

# INDUSTRIAS DUERO

Excellence Brand in Road Safety Systems



[www.industriasduero.com](http://www.industriasduero.com)

2024

## INDUSTRIAS DUERO

Is a highly reputed Spanish industrial company established in 1952, metal structures' manufacturer and a leader within its own fields of activity, Road Safety Systems and the manufacturing of Steel Structures and components. Our facilities comprise more than 250.000 m<sup>2</sup> of industrial land, of which, about 50.000 m<sup>2</sup> are manufacturing facilities which provide a combined production capacity exceeding 7.000 kilometers of Road Safety Equipment every year, plus a huge additional capacity in the fabrication of Steel Structures for various applications.



## MISSION

For more than 7 decades primarily working in the Road Safety Systems, our company has made a permanent wager on the Quality and Safety of all its products, with the aim of protecting people and reducing the social impact of traffic accidents worldwide.

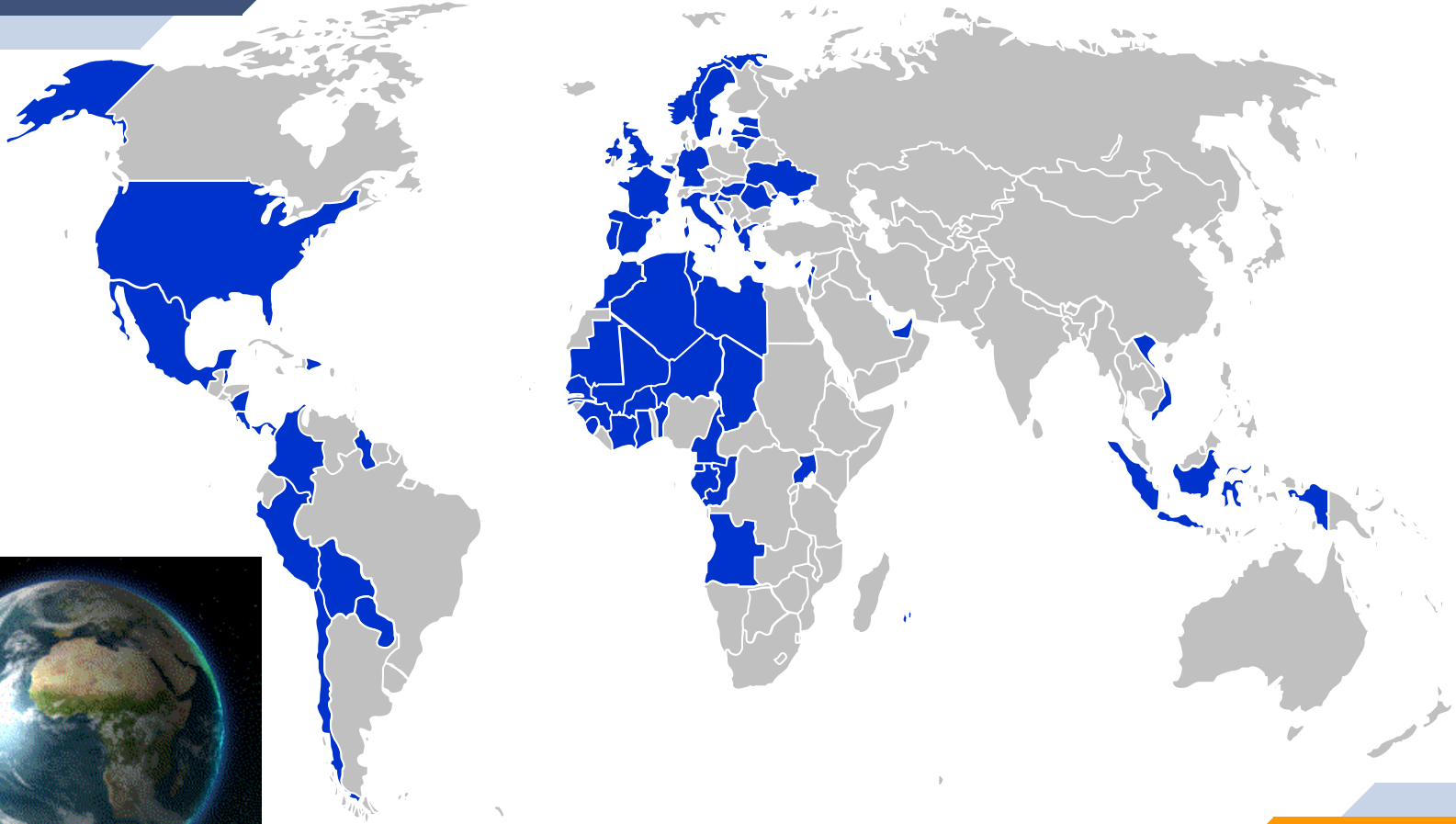
## VISION

We want to stay as a leading global player by researching, testing and developing products that provide cost-effective solutions, mitigating road safety problems in any country of the world.

## VALUES

Ethical Principles govern our company culture and our relationship with customers and partners.

## Global Presence



**+2.250.000 m/year**

That's a lot of guardrails!

**+1.000 costumers in 4 continents**

Since 1952, we created some good partnerships

**200 proffesionals**

In 6 locations in Spain & Portugal



### *EXPERIENCE*

We are **pioneers** in the steel equipment sector in Spain, celebrating in 2022 the 70th anniversary of successful activity

### *ENTHUSIASM*

We are **driven to succeed**. You can tell the **commitment** of the professionals within Duero in our daily work. "Make your day work"

### *PROFESSIONALISM*

We are **well trained**. We work under a continuous improvement policy which allow us to offer a cutting edge service

### *CLOSENESS*

We are **close** to you. An individualized and personal treatment generates a greater commitment between clients and supplier

### *VALUE ADDED*

We are **daring**. We not just sell, we provide service and add value

### *CLIENTS*

We are **client centric**. We put the client in the middle of everything. Their loyalty and trust allow us to keep working for and with them

# STEEL ROAD RESTRAINT SYSTEMS (CE)





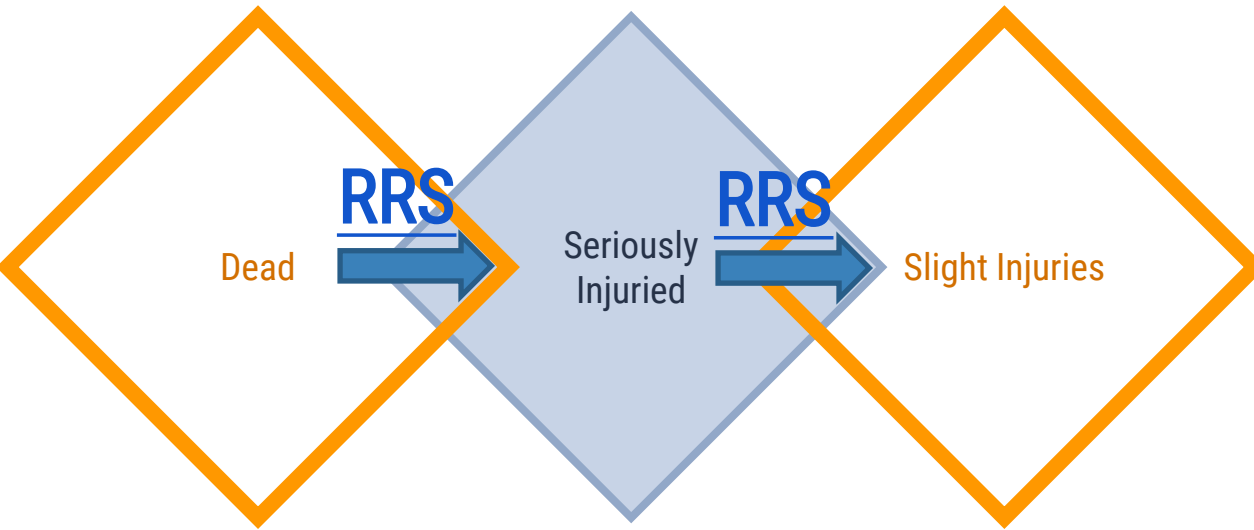


### Road Fatalities

According to the trend of recent years, by 2022 we will have more than 1.3 million deaths in roads all over the world. This means roughly 3.700 people/day, equivalent to 12 units of Boeing 747 commercial planes. Most of them in low-medium income countries.



## Road Restraint Systems (RRS)





“ Thanks to the improvement of the vehicle containment systems, the introduction of the CE Marking and the investment of the different Governments, Spain has reduced the number of road deaths by 60% over the last 10 years.



According to the Texas Federal Highway Authority

“1 year”

Estimated time for the return of investment in  
protecting a road with guardrails



## How we do it? EN 1317

Design (R+D)

Crash test

Certification

EN 1317	Product's technical description	Drawings, elements, weights, durability, and installation.
	<b>Real scale test</b>	Different tests according to the containment level.
	Elements analyse	Product's technical description verification.
	<b>On site Production Control (OPC)</b>	Long-term quality assurance. Periodical review.



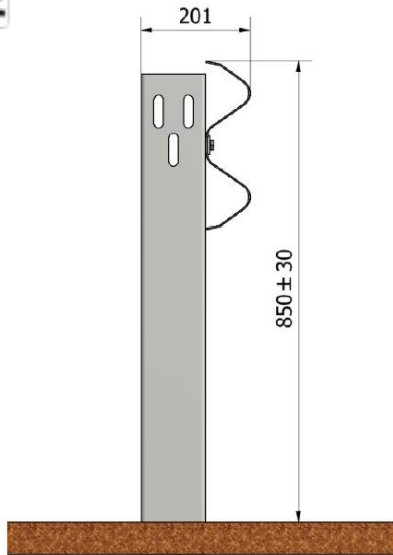
## Our Products in Road Safety

- Single sided guardrails
- Double sided guardrails
- Bridge parapets
- Motorcyclist Protection Systems
- Terminals, transitions, Crash Cushions, Emergency Opening Systems, Noise Barriers



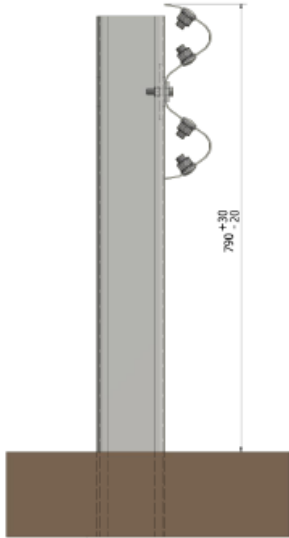
**MASH** ✓  
Manual for Assessing Safety Hardware





## Single sided guardrails

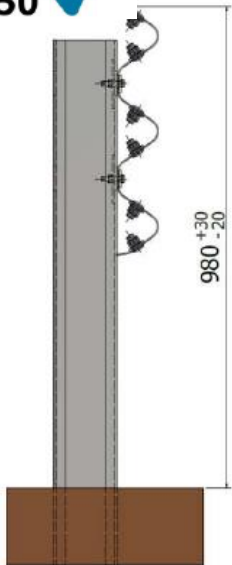
For use on the edge of hard shoulders, embankment and verges.



## Single sided guardrails

For use on the edge of hard shoulders, embankment and verges.

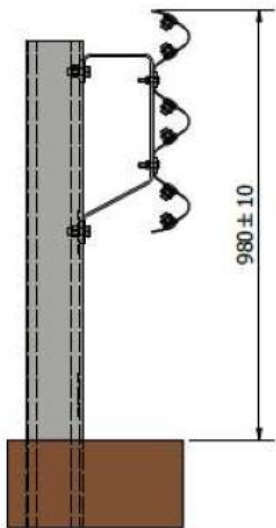
**NCHRP**  
REPORT 350



## 3-waves beam Systems

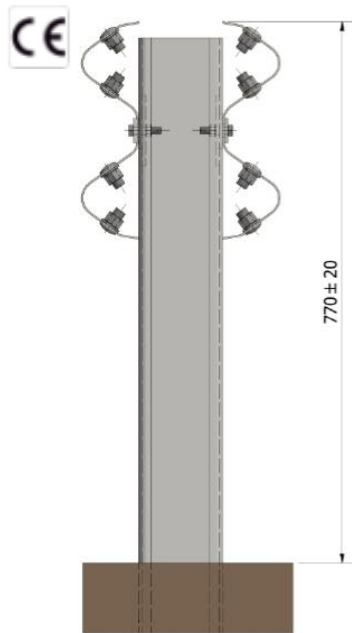
TL3, TL4





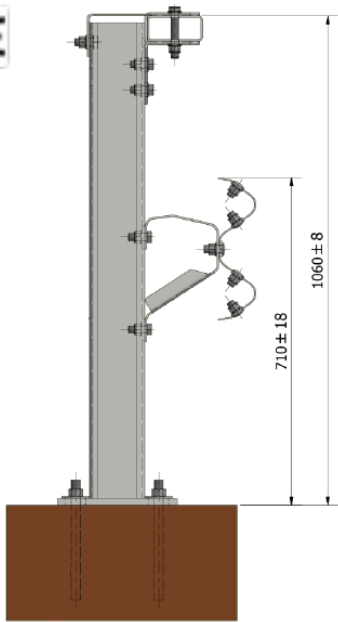
## 3-waves beam Systems with spacer

TL3, TL4



## Double sided guardrails

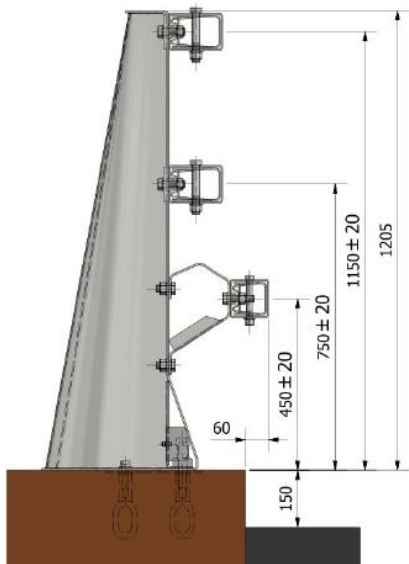
For use on the central reserve or divide two opposite traffic flows.



## Bridge Parapets

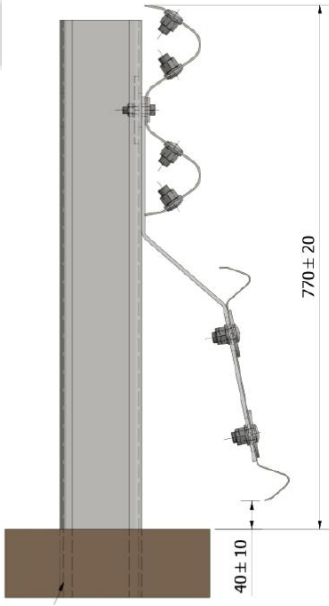
For installation on concrete bridge deck, retaining walls or other concrete surfaces.





## Bridge Parapet





## Motorcyclist Protection Systems

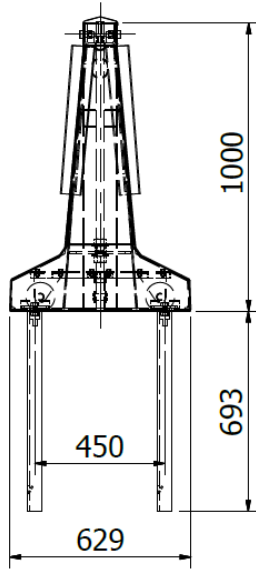
Motorcyclist Protection Systems, additional protection for the weakest road users.





## Zero Maintenance - Crash Cushions

Full family of CE Certified CC as per EN 1317-3. Parallel and Wide.



## Mobile Barrier - VARCO MODULAR

CE Certified Emergency Opening systems.

Modular, Metallic, New Jersey Shaped.





## End Terminals

P4 (DUERO-TK110)  
P2 (DUERO-TK80)



## What we want you to remember?

### Non-certified Products

-Unexpected Performance



### Certified Products

-Guaranteed Performance





## Continuous Improvement- Working on new stuff

Our R+D team is always looking for new innovative and safer solutions.



## Our Products in Industrial Equipment

- Noise Barriers
- Signaling
- Structures
- Industrial Equipment







## Noise Barriers

CE Certified Noise barrier



## Noise Barriers

CE Certified Noise barrier





## Signalization

### Supports and Gantries



Torre Espacio Kaleido Madrid



## Steel Structures

Railings, pergolas, walkways

## Cinturón de Panamá City





Perimeter Fence



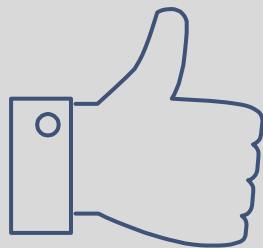
Protection pillars, Protection lighting posts



Flexible  
Guardrail



Industrial Equipment



# THANK YOU

**Comments, doubts, suggestions or further details**

please contact us at

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