

A photograph of a modern highway. On the left, a road with white lane markings curves into the distance. On the right, a safety barrier system is shown, consisting of a glass panel supported by a metal frame, and a lower, orange-painted steel guardrail. The background shows a cityscape under a blue sky with clouds. The overall scene is brightly lit, suggesting a sunny day.

SAFETY BARRIERS

Steel protections



WE BUILD THE
SAFETY
OF YOUR ROADS

CERTIFIED STEELS,
GUARANTEED
RELIABILITY
FOR SAFER ROADS.



Our **road barriers** are manufactured from high-quality steel semi-finished products, hot-dip galvanized or pre-painted, to ensure maximum safety and reliability.

Certificates according to current regulations, they are available in various configurations: **single-sided barriers for ground, double sided guardrails, barriers for bridge**, and **integrated barriers**.

Discover our solutions designed for every road protection need.

MORE THAN JUST A COMPANY

A family, a close-knit team of professionals: engineers, designers driven by passion and dedicated to excellence

Innovation is our compass: we are constantly searching for smarter, safer, and more sustainable systems.

We don't just provide protection, we develop **tailor-made solutions** for every challenge.

Our range of road barriers fully meets project requirements, offering containment levels from N2 to H4, with various working width (W) combinations, complying with **European standards EN 1317**.



Marcegaglia Buildtech - Pozzolo Formigaro, Alessandria

60.000

TONNES PRODUCTION CAPACITY

418.000

M² TOTAL SURFACE AREA

OUR SOLUTIONS TO ENSURE
QUALITY, SAFETY,
AND **RELIABILITY** STANDARDS.



“ Single-sided barriers for ground

RELIABILITY

WITHOUT COMPROMISE

Strong and secure in every situation

Our **single-sided barriers for ground** provide **safe** and **effective protection** for vehicles in transit on all road types. They absorb impacts and redirect vehicles in a controlled manner, bringing them safely back onto the road.

The **high-quality steels used** and the **rigorous galvanisation process**, carried out in modern and fully automated plants, ensure long-lasting protection against traffic-induced stress and weather conditions, helping to enhance road infrastructure safety.

The innovative design facilitates installation and simplifies maintenance, ensuring high operational efficiency and cost reduction over time.

IDEAL FOR PROVIDING
SAFE AND EFFECTIVE PROTECTION
FOR VEHICLES IN TRANSIT
ON ALL TYPES OF ROADS.



Single-sided barriers for ground

Versatility and outstanding performance

Our **single-sided barriers** are available in various **configurations** and **containment levels**: N2, H1, L1, H2, H3, and H4, in both two-waves and three-waves versions.



State Road 42 - Italy



State Road 57 - Poland



A14 Motorway - Italy

CONFIGURATIONS:

CLASS N2

- N2-W2 2 waves
- N2-W3 CC4
- N2-W3 PAB T2 2 waves
- N2-W3 PAB T4 2 waves
- N2-W4 2 waves
- N2-W7 2 waves

CLASS H1

- H1-W3 2 waves
- H1-W5 2 waves

CLASS L1

- L1-W3 2 waves

CLASS H2

- H2-W2 2 waves
- H2-W4 2 waves
- H2-W5 2 waves
- H2-W5 PAB TE 2 waves
- H2-W6 2 waves
- H2-W3 3 waves
- H2-W4 NEW 3 waves
- H2-W4 3 waves
- H2-W5 3 waves with steel cable
- H2-W5 3 waves
- H2-W5 3 waves with spacer
- H2-W5 3 waves on hard shoulder
- H2-W8 3 waves

CLASS H3

- H3-W5 3 waves
- H3-W8 3 waves

CLASS H4

- H4-W5 3 waves
- H4-W3

“ Double sided guardrails

SAFE
ROADWAYS

Guarantee
of dual protection

*Safety and adaptability
for every traffic need.*



Choosing our **barriers** means investing in durable and high-performance solutions, designed to withstand the toughest conditions without compromising functionality.

From lane separation to protecting sensitive areas, our **double sided guardrails** provide order, protection, and effective vehicle flow control.

Double sided guardrails

Strong and protective
in every scenario

CONFIGURATIONS:

CLASS L1

- L1-W4 DS BOX

CLASS H2

- H2-W4 2 waves
- H2-W5 3 waves

CLASS H3

- H3-W6 3 waves

CLASS H4

- H4-W5 3 waves
- H4-W4 3 waves

Designed to ensure maximum safety, with various configurations to suit every requirement. **L1 Class** solutions offer basic protection for low-traffic areas, while **H2 Class** barriers provide good impact absorption in moderate-traffic environments.

H3 Class barriers are ideal for high-risk scenarios, and **H4 Class** barriers, with three-wave design, provide maximum protection in high-risk environments.



A26 Motorway – Italy



National Road No. 6 – Peru

“ Bridge barriers

ELEVATED

PERFORMANCE

Guaranteed safety
for bridges and viaducts

Our **barriers for bridge**, made from **galvanised steel**, are ideal for installation on concrete structures, ensuring stable and secure mounting even under heavy loads.

Optimised components and fixing solutions provide simpler installation and shorter work times, while offering long-lasting protection with minimal maintenance needs.



A1 Sibiu-Pitești Motorway – Romania



A16 Motorway – Italy

*Ease of installation,
stability, security,
and long-lasting durability
with minimal maintenance.*



Bridge barriers

Reliable and resistant in every condition

Available in a wide range of configurations and containment levels (H1, H2, H3, and H4), with **two-waves** and **three-waves** models. Options include anti-debris protection nets or soundproofing screens, making these barriers the ideal solution for bridge traffic protection.

Their flexible design makes them ideal for a wide range of applications, from urban environments to motorways and complex infrastructure projects.



CNM Project – France

CONFIGURATIONS:

CLASS H1

- H1-W4 PAB CE 2 waves

CLASS H2

- H2-W4 2 waves PAB CE
- H2-W4 2 waves PAB CE P
- H2-W5 2 waves PAB CE with handrail
- H2-W5 2 waves PAB CE P with handrail
- H2-W4 3 waves
- H2-W4 3 waves WF
- H2-W4 3 waves WF LM
- H2-W5 3 waves
- H2-W5 3 waves WF LM

CLASS H3

- H3-W4 3 waves
- H3-W5 3 waves
- H3-W5 3 waves WF LM
- H3-W6 3 waves with mesh panel

CLASS H4

- H4-W3 3 waves
- H4-W4 3 waves with mesh panel
- H4-W4 3 waves
- H4-W4 3 waves WF LM
- H4-W8 3 waves WMP (1,5 • 2 • 2,5 • 3 • 3,5 m)
- H4-W5 3 waves
- H4-W5 New Jersey

“ New Jersey

MAXIMUM PROTECTION

Safety and noise insulation for every road

Our **integrated road barriers** combine two essential functions into a **single solution: vehicle protection** in the event of impact and **noise pollution reduction**, merging the features of traditional safety barriers with those of **sound-absorbing barriers**, which help reduce traffic noise.

Integrated barriers represent an **advanced solution** for enhancing **safety** and **comfort** in road infrastructure, particularly in high-density urban environments.

*safe, ROBUST,
and versatile
for all road
infrastructures.*



Our **integrated systems** optimise space, performing two functions in a single structure, eliminating the need for separate installations.

This results in: **lower costs** of **installation** and **maintenance**, thanks to the combination of two barriers in one, thus reducing installation times and subsequent interventions.

Our solutions are **aesthetically customisable**, available in various materials and finishes, ensuring seamless integration into both urban and natural landscapes.



P4 Barrier terminals

Devices designed to provide advanced protection in high-risk environments, such as motorways and high-speed roads.

These terminals are engineered to contain and redirect vehicles, minimising damage in the event of a collision.

Compliant with high safety standards, they are the ideal solution for high-traffic environments.

*MAXIMUM PROTECTION
IN HIGH-RISK SCENARIOS*



Standard terminals

Protective devices applied at the ends of road structures, designed to ensure safe impact absorption in the event of a collision.

Made of high-strength materials that can absorb impact energy to reduce damage to road users. These components are ideal for general applications and compliant with European safety standards.

*IMPACT-RESISTANT SAFETY,
PROTECTION IN EVERY SITUATION*

Motorcycle barriers

Specialised solutions designed to protect motorcyclists in the event of an accident, made from impact-absorbing materials that reduce the risk of severe injuries.

Their design and positioning ensure maximum safety, even on roads with high motorcycle traffic density.

*SAFETY DESIGNED
FOR TWO-WHEELS RIDERS*



Standard connections

Essential components that securely connect different sections of barriers or other road safety devices.

Providing strength and versatility, these connectors are easily adaptable to various structures, ensuring continuity and integrity of protection.

*A PERFECT CONNECTION
FOR UNINTERRUPTED SAFETY*



Parapet fencing

Designed to protect pedestrians by preventing accidental falls from bridges and other infrastructure.

Impact-resistant, wind-resistant, and vibration-resistant, they ensure stability and safety while also contributing to the aesthetic and functional integration of road infrastructure.

*PROTECT CRITICAL AREAS WITH STRONG
AND ELEGANT SOLUTIONS*



TAILOR-MADE **SOLUTIONS**

**From design
to after-sales support**

We offer comprehensive support, covering everything from **design** and **engineering** to **technical assistance** and **after-sales service**.

Our collaborative approach fosters **partnerships** distinguished by reliability, efficiency, and tangible results.

Every stage of the process is carefully managed to ensure that every requirement is met with precision and efficiency.

Our unwavering commitment to quality and innovation allows us to provide tailor-made solutions, ensuring optimal project management from inception to completion.

*YOUR SUCCESS
IS OUR SUCCESS!*



INNOVATION

THAT ADAPTS TO YOU

**Creativity, research,
and collaboration
at the heart of our solutions**

*BRINGING
YOUR IDEAS TO LIFE
WITH THE EXCELLENCE
YOU DESERVE!*



With a **multidisciplinary approach** and **teams** that are highly **specialised**, we develop customised steel tubular materials and components for every project.

Our state-of-the-art laboratories determine the optimal technical and chemical properties to ensure **innovative products** and optimised processes.

We are a proactive partner that transforms your needs into tangible realities, always striving for excellence and continuous development.

THE **STRENGTH** OF STEEL

**Controlled supply chain,
certified steel**

The group's largest metallurgical plant, located in Ravenna, serves as a central hub for integrated logistics, optimising production and distribution processes across the entire industrial network.

The **Marcegaglia certified supply chain** guarantees high standards of safety, efficiency, and environmental responsibility.

From coil processing to the final product, Marcegaglia offers an unrivalled global product range, ensuring complete traceability from raw materials to finished solutions.

*THE SYNERGY
OF A **LEADING GROUP**
BY YOUR SIDE.*



BUILDING THE **FUTURE** IN STEEL

Innovation, sustainability, and dedication for a better tomorrow

Our history is the story of the **Marcegaglia Group**, which, since **1959**, has been built on **growth, constant innovation**, and **unwavering commitment** to people and the environment.

A focus on **environmental** and **social sustainability** has always been a defining characteristic of the Group, rooted in the belief that a business must contribute to a world where resources, well-being, and inclusion are in balance.

Our commitment extends from **sustainable processes** to **sustainable products**: we optimise resources to reduce environmental impact and promote efficient, safe, and responsible solutions across the entire production cycle.

The Marcegaglia Group has invested in Stegra, the first zero emission steel plant, and supports CO₂ capture projects.

We actively participate in global initiatives such as the Global Compact, the First Movers Coalition, and ResponsibleSteel™ to promote sustainable steel production.

*want to Learn more
ABOUT THE SUSTAINABILITY
OF OUR PRODUCTS?*



Here is our EPD



Sustainability Report

SAFETY WITHOUT **BORDERS**

**Our barriers
protect roads worldwide**

- Albania
- Algeria
- Arabian Emirates
- Austria
- Bahrain
- Belgium
- Bosnia
- Burkina Faso
- Camerun
- Chile
- Croatia
- Cyprus
- Estonia
- Etiopia
- Finland
- France
- Georgia
- Greece
- Hungary
- Ireland
- Israel
- Italy
- Ivory Coast
- Jamaica
- Kurdistan - Iraq
- Libya
- Lithuania
- Macedonia
- Malta
- Mauritius
- Montenegro
- Norway
- Peru
- Poland
- Qatar
- Romania
- Saudi Arabia
- Slovenia
- Slovakia
- Spain
- Sweden
- Switzerland
- Tanzania
- Thailand
- UK

We are **Italy's leading producer** of steel road barriers, a **trusted** partner for safer road construction worldwide, and a global reference for secure infrastructure **wherever you are**.

Discover how we can elevate your project's efficiency and reliability with our advanced road safety solutions.



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*EXPLORE OUR
COMPLETE RANGE
OF ROAD BARRIERS*