

**GMR**  
SAFETY



# POWERCHOCK **AUTO**

AUTOMATIC VEHICLE RESTRAINT

THE GENUINE  
**POWERCHOCK® CONCEPT**  
AUTOMATED.



PATENTED

**POWER  
CHOCK**

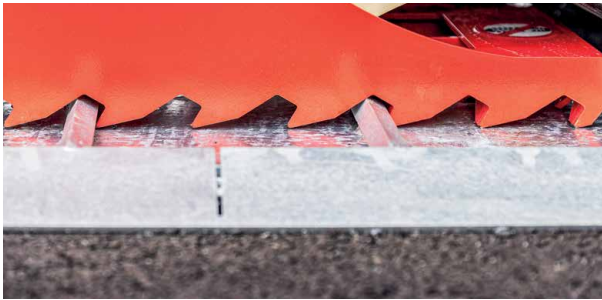
## THE UNIQUE **POWERCHOCK**<sup>®</sup> CONCEPT

TO ENSURE THE **SAFETY OF YOUR LOADING DOCK WORKERS.**

The patented **POWERCHOCK**<sup>®</sup> system is the simple combination of a wheel chock and a ground-anchored restraining plate.



For about 30 years, it has provided the most reliable restraining capacity, effectively preventing the widest range of vehicles from leaving prematurely a loading dock. The pressure exerted by the wheel on the chock is transmitted directly from the front, and no torsional force is applied.



Made of high-tensile steel, the **POWERCHOCK**<sup>®</sup> can withstand up to 25 tons of pull-away force without breaking.



The chock and restraining plate combination, with its multi-point contact, blocks the wheel and helps prevent unexpected departures and trailer creep.



**ROBUST**



**RELIABLE**



**SIMPLE**

## **INDESTRUCTIBLE. GUARANTEED.**

Proof of their robustness, all **POWERCHOCK**<sup>®</sup> models are covered by a 5-year warranty.

**EXCLUSIVE**



**WARRANTY**

- Unique 5-year warranty on the chock and restraining plate.
- GMR Safety is the only manufacturer in the industry that warrants its restraint system against unscheduled departures.
- Remains valid even if serviced by a technician not approved by GMR Safety.

# POWERCHOCK **AUTO**

THE GENUINE POWERCHOCK® CONCEPT. AUTOMATED.

**POWERCHOCK **AUTO****, the ultimate evolution of almost 30-year-old proven concept, is a simple, versatile, reliable and semi-automatic vehicle restraint system.

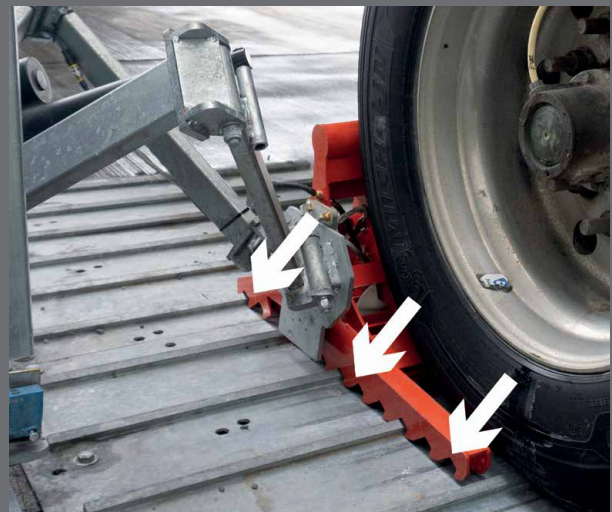
Inside the facility, an operator presses a button on the control panel that automatically positions the wheel chock in front of the wheel. No driver intervention is required to set the wheel chock and secure the vehicle.

**POWERCHOCK **AUTO**** is equipped with high-quality optical sensors that can detect the wheels up to 6,60m from the wall to secure all types of vehicles.

## DESIGNED TO RESIST & TO LAST



**POWERCHOCK **AUTO**** mechanical movement system is not subject to any torsional forces as all the pressure exerted frontally by the vehicle is transferred to the POWERCHOCK®, gripping to the restraining plate.



## UNIVERSALLY COMPATIBLE.

**POWERCHOCK** *AUTO* secures all types of vehicles, up to 6,60m from the dock wall:



- Semi-trailers
- Straight trucks
- Swap bodies
- Delivery vans (*coming soon*)
- Trucks with liftgate



## ONE SYSTEM FOR ALL YOUR NEEDS.

The logistics industry is constantly undergoing remarkable transformation, forcing players to adapt accordingly, and very quickly.

Because we customize our solutions to meet each client's needs by focusing on enhancing their operational effectiveness and lowering their overall cost, **POWERCHOCK** *AUTO* has been designed to restrain any type of vehicle, thanks to the various chock models available.





## EFFECTIVE COMMUNICATION FOR UTMOST SAFETY.

### DOCK LEVELER/DOOR - WHEEL CHOCK INTERFACE.

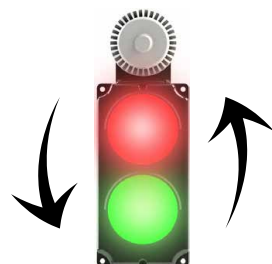
The dock leveler and/or door can be operated by the loading dock personnel only if the chock is properly set in front of the wheel - the correct position of the chock being confirmed by a sensor.



Control panel inside the facility

### SUPERIOR COMMUNICATION SYSTEM.

Visual (red/green lights) and audible (audible alarm) devices inform the warehouse workers inside and the driver outside about the position of the chock and the safe availability of the loading dock.



Traffic lights outside the facility

### FULL VISIBILITY. BETTER CONTROL.

To meet the European requirements, **POWERCHOCK AUTO** is equipped with a camera on the outside, facing the loading area, and a screen on the inside, next to the control panel.

This visual communication system allows the operator to ensure that the loading area is devoid of any human presence prior to the deployment of the wheel chock.



A close-up photograph of a red metal component, likely a part of a safety device. The component is triangular in shape and features two silver screws near the top. A metal rod is visible at the top, and another metal rod is visible at the bottom, passing through a slot in the red metal. The background is a blurred, dark, textured surface.

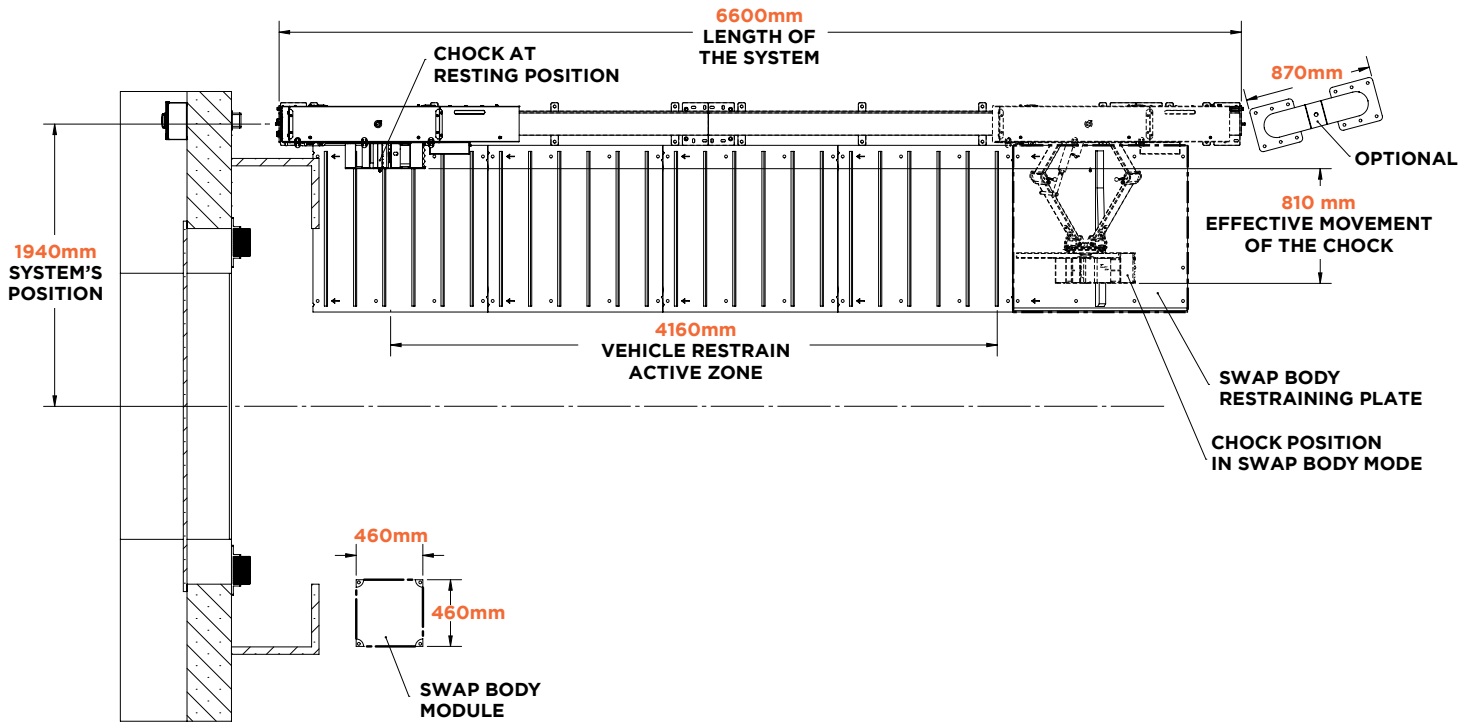
**OUR INNOVATIONS. OUR PATENTS.  
OUR INTELLECTUAL PROPERTY.**

**GMR Safety is proud of its patented technology.**

Comprehensive protection of our product innovations is of high importance to us. Through our sister company 9172-9863 Quebec, our innovations are subject of numerous patents, patent applications, design patents and enjoy corresponding protection in various countries, for instance

CA 2,987,966, CA 2,732,484, CA 2,638, 717, CA 207400, CA 207401, CA 2, 931,849), US 10,793,119, US 8,590,674, US 10,793,119, US 8,590,674, US D987542, US D995394, US 10,864,895, US 11,479,217, US 11,535,209, and in certain member states of the EU, for instance EP 3303073, EP 3074282, EP 3681771, DM/230159, DM/227432, and DM/216658.

# TECHNICAL LAYOUT.



Please refer to the installation manual for detailed information and specifications.

## TECHNICAL SPECIFICATIONS

- Max width chock position: 810mm
- Active zone length truck: 4800mm
- Power consumption: 900W/30secs (1 cycle)
- Mains electricity: 6 Amps 230 Volts
- Parts completely galvanized or zinc-plated and powder coated paint
- Vehicle restrain active zone: 4160mm
- Standard chock position for swap body: 5350mm
- Restraining force: 25 tons

## OPTIONAL WHEEL GUIDE



## COMPLIANCES

- ED 6059 recommendation (Design and renovation of docks for safe docking, loading and unloading of heavy goods vehicles)
- Machinery Directive 2006/42/CE

GMR SAFETY has been designing and manufacturing high-performance, tailored and innovative safety solutions for loading bays across the world since 1996.

Our unique value-driven, user-first approach puts you at the heart of what we live passionately: to ensure safety through the power of next-level technology, proven effectiveness and lasting, trusted partnerships.

## Innovating safety for life, together.



**France**

+33 3 20 88 44 58



**Germany**

+49 211 - 97 53 19 50



**UK**

+44 20 8133 6483



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