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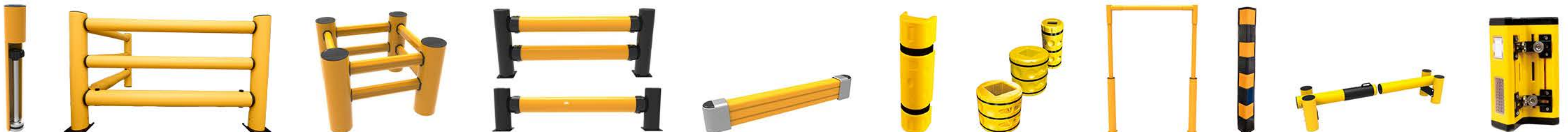
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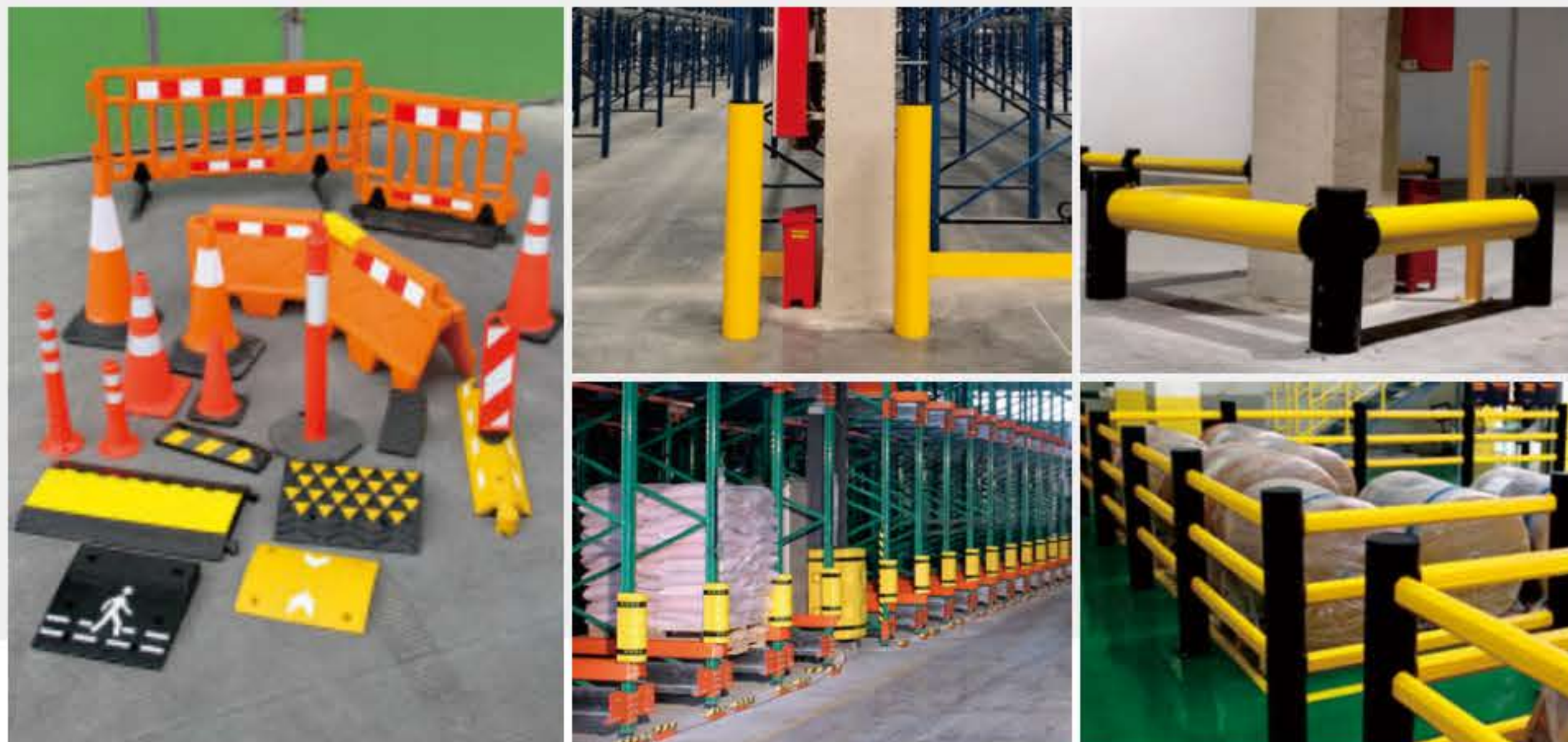


WAREHOUSE SAFETY



COMPANY PROFILE

HEAVY DUTY SUPPLY IS YOUR SPECIALIST & TRUSTED PARTNER FOR DESIGN, SUPPLY, INSTALLATION AND AFTER SALES SERVICE OF IMPACT PROTECTION, INDUSTRIAL DOORS AND LOADING BAY EQUIPMENT. WITH OVER 10 YEARS INDUSTRY EXPERIENCE, WE ARE DEDICATED TO HELPING OUR CUSTOMERS PROTECT THEIR ASSETS AND INCREASE PRODUCTIVITY THROUGH OUR INNOVATIVE ONE-STOP-SERVICE SOLUTIONS.



CONTENT

01	IMPACT RECOVERY GUARDRAIL	P 01
02	GROUND-MOUNTED GUARDRAIL	P 05
03	FLEX-POLY BOLLARD	P 11
04	EQUIPMENTS GUARDRAIL	P 13
05	COLUMN PROTECTOR	P 15
06	RACK PROTECTOR	P 17
07	DOOR FRAME RESTRICTOR	P 19
08	FLEXIBLE ANTI-COLLISION GUARDRAIL	P 20

01 IMPACT RECOVERY GUARDRAIL



Polymer Materials

Energy-absorbing shell, which relieves and eliminates the impact of the vehicle



Round Tube Large Diameter Cross Bar

Durable and impact resistant



Hexagonal Bar

Internally strengthened structural ribs, using secondary cushioning elastic technology



Buffer

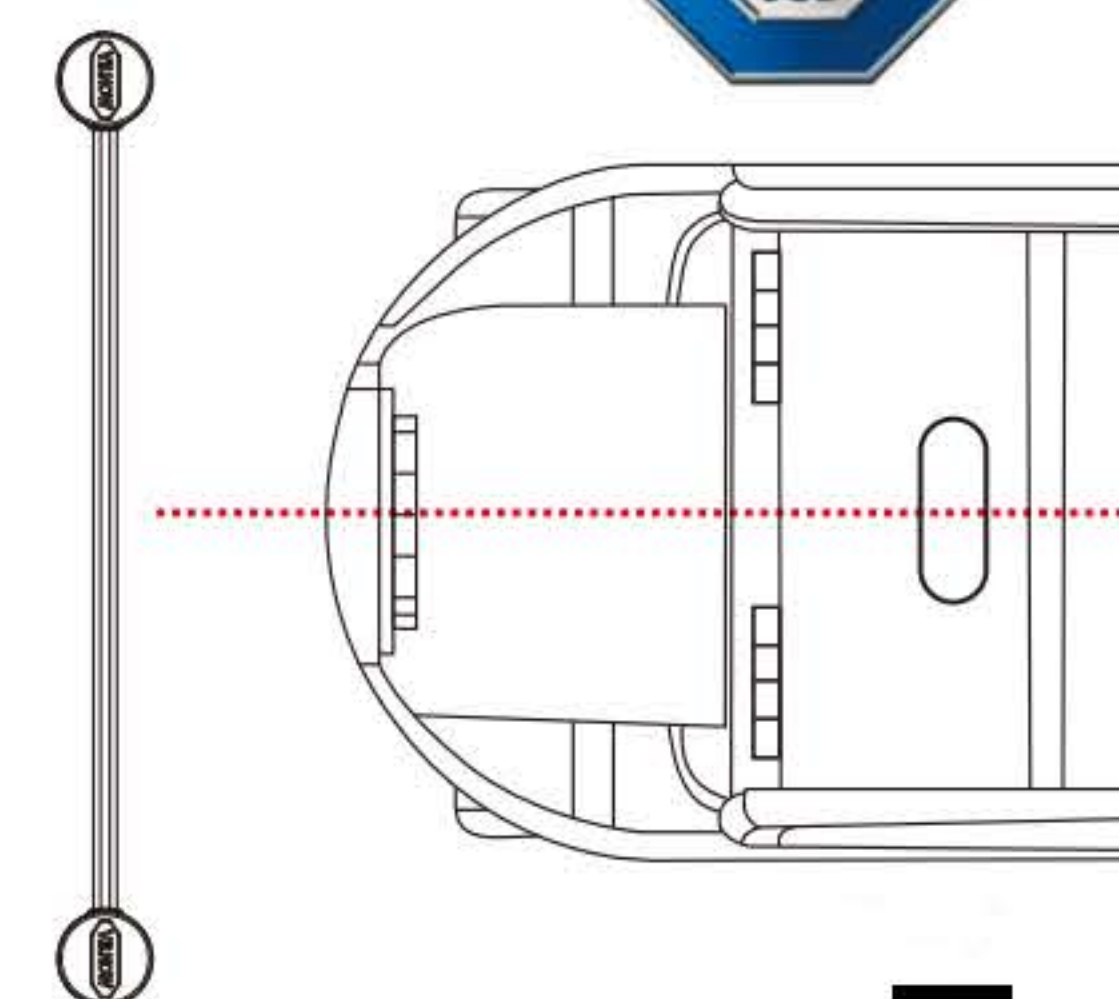
The base has a built-in industrial rubber buffer, which is fixed with special bolts

Model No	Length	Height	Column Dia	Bar Dia (round Tube)	Bar Size (hexagon)
VN-GR-B1	2000mm	1100mm	180mm	180mm	90X60mm

Absorbable impact energy: when the forklift and the guardrail are at 90 degrees, the impact of the tail of the forklift on the middle of the 1.5m beam

2064kg vehicle at a speed of 7.1km/h

3814 Joules



Impact Recovery GuardRail are equipped with large-diameter crossbars, focusing more on low-level protection, which can isolate moving vehicles in various factory areas, avoid collisions, have superior performance, and protect corporate property and personnel safety;

APPLICATION



Endcap



Bar



Corner



Middle Section



A high polymer collision protection strip is a new type of protection system. It is suitable for protecting pillars, wall corners, wall surfaces, and shelf ends. It can be combined with pedestrian guardrails to enhance protection. It can withstand a maximum load of 5 tons from a forklift and impacts at a speed of 7 km/h.

- The bright yellow color provides excellent warning visibility.
- The length and corners can be customized according to requirements.
- It is durable and maintenance-free.



Hexagonal Bar

Meets different size requirements.



360-degree interlocking

Provides all-around protection for equipment and facilities.



Multiple protection

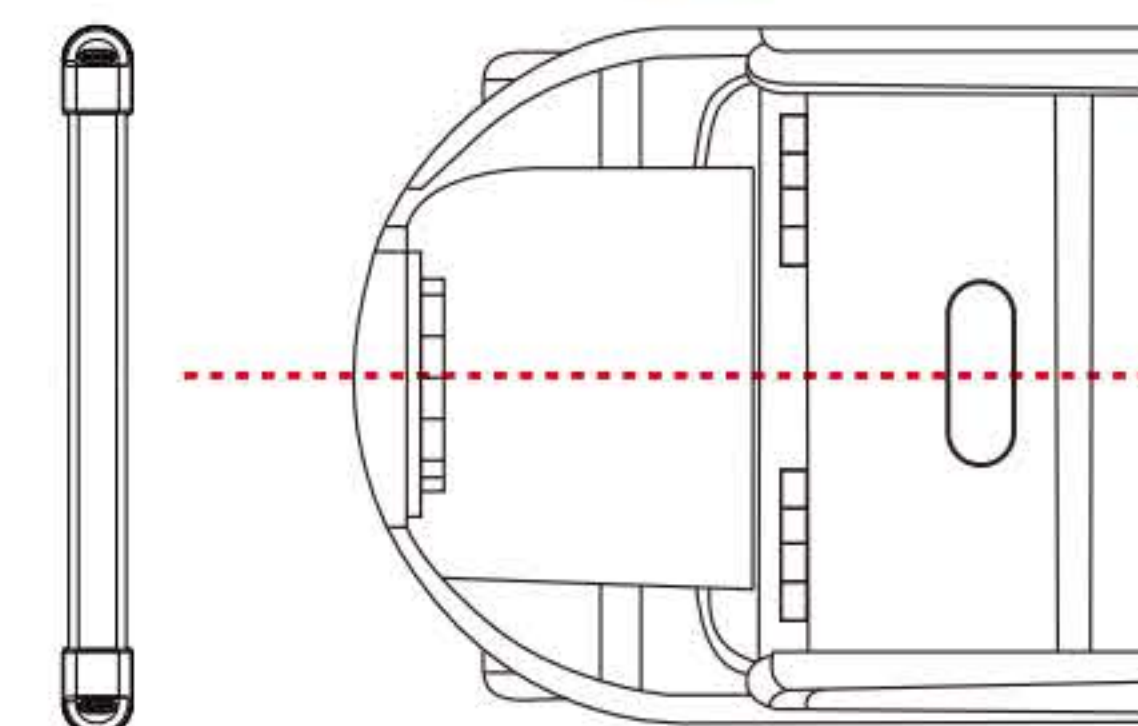
Can be used in combination with pedestrian guardrails.

02 GROUND-MOUNTED GUARDRAIL

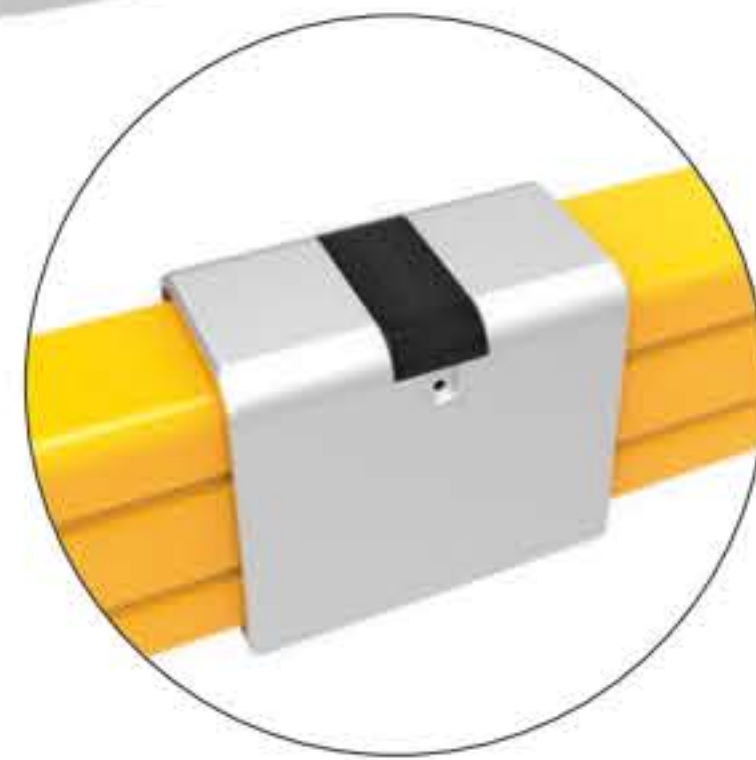
The impact energy absorbed is 4252 joules when a 2064kg forklift collides with the guardrail at a 90-degree angle, with the rear of the forklift impacting the middle section of a 1.5m beam at a speed of 7.5 km/h.

2064kg vehicle at a speed of 7.5km/h

4252 Joules

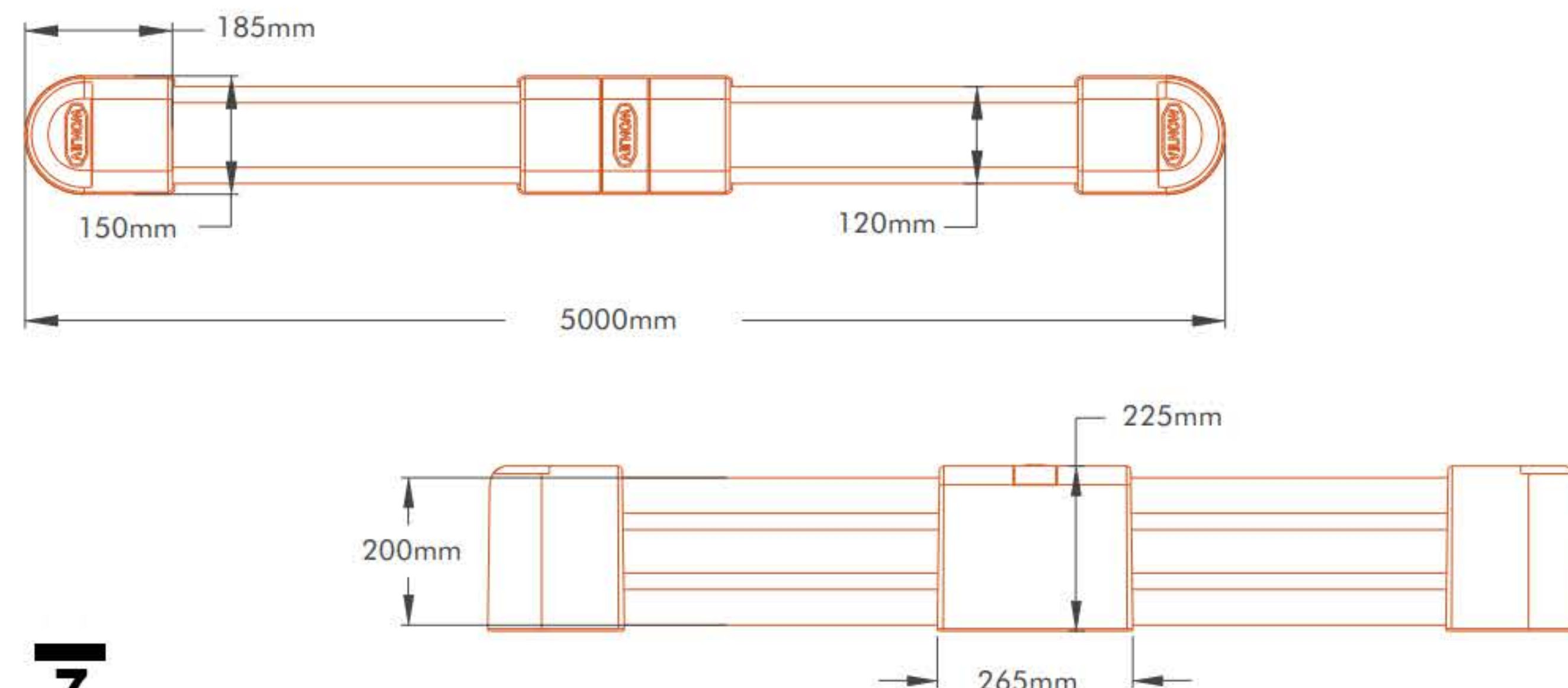


RACK END GROUND BARRIER



Model No	VN-LGR-1
Length	5000mm(customizable)
Height	200mm
Width	120mm

Dimension Display of Product Profile



RACK END GROUND BARRIER



Model No	VN-LGR-2	VN-LGR-Middle-1	VN-LGR-Corner-1
Part	Guardrail	Middle	Corner
Length	2000mm	265mm	275mm
Height	200mm	225mm	225mm
Width	120mm	150mm	275mm

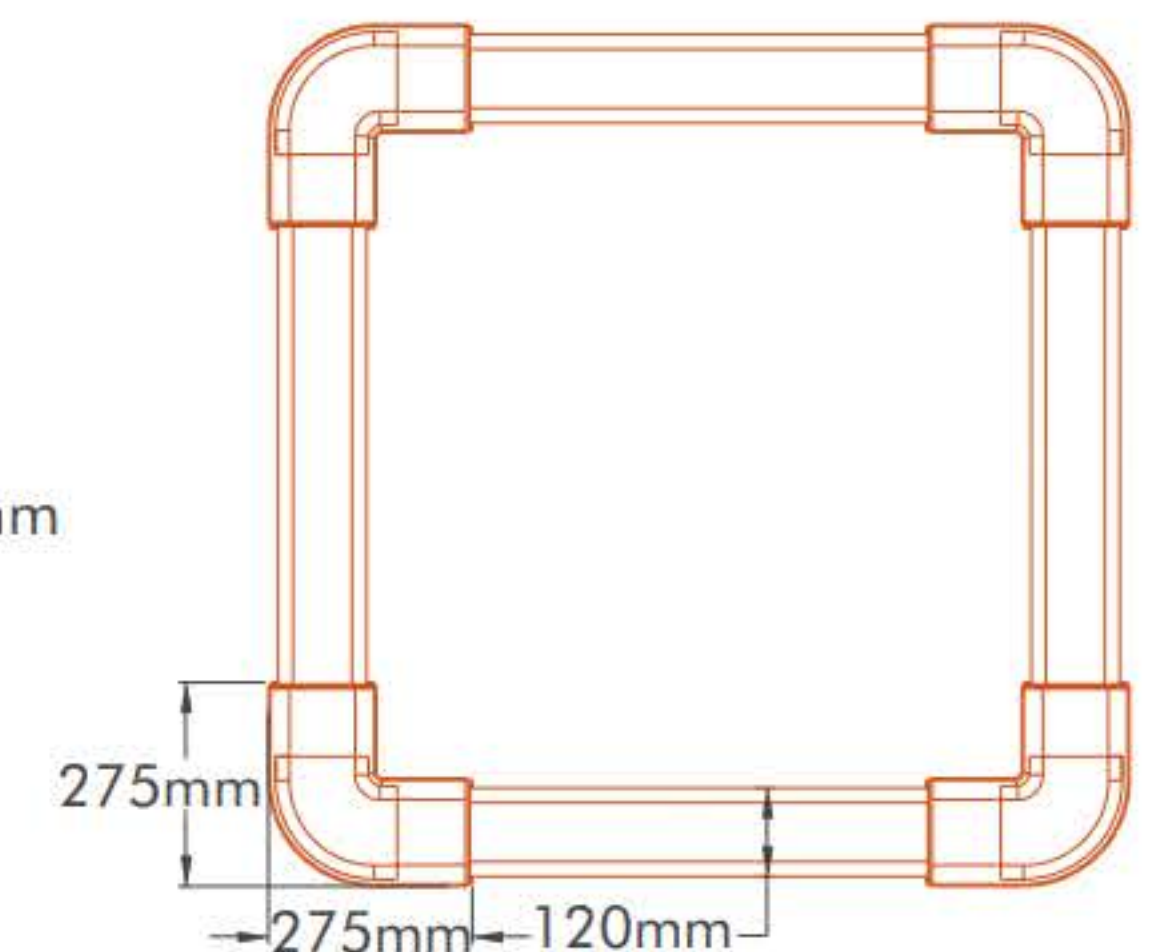
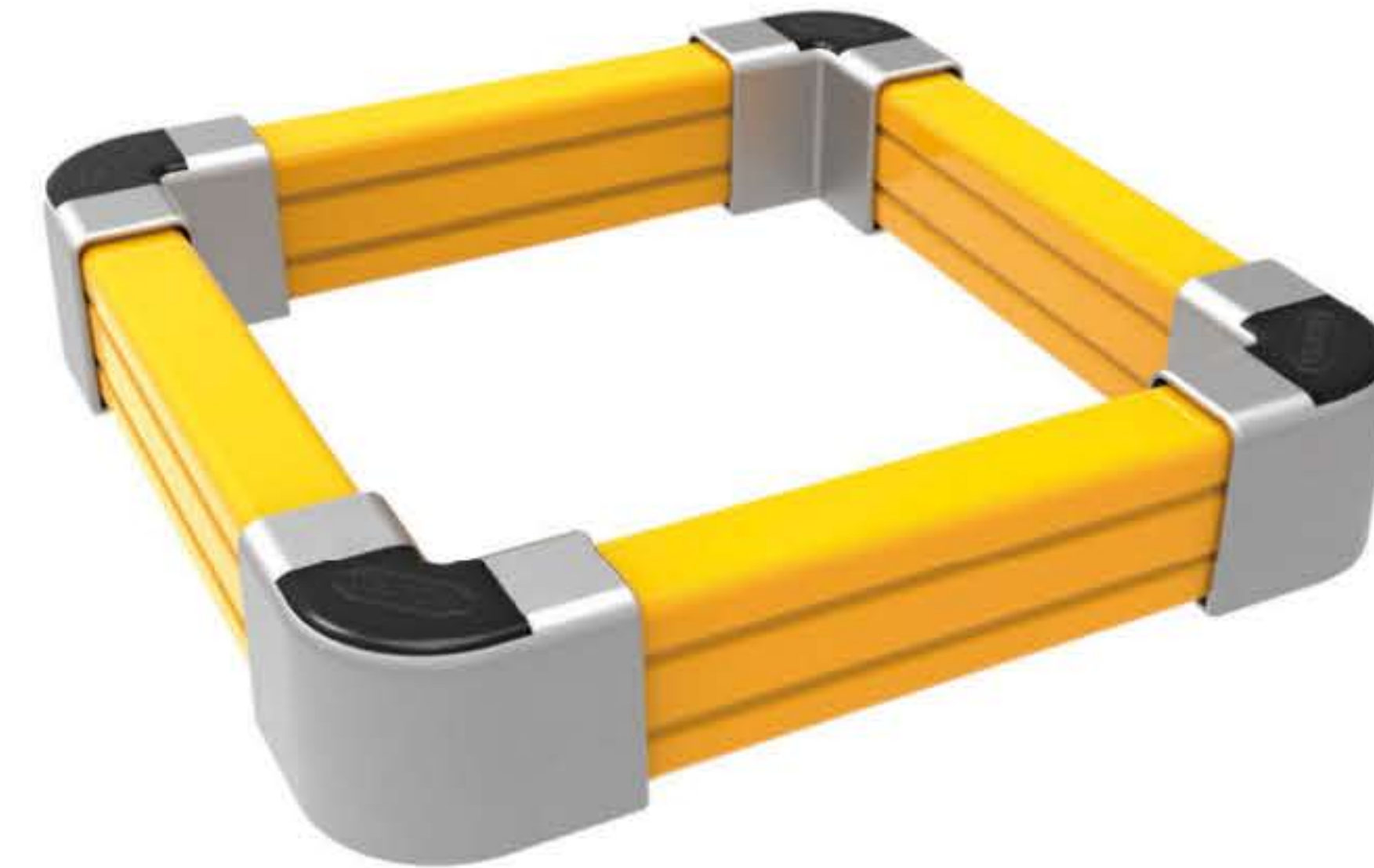


RACK END GROUND BARRIER



Model No	Length	Height	Width	End Size
VN-LGR-3	2000MM(customizable)	120mm	200mm	215X380mm

RACK END GROUND BARRIER



Model No	Part	Length	Width	Height
VN-LGR-150	Guardrail	1500mm(customizable)	120mm	200mm
VN-LGR-Corner-1	Corner	275mm	275mm	225mm

03 FLEX-POLY BOLLARD

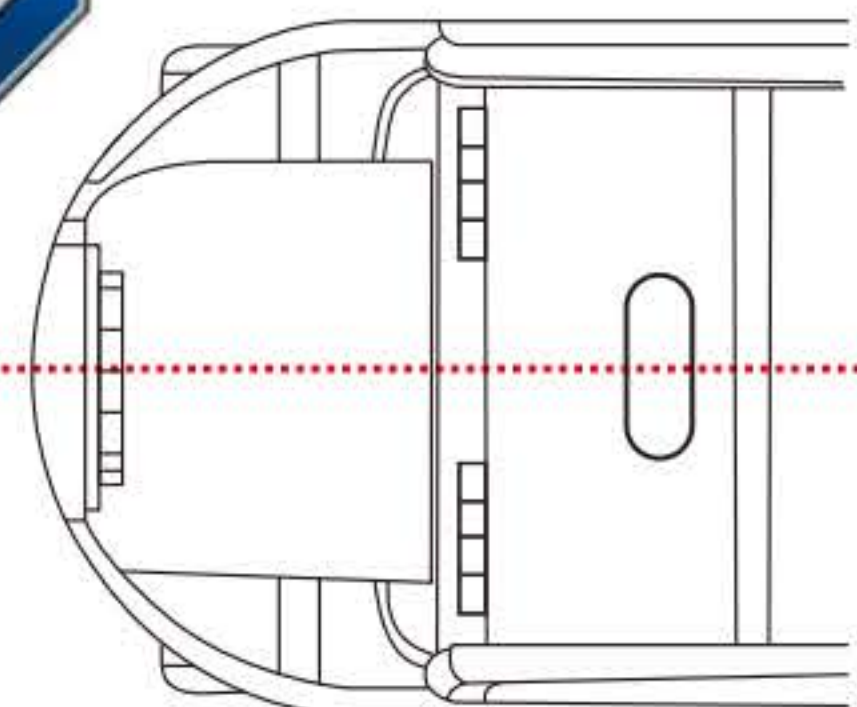


Model No	Height	Column Dia	Base Dia	Core Steel Height
VN-PSS-18-50	500mm	180mm	200mm	450mm
VN-PSS-18-110	1100mm	180mm	200mm	450mm

Absorbable impact energy: When the forklift is at a 90-degree angle to the flex-poly bollard, the rear of the forklift impacts the bollard.

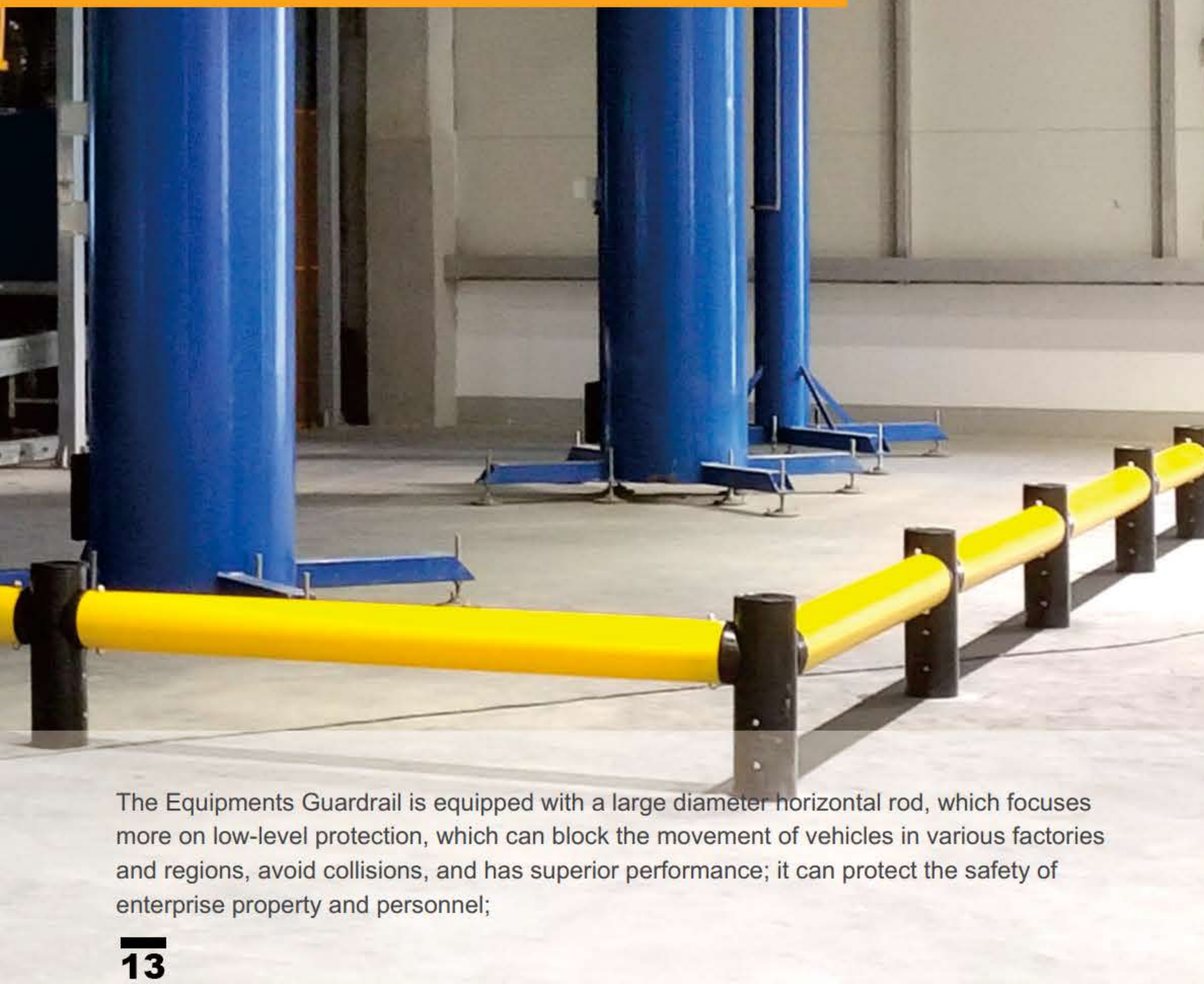
2064kg vehicle at a speed of 7.2km/h

4252 Joules



Polymer flexible anti-collision columns are suitable for areas with high collision risk, such as gates, passageways, shelves and machines; yellow through body and high visibility; unique structures can effectively absorb impact force; and forklifts with a maximum weight of 4 tons can withstand impact at a speed of 6Km/H.

04 EQUIPMENTS GUARDRAIL



The Equipments Guardrail is equipped with a large diameter horizontal rod, which focuses more on low-level protection, which can block the movement of vehicles in various factories and regions, avoid collisions, and has superior performance; it can protect the safety of enterprise property and personnel;



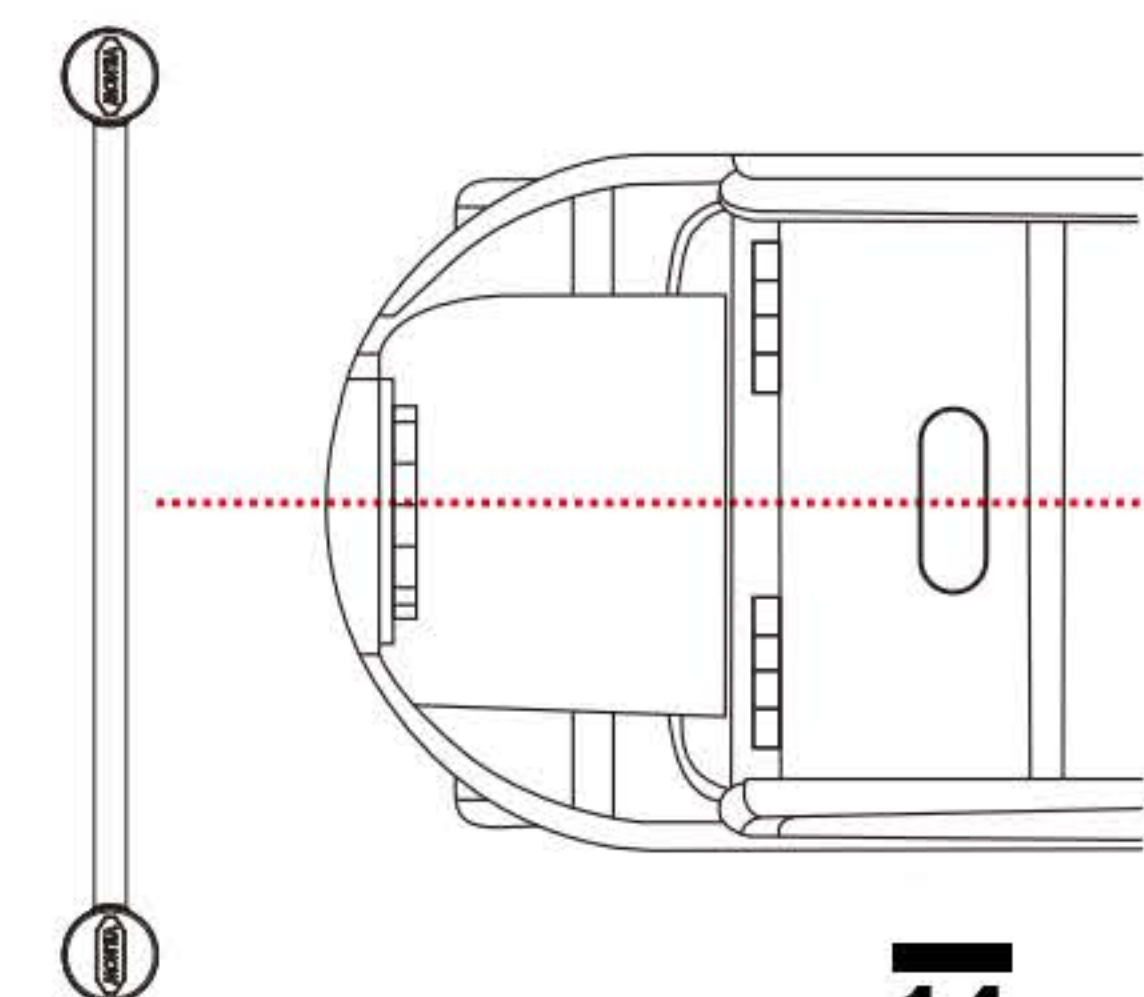
Model No	Length	Column Dia	Bar Diameter	Bar Size
VN-EGR-1	1500MM	180mm	180mm	200X200mm

Absorbable impact energy: when the forklift and the guardrail are at 90 degrees, the impact of the tail of the forklift on the middle of the 1.5m beam



2064kg vehicle at a speed of 7.1km/h

3814 Joules





05 COLUMN PROTECTOR

Column Protector is used to reducing the damage caused by forklift truck accidentally hitting the column of the warehouse. At the same time, it can also reduce the damage caused by impact to the forklift itself. Specifically designed to provide integrated column protection for square and rectangle universal columns. Especially suitable for fast moving and heavy objects. Vehicle collision is a common problem in warehouse system. This product is made of LDPE to dissipate impact forces and expand the surface area of the material to maximize energy absorption.



Model No	BS-NRB-350-100	BS-NRB-350-150	BS-NRB-610-200	BS-NRB-610-250	BS-NRB-610-300	BS-NRB-870-350	BS-NRB-870-400	BS-NRB-870-450
Height	900mm	900mm	900mm	900mm	900mm	900mm	900mm	900mm
External Conjugate	350mm	350mm	610mm	610mm	610mm	870mm	870mm	870mm
Internal Side	100mm	150mm	200mm	250mm	300mm	350mm	400mm	450mm
Dimension Figure								

06 RACK PROTECTOR

Designed to protect racks from front, side and scrape impacts by workplace vehicles. It is made of high molecular polymer material and use plastic blow molding. Rack protector absorb and deflect impacts, transferring energy around the rack rather than through it, preventing damage to uprights.

Features

1. Easy to install and remove. Stackable design
2. Protect racks from front, side and scrape impacts by workplace vehicles
3. It can withstand up to 4 tons of forklift truck impact at 2 km/h.

Heavy Duty Supply
IMPACT PROTECTION



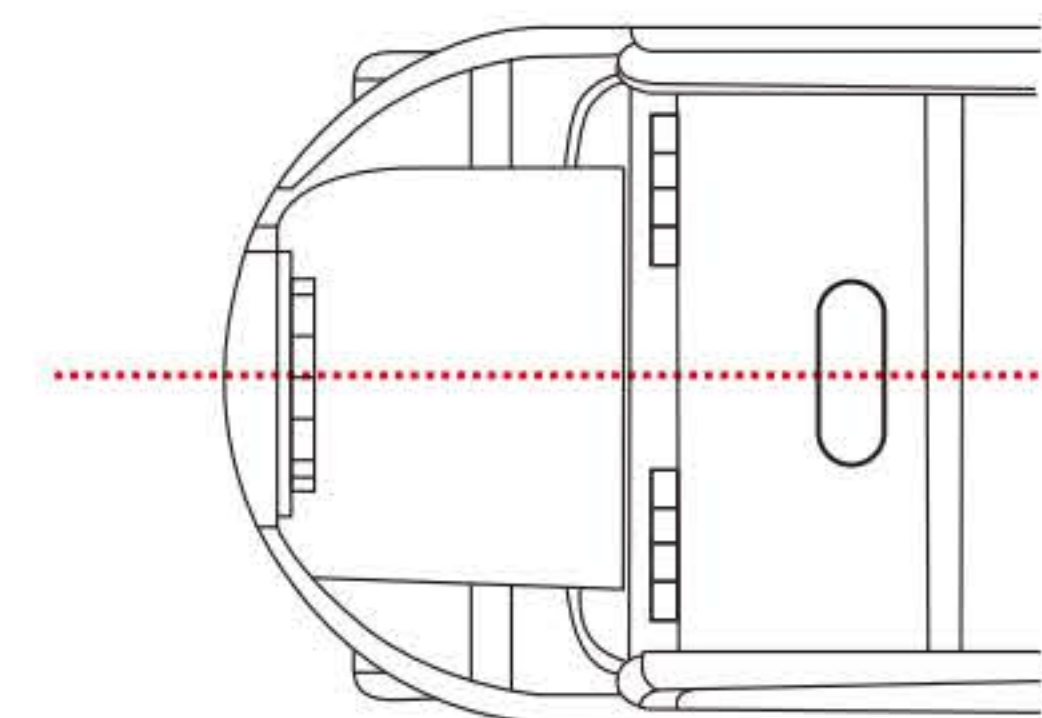
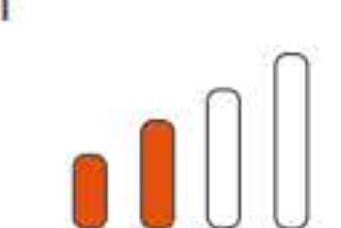
It is fixed with bandage, simple and convenient.



Absorbable impact energy: when the forklift is at a 90-degree angle to the rack protector, the rear of the forklift impacts the rack protector.

2064kg vehicle at a speed of 3.3km/h

832 Joules



Model No	BS-NRB-9	BS-NRB-10	BS-NRB-12
Height	500mm	500mm	500mm
Width	127mm	140mm	165mm
Opening width	90mm	100mm	120mm
Dimension Figure			

07 DOOR FRAME RESTRICTOR



Designed to protect the edges of doorways and prevent damage from vehicle impacts. They stop vehicles and loads from making contact with doorway edges, preventing costly damage. It reduces the maintenance cost of the warehouse. The post is made of polymer material.

Features:

1. Tailor the solution to your individual needs
2. Withstand up to 5 tons of forklift truck impact at 4 km/h

Model	Height	Width	Column dia	Bar dia	Plate size
VN-FGR-200X200	2000-4500MM	1800-4000mm	180mm	90mm	230X230X12mm

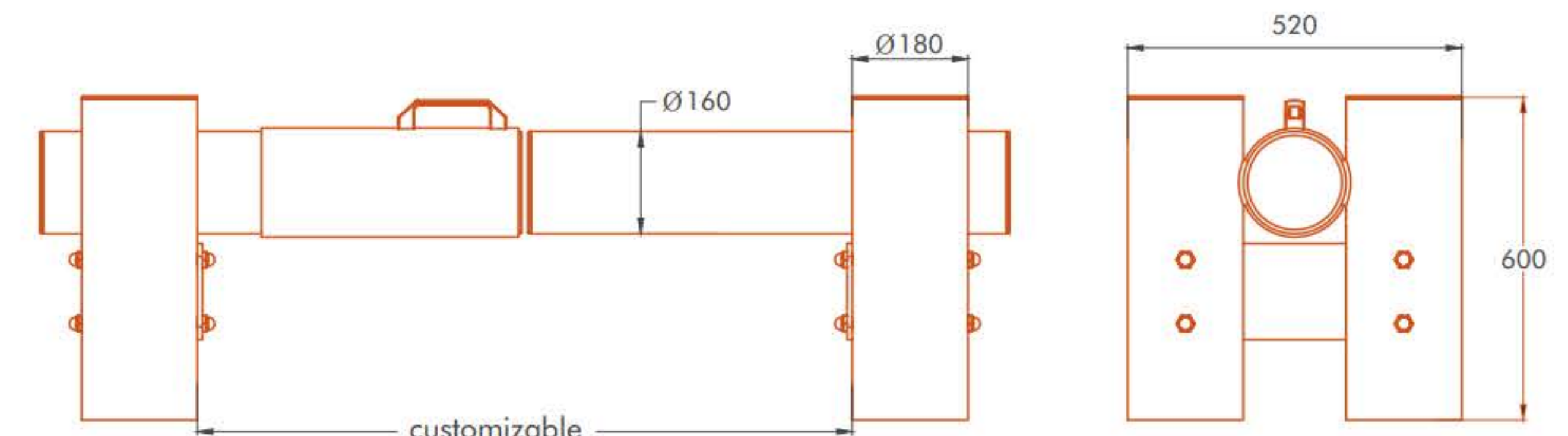
08 BARRIER TYPE FLEXIBLE ANTI-COLLISION GUARDRAIL

It can protect enterprise logistics loading and unloading platform facilities.

The top of it is a handle designed to facilitate access

It can prevent scratches from causing damage to the forklift and avoid maintenance costs.

The base is built into an industrial rubber buffer, which is fixed by special bolts. .



Model No	Length	Width	Height	Column Dia	Bar Dia
VN-AG-1	customizable	520mm	600mm	180mm	160mm