



ALWAYS
THE BEST
**FLEXIBLE
SAFETY
BARRIERS**








DOES YOUR ORGANISATION HAVE THE NECESSARY **PROTECTIONS** AGAINST DAMAGE TO PROPERTY AND PERSONAL INJURY?



**REQUEST A
CHECK-UP FOR
YOUR COMPANY!**

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Did you know that...

**70%**

of **accidents in the workplace affecting property and people** are due to the absence of impact protections.

**50%**

of **company maintenance costs each year are caused by the repair and replacement of machinery** and infrastructure due to damage caused by accidental impact.

**80%**

is the potential **saving** available by installing **protections made of polymers** rather than metal.



INVEST IN **SAFETY**

MPM designs and manufactures industrial protections to create safe conditions in the workplace in the presence of moving vehicles, goods, and people.

MPM protections make it possible to **avoid accidents** and damage, **safeguarding pedestrians and workers**. Ideal for **protecting racks, structures, vehicles, and machinery**, MPM protections allow your company to make **savings** in terms of the cost and time required for maintenance, repairs, and replacements, achieving the **maximum return on investment**.

A **safe workplace** improves the **quality of work**, with positive effects on your **corporate performance** parameters while enhancing the **perception of value** of the organisation.



TECHNOPOLYMER PROTECTIONS

FROM DRAWING BOARD TO PRODUCTION.
A PRODUCT THAT INCORPORATES ALL OUR KNOW-HOW.

MPM is the global answer for all organisations seeking **innovative and high-quality** solutions in the sphere of **safety**.

Our materials are composed of a unique blend, developed in our in-house laboratory by our experts and technicians.

Ingenuity and the Italian spirit of innovation have been deployed in full to meet the safety needs of a constantly evolving market.

PRACTICAL AND MODULAR DESIGN

Rugged arch section structure and large side impact surface, designed to minimise penetration by forks and pallets.

COMPACT DESIGN

Reduced functional footprint

IMPACT RESISTANCE

TUV SUD certified performance that is dependable through time

High Density
TECHNOPOLYMERS

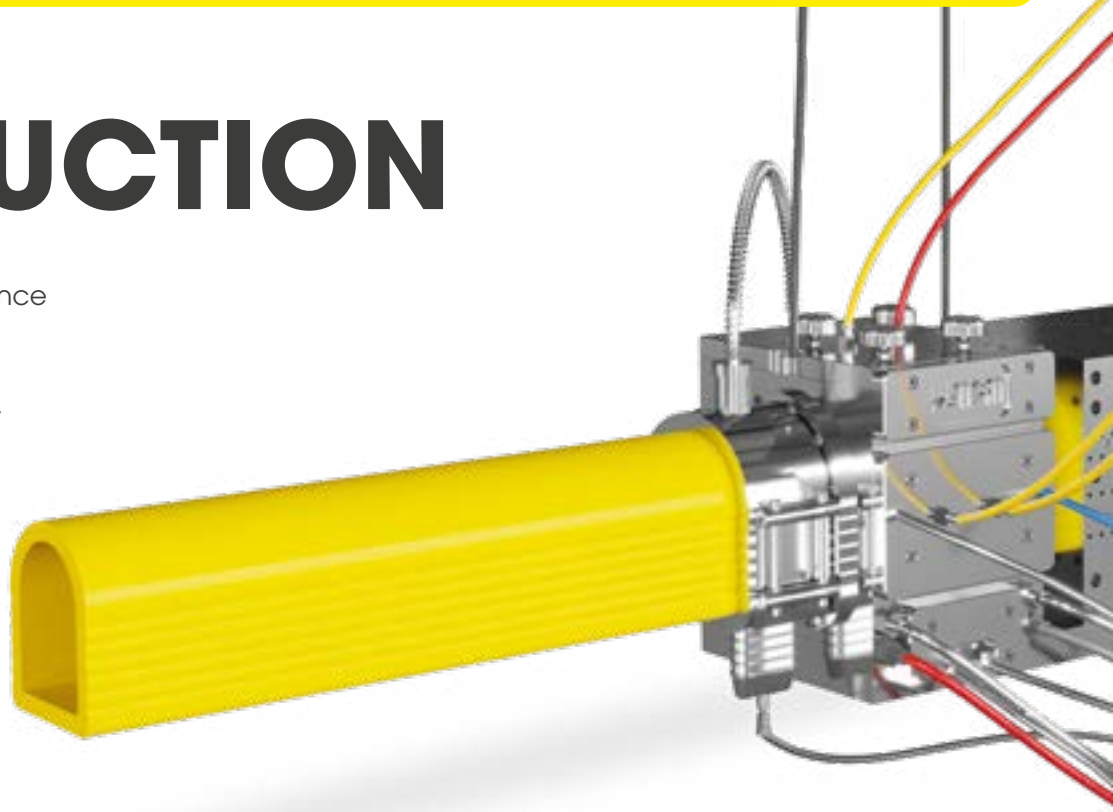
FLEXIBILITY AND SHAPE-MEMORY

High kinetic energy absorption, limiting shock loads transmitted to vehicle operators, damage to vehicles, and damage to flooring

EASY INSTALLATION
and assembly

PRODUCTION

More than 40 years' experience in the production of plastic materials make **MPM the optimal partner** in the safety sector, offering customised solutions that meet the very highest quality standards.



THE FIGURES

25,000

m² manufacturing space.

5 Million

kg extruded profiles each year.

H24

round-the-clock production.

ALL THE BENEFITS OF MPM TECHNOPOLYMERS

REFLEX
RESISTANT AND FLEXIBLE

FROSTEX
RESISTANT TO LOW TEMPERATURES



DURABILITY THROUGH TIME



HIGH FLEXIBILITY



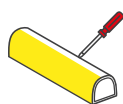
COMPLIANCE WITH EU DIRECTIVE 2015/863 (ROHS)



100% RECYCLABLE



SELF-EXTINGUISHING



SCRATCH-RESISTANT MATERIAL



COLOURED MATERIAL. NO REPAINTING REQUIRED



EASY TO WASH



MOULD RESISTANT



NON-TOXIC



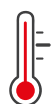
RESISTANT TO CHEMICALS



IPX9K WATER INGRESS PROTECTION



RESISTANT TO HUMIDITY AND SALINE SUBSTANCES



TEMPERATURE RANGE: - 30° + 60°



APPLICATION IN THE FOOD INDUSTRY

*Check the material technical datasheet for each product

WHY **POLYMER PROTECTIONS** MAKE SENSE

POLYMER **VS METAL**

POLYMER

MPM barriers guarantee enduring properties of strength and flexibility.

- ▶ The protection **flexes to absorb impact** and then returns to its original shape;
- ▶ The kinetic energy is not transmitted to the operator or the vehicle.
This **prevents injuries and damage**;
- ▶ **Protection of flooring**;
- ▶ **High visibility** through time, with no need for repainting.



METAL

Metal protections are rigid and transmit impact energy to the ground.

- ▶ **Deformation is permanent** and means the protection must be replaced;
- ▶ High **shock loads transmitted to the operator with damage to vehicles**;
- ▶ **Break-up of flooring**;
- ▶ **Rust** formation and need for repainting.



Watch the video ►





CERTIFIED QUALITY

Our products are **approved by reliable external certification agencies** of international renown. We believe in shared experience, ideas, and values. **We work with experts and technicians to define world industry standards.**



MORE THAN **200** TESTS PER MONTH

We guarantee **safe barriers and solutions for our customers all over the world**, subjecting our products to stringent impact tests to obtain reliable resistance data.

We have a large test bay where we conduct our testing and checking activities on a daily basis.



SOLUTIONS FOR INDUSTRIAL DOORS

BOLLARDS

► APPLICATION

Near industrial doors, overhead doors, cold storage doors, loading bays, fire doors, blind spots, no-zones and projecting structures

► SAFETY

- Intact and functional doors
- Undamaged door frames
- Reduction of accidents and collisions in critical transit points

► SAVING

- Zero maintenance costs
- No cost for replacing damaged doors or repairing infrastructure

GRD 200

Category: **BOLLARD**

9,365 JOULES

Upgraded internal structure with **flexible shock absorbers** to dissipate kinetic energy

Heavy gauge plate with shock absorber.
Easy to install

Innovative design
with octagonal section

Rugged
protective
bollard for
heavy loads



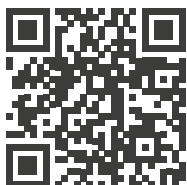


EXCLUSIVE INTERNAL DESIGN

System of internal shock absorbers and airtight bumpers to withstand very high energy impacts

Steel core

Rugged outer cladding in scratch-resistant technopolymer



◀ Watch the video

SOLUTIONS FOR RACK SYSTEM UPRIGHTS

RACK PROTECTOR

▶ APPLICATION

For uprights of various shapes and sizes

▶ SAFETY

- Maintains the structure and function of the upright even after repeated collisions
- Prevents dangerous collapse of racks and stored goods, avoiding the risk of material falling onto other structures or personnel

▶ SAVING

- Lower costs for maintenance of uprights
- Reduced downtimes and no-go areas for repairs or maintenance

RPM

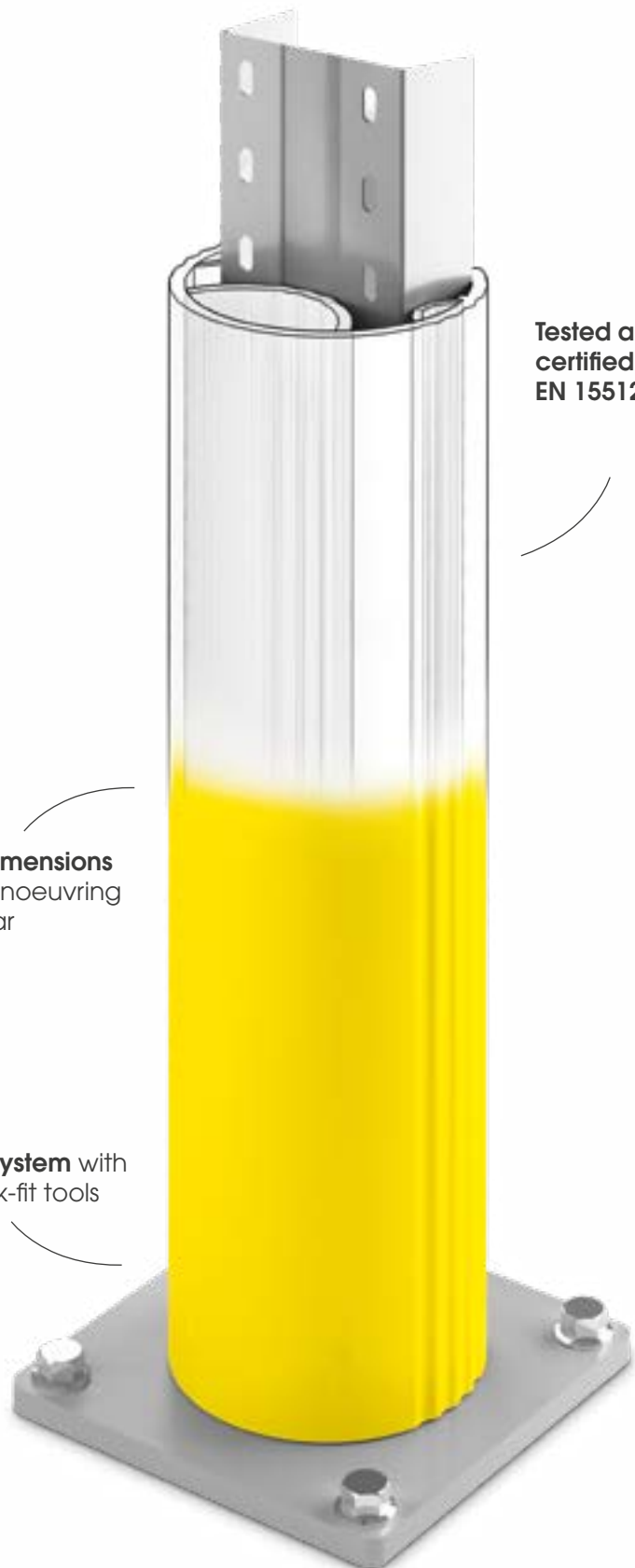
Category: **RACK PROTECTION**

1,280 JOULES

Reduced dimensions
to keep manoeuvring
spaces clear

Interlocking system with
practical click-fit tools

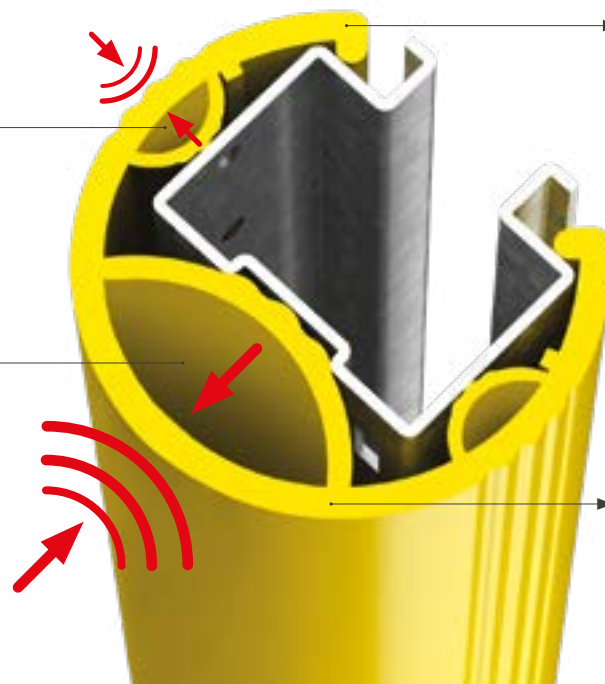
Tested and
certified to
EN 15512





Two side shock absorbers
in soft material to absorb
impact during pallet
placement on the rack

Central shock absorber
in soft material to absorb
front impacts



**Interlocking
system** with
practical
click-fit tools.
Quick and
easy to install

**Rigid outer
cladding,**
scratch-resistant
and easy to
clean



◀ Watch the video

SOLUTIONS FOR **RACK END BARRIERS**

TRAFFIC BARRIERS

► APPLICATION

In front of the ends of industrial racks
to protect the most vulnerable points

► SAFETY

- Racks remain intact
- Prevention of collapse and structural failure of racks
- Safeguarding of materials and operators

► SAVING

- Reduction of costs for rack replacement
- Reduced downtimes and no-go areas for repairs or maintenance

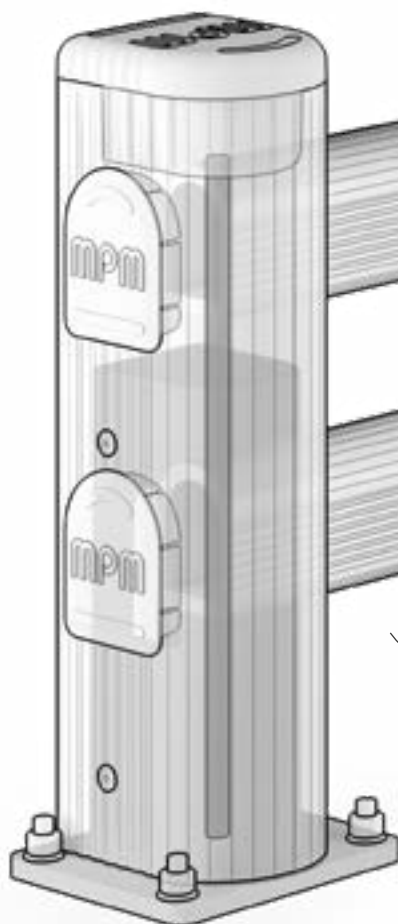
Compact design
for unobstructed aisles

LM

Category: **RACK PROTECTION**

18,660 JOULES

Tested and certified
to EN 15512





Quick and easy assembly with a single coupling rod. Small number of components

Easy installation on floor



◀ Watch the video

SOLUTIONS FOR **PEDESTRIANS AND OPERATORS**

PEDESTRIAN SAFETY BARRIERS

▶ **APPLICATION**

To identify and delimit footpaths, crossings, and entrance and exit routes for operators, visitors, and pedestrians in general

▶ **SAFETY**

- Safeguarding of operators and personnel who need to transit through logistic areas or assemble in safe zones of the warehouse
- Fewer accidents and injuries

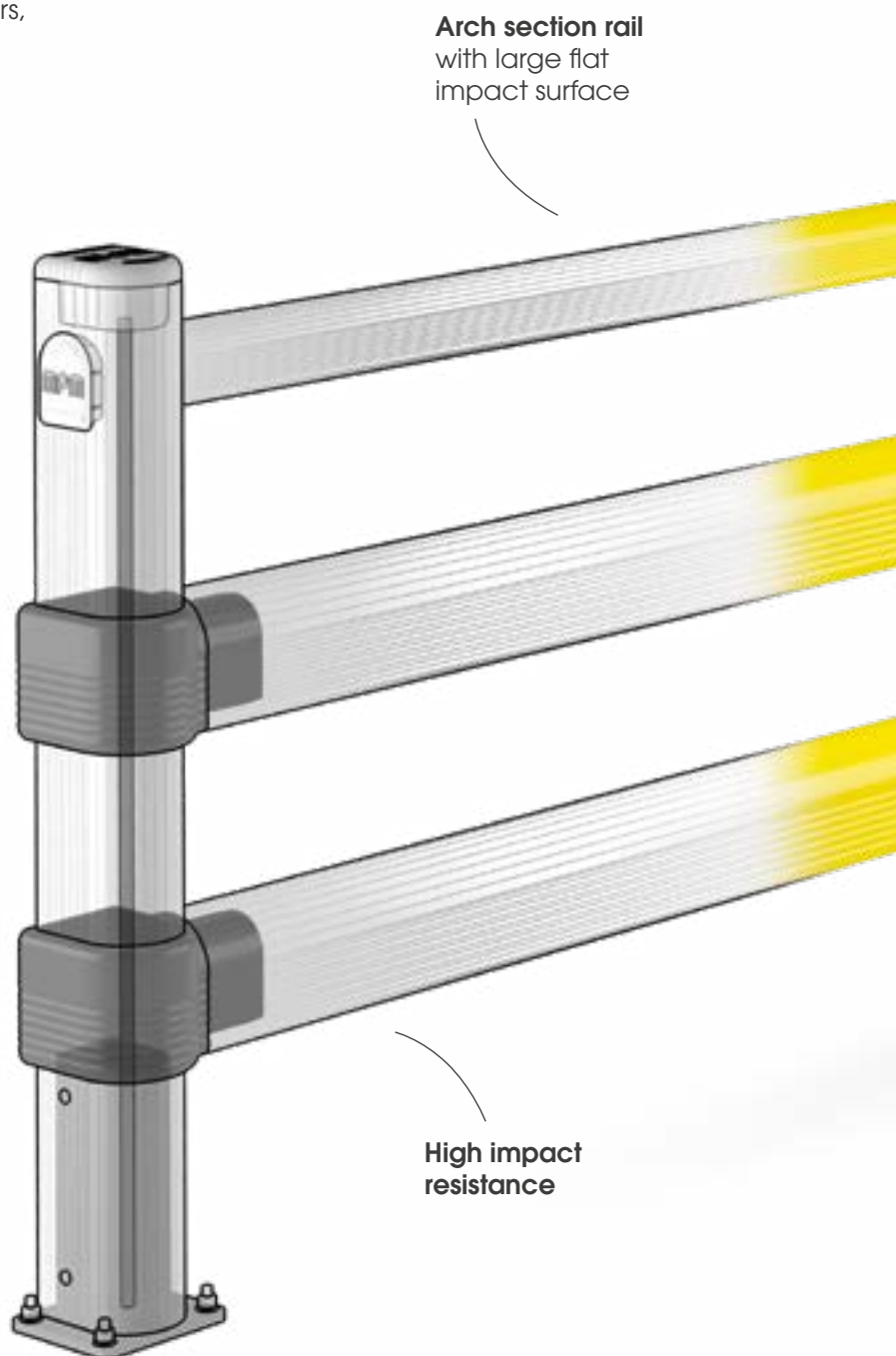
▶ **SAVING**

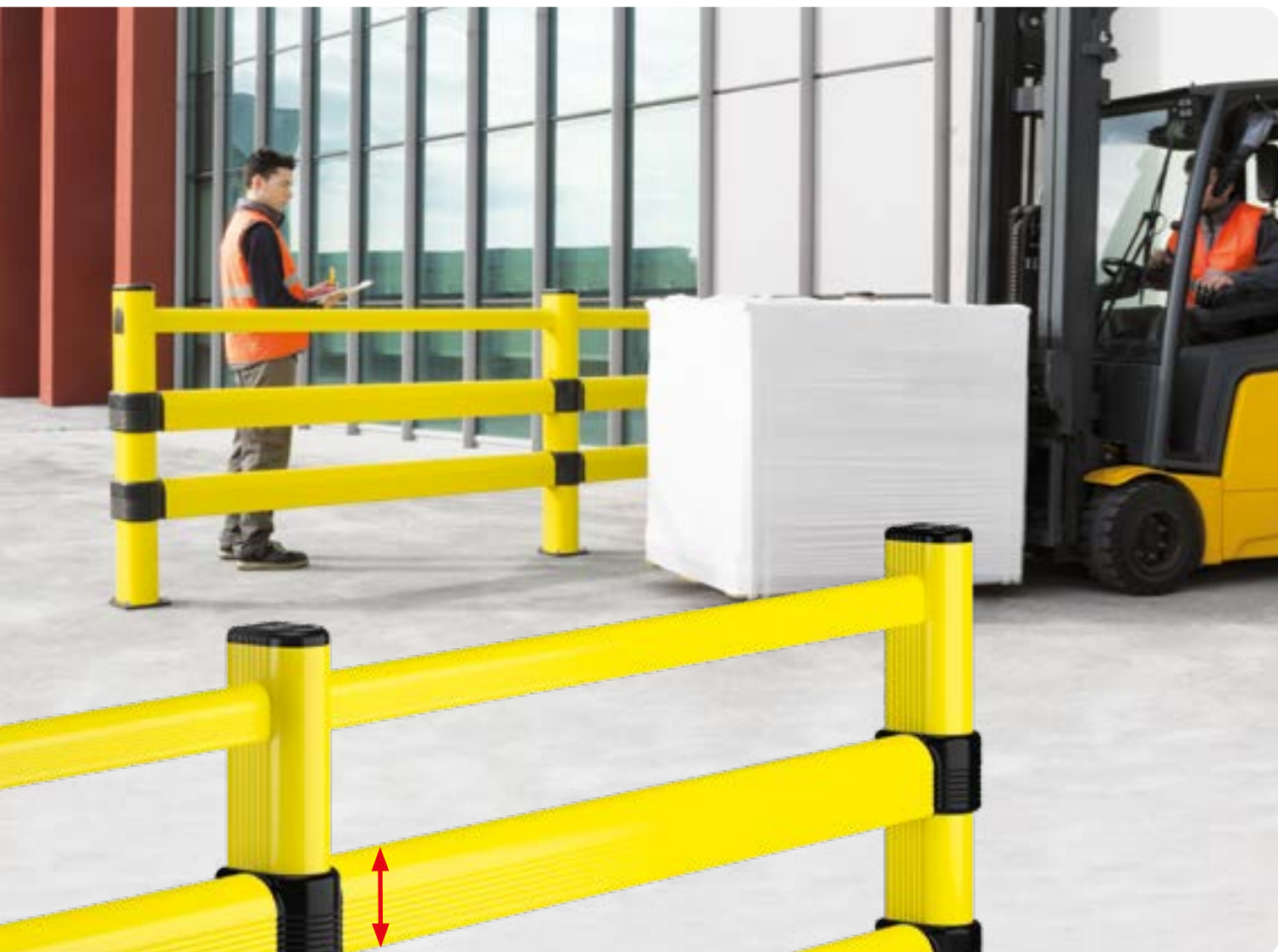
- Avoid fines and lawsuits against persons in charge and proprietors in the case of accidents
- Avoid hikes in insurance premiums and social security costs

LINK 150/2

Category: **LINK**

40,858 JOULES





Scratch-resistant
and self-extinguishing
V-0 material

The world's only patented
system that **allows the height
of rails** to be adapted to
match customers' needs



◀ Watch the video

SOLUTIONS FOR COLUMNS AND PILLARS

COLUMN PROTECTIONS

▶ APPLICATION

On columns and pillars, also
on just two or three sides

▶ SAFETY

- Safeguard load-bearing columns and pillars to avoid structural damage to buildings
- Prevent physical trauma of vehicle operators due to shock loads resulting from impact against a column
- Provide a visual guide for forklift operators

▶ SAVING

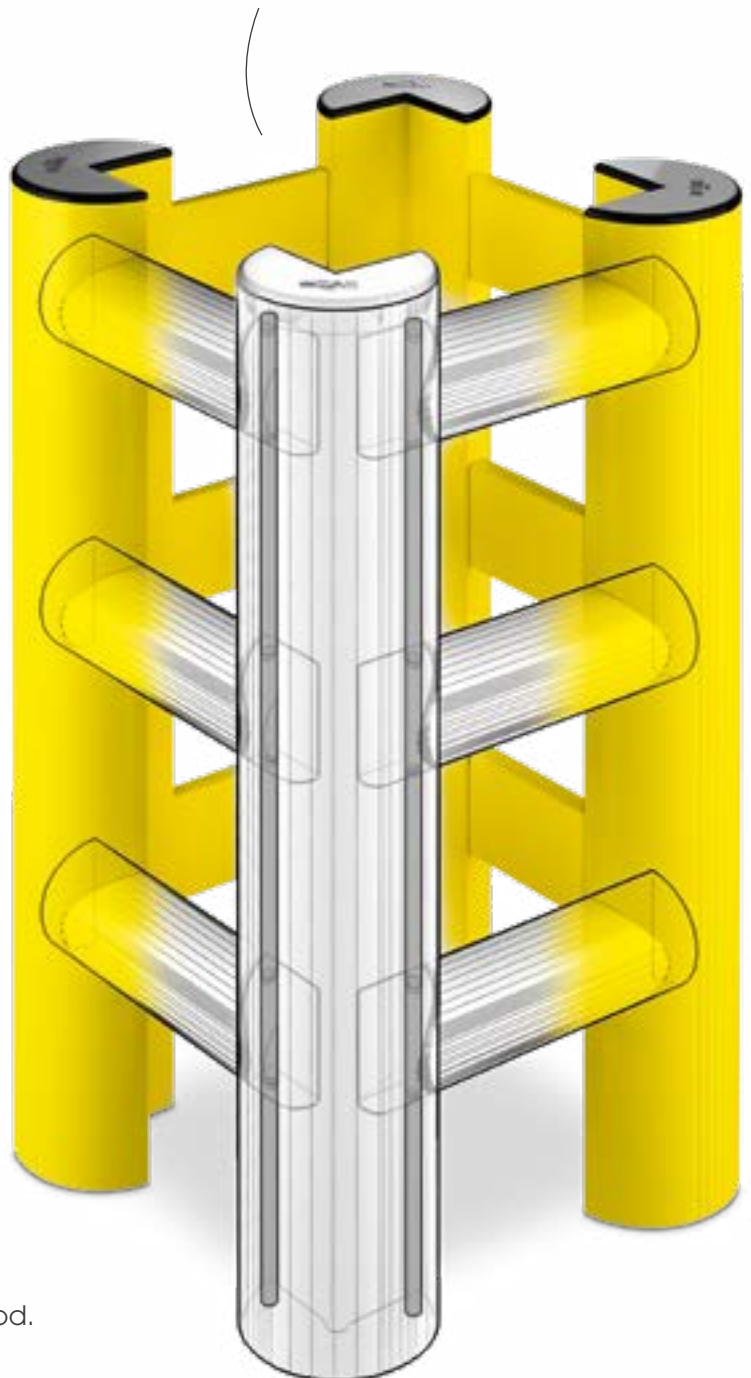
- Zero maintenance and damage to corners, projecting parts, and columns
- Prevent damage to vehicles

HUG TOWER

Category: **COLUMN PROTECTION**

**HIGH
FLEXIBILITY**

Modular design
with customisable
width and height

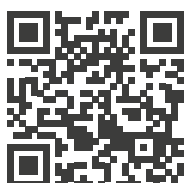


Quick and easy
assembly with a
single coupling rod.
Small number of
components



↓
For square or rectangular structures,
on two or three sides

→ **Free-standing structure**
with no fixings to either
the column or the floor



◀ Watch the video



SOLUTIONS FOR WALLS AND MACHINERY

GUARD RAILS

► APPLICATION

For installation near critical points of sandwich panels, masonry walls and drywalls, machinery, and conveyor belts

► SAFETY

- Anti-fork solution designed to protect the base of vulnerable structures and valuable machinery
- Delimits traffic and defines routes for operator-driven vehicles and AGVs

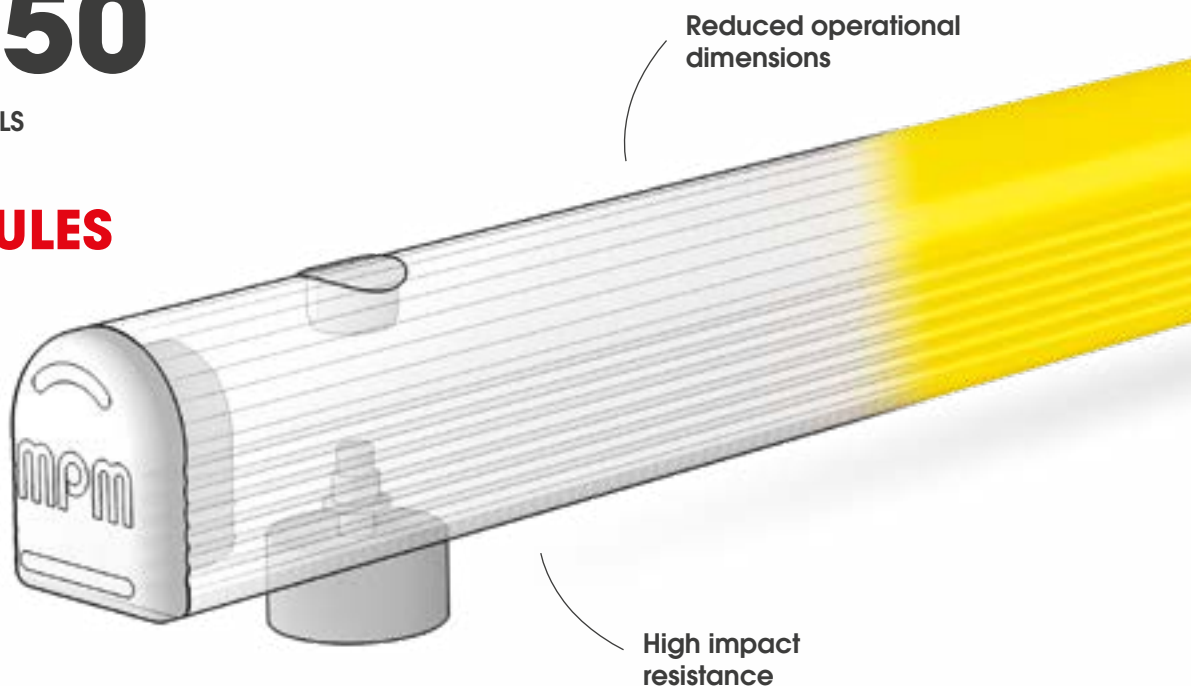
► SAVING

- Limits costs for maintenance or replacement of panels, walls, and machinery

GR 150

Category: **GUARD RAILS**

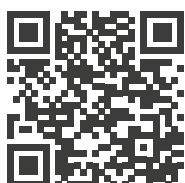
11,650 JOULES





Large impact surface,
non-cylindrical, and
anti-forks penetration

**Robust floor
fixings** with
chemical
anchor

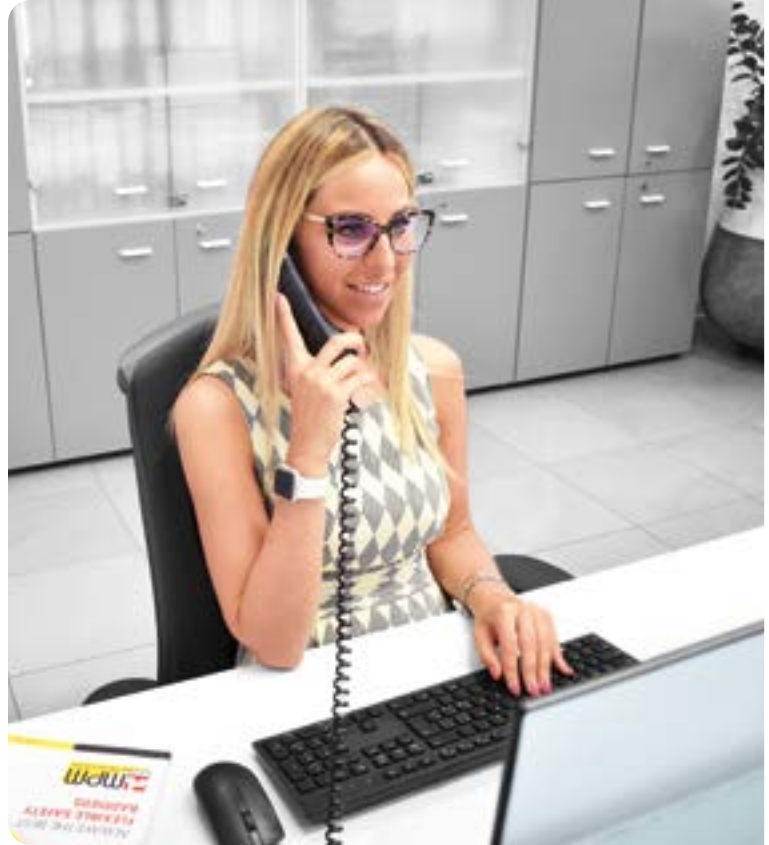


◀ Watch the video

AN **ALL-ROUND SERVICE**

We believe that people and relationships are the true source of value in an **organisation**. Trust, respect, and sharing: our key strengths.

MPM was set up by a hard-working and visionary family who proceeded to build a **solid company that is renowned at the national and international levels**.



To meet a range of diverse requirements, we send our experts out to inspect the areas to be protected so they can assess the risks and make a comprehensive analysis of specific needs.





A TEAM **ALWAYS AT YOUR SIDE, FOR A SAFE AND GUARANTEED PRODUCT!**

We develop one-off and customised solutions. We supply a complete, quick, and precision service from drawing board to installation.

Our goal?

**Complete satisfaction and safety
of our customers!**

**Place your project in the hands
of the MPM team!**

* The resistance values in Joules shown in the catalogue refer to an impact at 45 or 90 degree angles. Contact the MPM team for further details.

A WORLDWIDE RESPONSE WITH DISTRIBUTION IN MORE THAN 70 COUNTRIES



◀ Watch the video

THE **WORLD'S TOP BRANDS** CHOOSE OUR QUALITY **MADE IN ITALY**

MPM protective solutions are
suitable for safety requirements
in a **wide range of sectors.**

TRANSPORT AND LOGISTICS

RETAIL

AUTOMOTIVE AND MECHANICAL

ENGINEERING

AIRPORTS

FOOD & BEVERAGE

CHEMICALS AND TEXTILES

INDUSTRY AND PRODUCTION

WAREHOUSE AND STORAGE

DB SCHENKER



amazon®



***GARNIER



SIEMENS



Colgate

