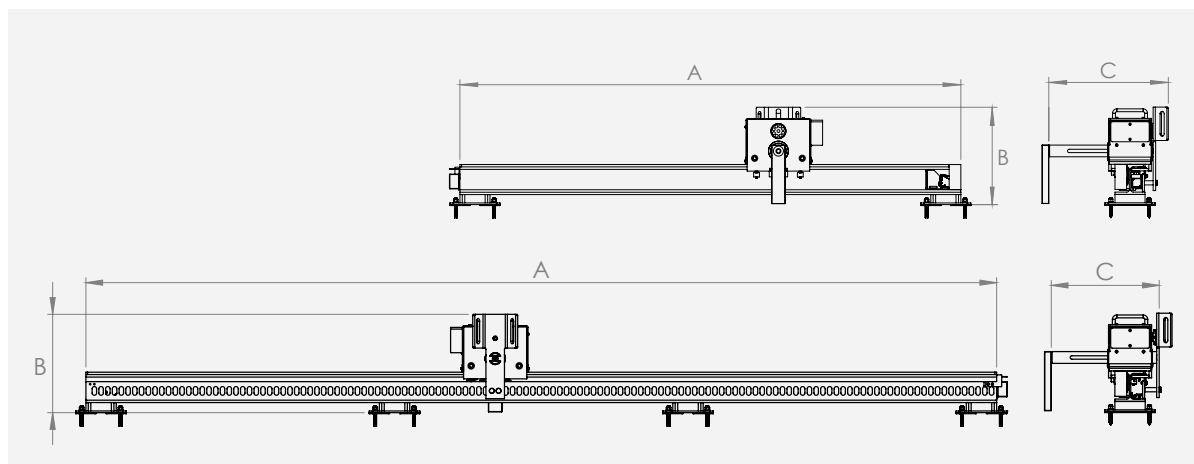
EN 1570-1:2012



MAINTENANCE

- Minimal maintenance required.
- Follow manufacturer's recommendations.

DIMENSIONS



REF.	A	B	C
0601A0201000	3000mm	583 mm	716 mm
0601A0101000	5400mm	583 mm	640 mm
0601B0102000	3000mm	583 mm	716 mm
0601B0101000	5400mm	583 mm	640 mm

BASIC INSTALLATION REQUIREMENTS

It is recommended to install two centering guides to ensure centered trailer positioning, protect the facility wall, and improve the effectiveness of the dock seal or shelter.

