

2021



-flexx

Flexible impact protection

WELCOME




Where we are

- Production in Denmark
- Logistics center in Peine, Germany- Fast and reliable service for worldwide deliveries.

HD NEW video consultation

- Personal advice, no matter where in the world you are
- Take advantage of the video consultation option now and make an appointment with our sales team!



 Scan me

D-flexx FLEXIBLE IMPACT PROTECTION

- **Flexible** impact protection made in our own production
- The flexible material is **deforming** and **returns to its original shape** after a collision.
- For **outdoor** and **indoor** use
- **100% recyclable**
- **Easy installation** - fixing material included
- **Minimizes maintenance costs** considerably
- Product variation for individual needs
- Individual cutted products for **custom fitting**





Information about the impact angle



The maximum impact loads (joules) specified by us are based on an impact angle of 90°. The smaller the impact angle, the higher the maximum impact load. The expected impact angle therefore plays a significant role in the selection of the most suitable d-flexx impact protection product. An important criteria for the correct decision is whether your forklifts and industrial trucks move parallel or frontally to the barrier. An important decision criterion is whether the forklift trucks used move parallel or frontally to the barrier.

In addition, the total weight of the forklift truck must be taken into account.

The heavier the forklift trucks that are in use, the more massive the impact protection has to be. We are happy to assist you in selecting the right product for your needs.



Safety is a key-topic in every industry. Provided the correct way, it ensures a protected work environment for people and machines. The innovative d-flexx impact protection products made of Polyethylene has many distinct advantages over impact protection products made of steel.



Flexibility

The polyethylene material reliably absorbs the impact energy of forklifts and industrial trucks and releases it once the vehicle leaves the impact site.



Cost efficient

After a collision, environment and vehicles are undamaged, heavily reducing maintenance costs durably.



Stainless

Unlike steel, polyethylene does not rust and is therefore much more durable.



INTERNATIONALLY APPROVED

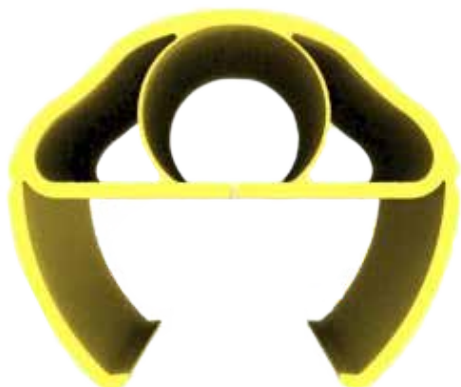
✓ **d-flexx** - tested safety made in Denmark!

Safety is a top priority for the creators of d-flexx. For this reason the products of the d-flexx series have been tested.



Simple and efficient the advantages of **d-flexx** crash protection products

- ✓ Suitable for **outdoor** and **indoor** use
- ✓ **Easy installation** - mounting equipment included
- ✓ **Reduce** repair and maintenance **costs** to a minimum
- ✓ **Versatile usage area** - whether in production, warehouse or logistical areas
- ✓ **Customized** lengths available to perfectly **suit your needs**



moderate impact
absorption

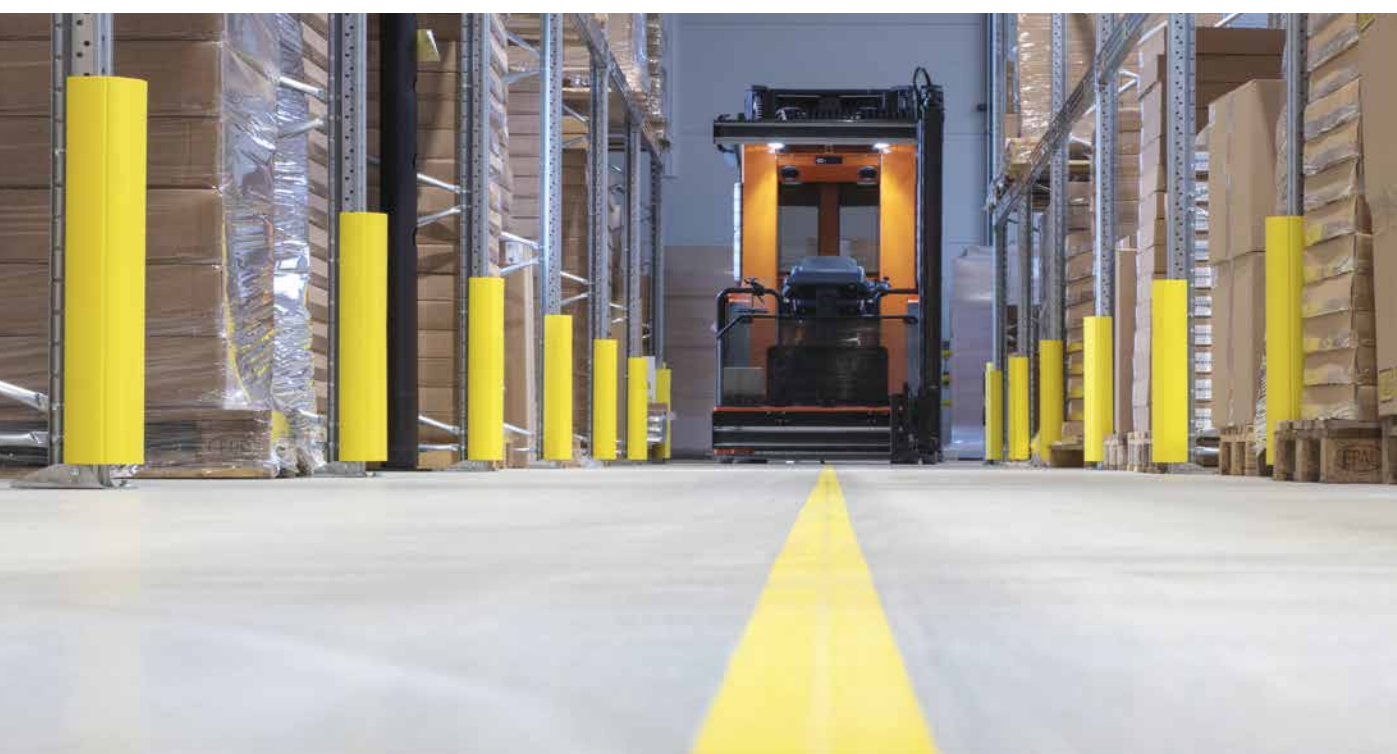


„ALFA“

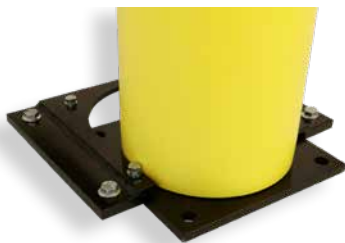
The flexible d-flexx rack protection „Alfa“ is an innovative protection for shelves. The simple assembly without additional tools allows a quick application and easy handling .

The rack guard is clicked directly onto the shelf to be protected. Due to the not necessary ground fastening, the ground is protected in case of a collision.

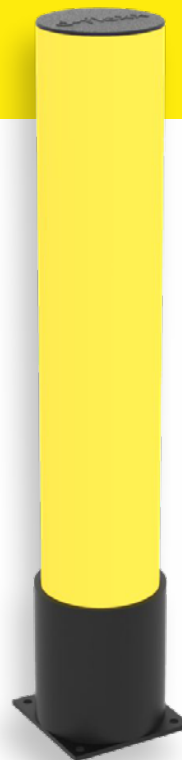
The d-flexx rack protection „Alfa“ is available in three different heights.



RACK GUARD „ALFA“



SLIDER PLATE



„BRAVO“

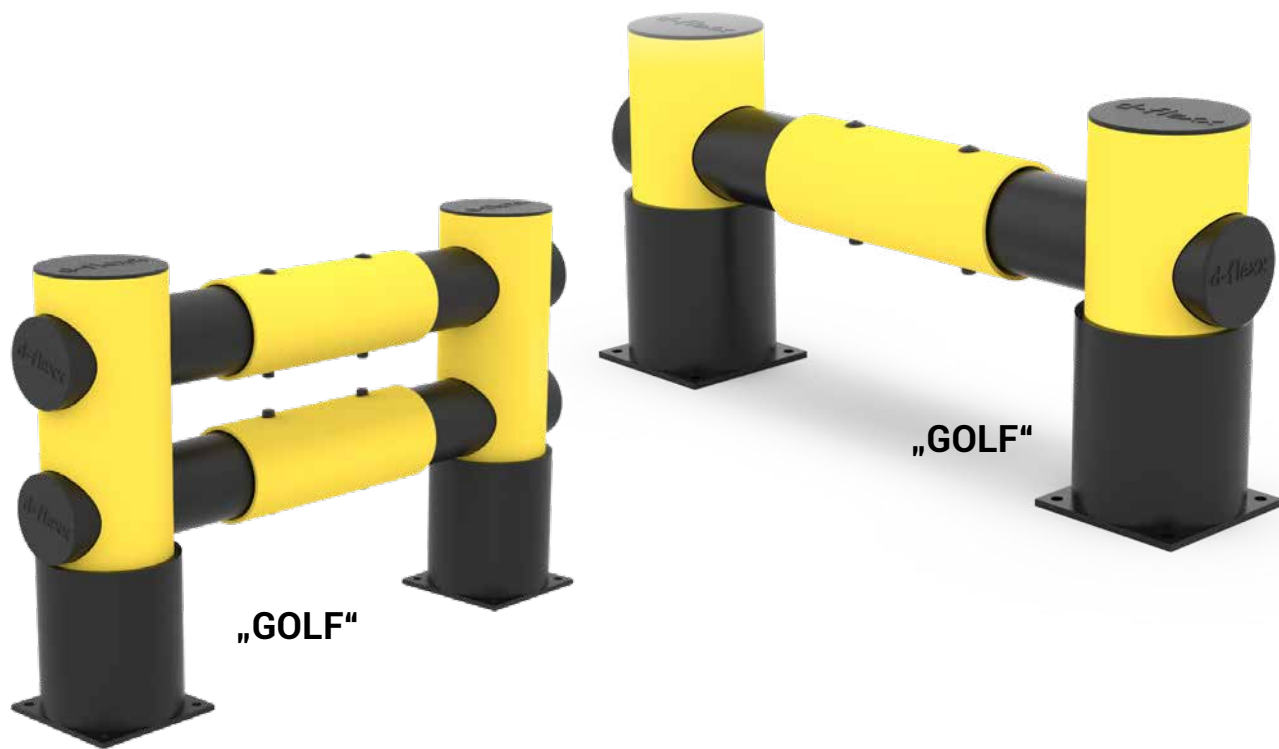
The flexible d-flexx bollards „Bravo“ absorbs the impact energy. The processed special material does not damage the bollard and the vehicle.

Due to its robustness and high visibility the bollard is ideal to be installed on parkings, entrances and for separation of pedestrian areas.

The d-flexx bollards „Bravo“ are available in a diameter of 200 mm and height of 516 mm | 760 mm | 1200 mm

The fixing material is always included in the delivery.



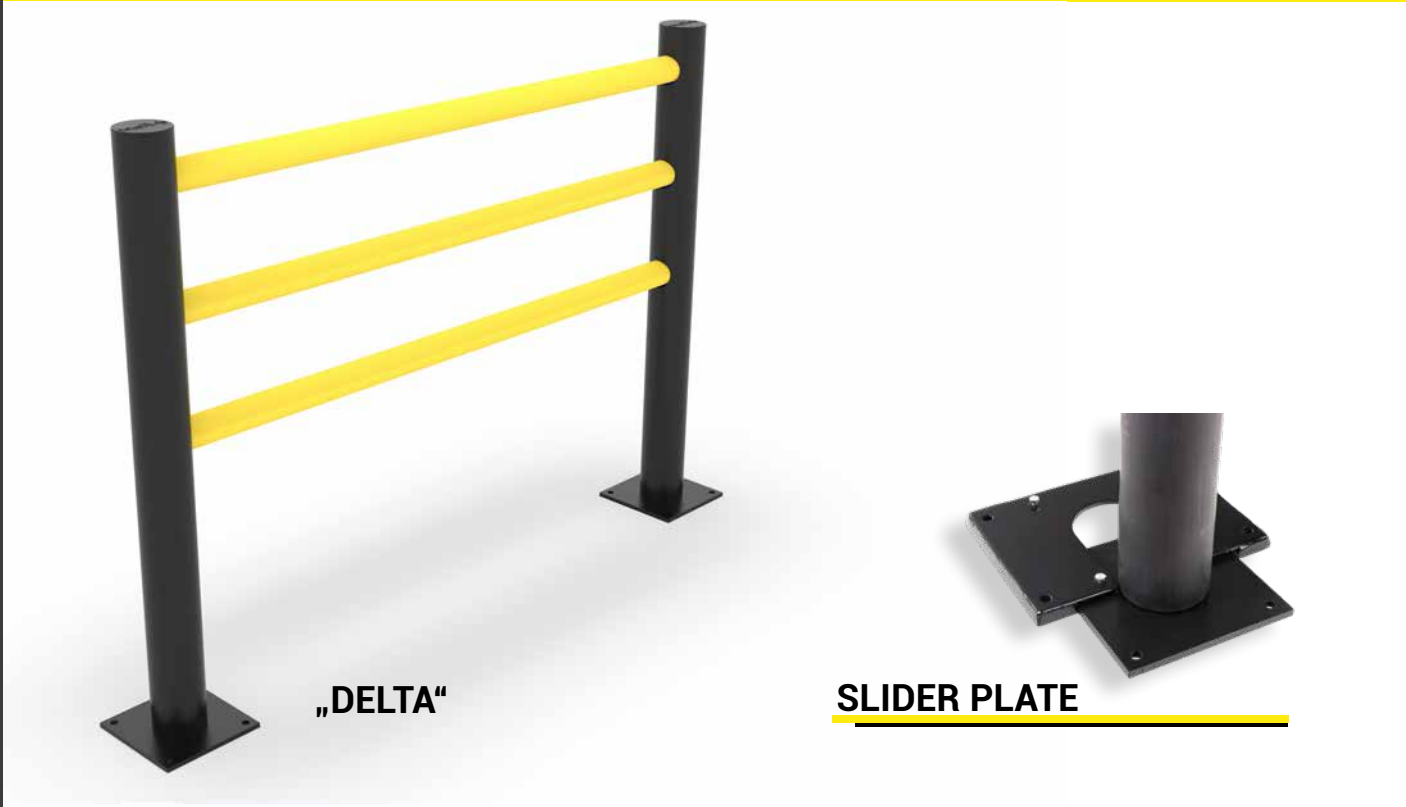


The flexible d-flexx rack end barriers „Golf“ protect the rack ends in outdoor and indoor use. Once installed, the rack end is not in direct contact with the rack to be protected. This allows the rack end protection to absorb the impact energy.

Cost and time consuming maintenance work will be reduced to the minimum. The moveable cuffs additionally absorb the impact energy. The double rack end is for driveways with heavy pallet trucks.

The fixing material is always included in the delivery.





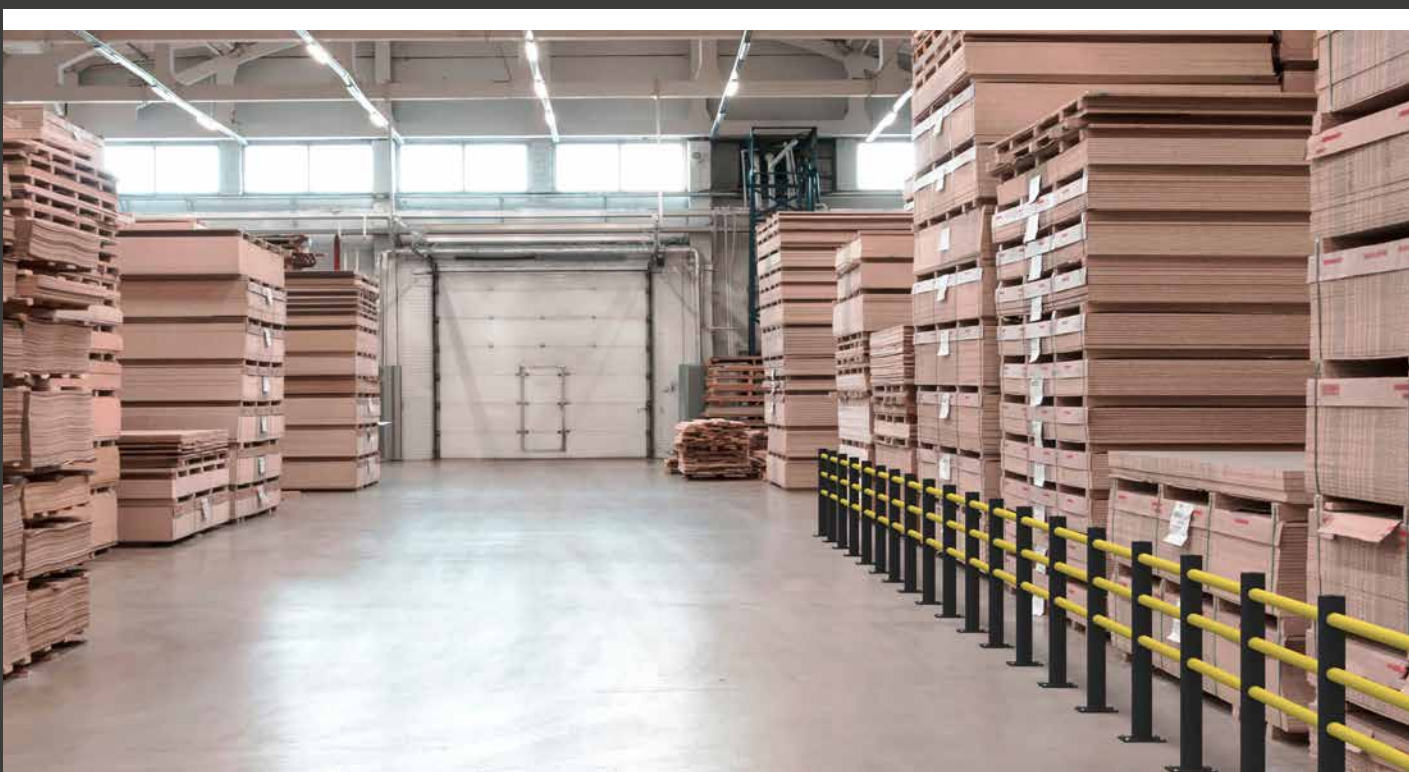
„DELTA“

SLIDER PLATE

The flexible d-flexx safety barrier „Delta“ is an innovative and economic separation of pedestrian areas and trails. Due to the modular system a customized solution can always be supplied by means of individual cuttings.

The fixing material is always included in the delivery.

Compatible with our swing door „Juliet“ (page 10 / 11).

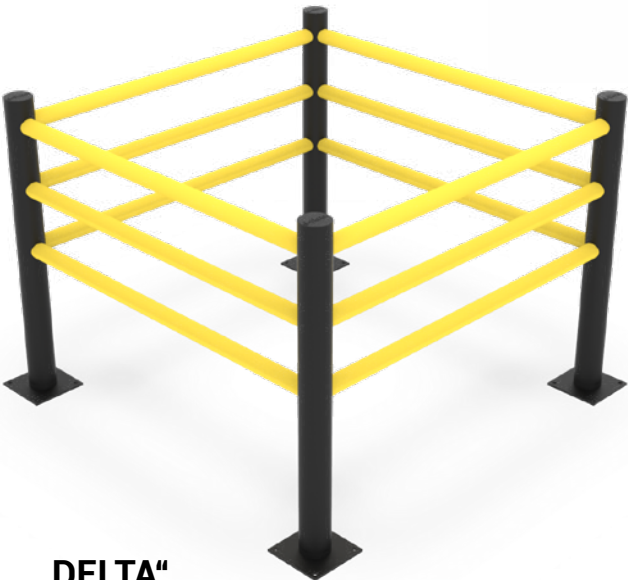


Additionally to the „Delta“ safety barrier we now offer you two variants of the „Delta“ barrier with four beams in height 1200 mm and 1600 mm.

The „Delta“ barrier in 1200 mm height with four beams offers a protection with a difference of only 329 mm to the ground for more protection.

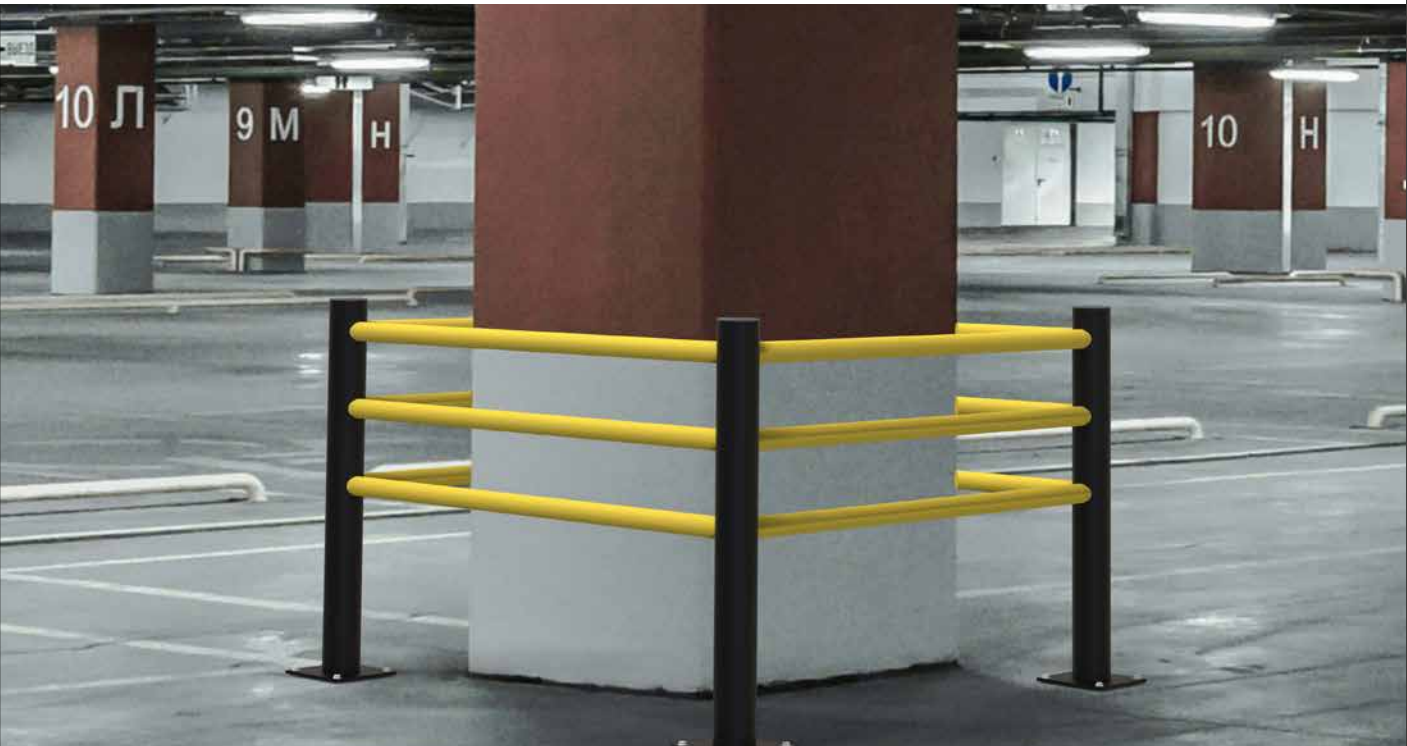


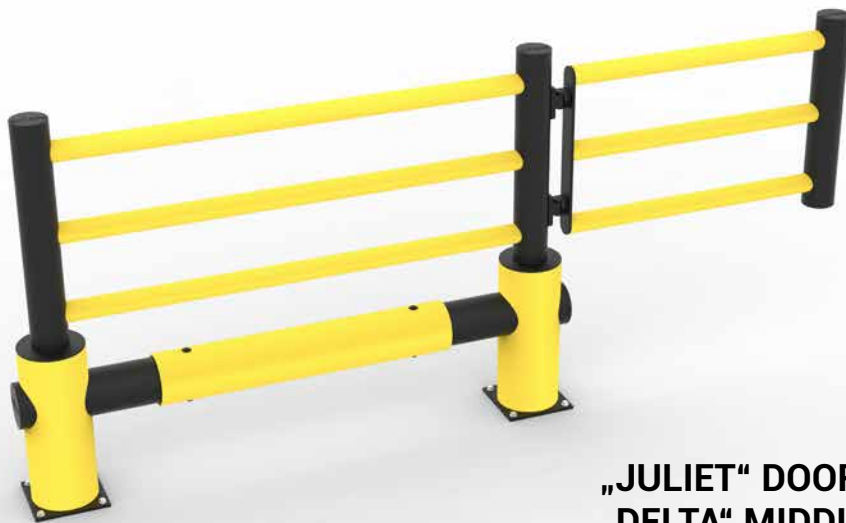
„DELTA“



„DELTA“

COLUMN PROTECTOR HEIGHT
1200 mm „DELTA“





„JULIET“ DOOR +
„DELTA“ MIDDLE POST

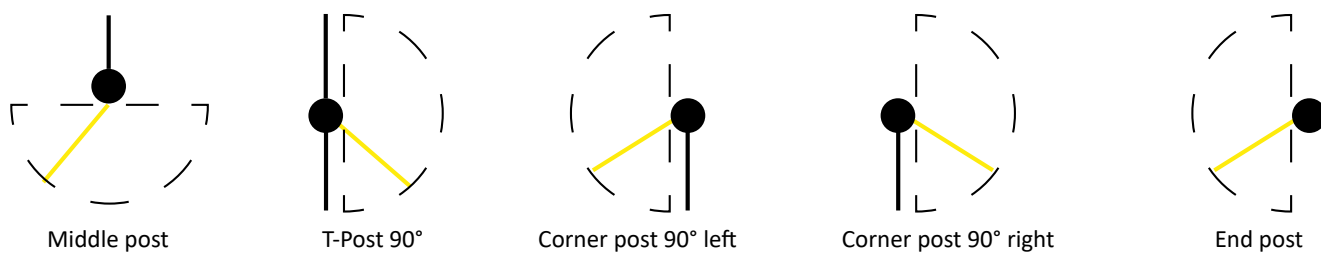


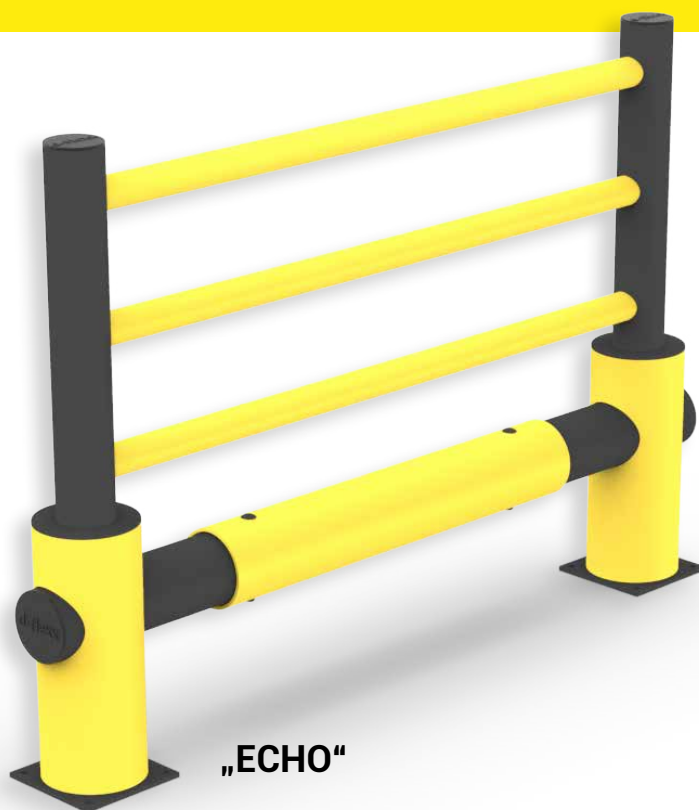
The swing door „Juliet“ can be integrated in our „Delta“ or „Echo“ system. It can be installed also alone with a „Delta“ or „Echo“ post.

The fixing material is always included in the delivery.

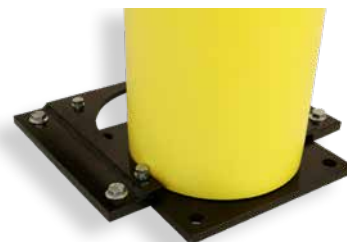
Our swing door „Juliet“ is available with a wheel from a length of 1500 mm.







„ECHO“



SLIDER PLATE

The flexible d-flexx traffic barrier PLUS „Echo“ is a combination of the d-flexx modules „Charlie“ and „Delta“.

Due to the additional heavy pipe in the lower part of the traffic barrier plus, pedestrian areas can be protected additionally.

The fixing material is always included in the delivery.

Compatible with our swing door „Juliet“ (page 10 / 11).



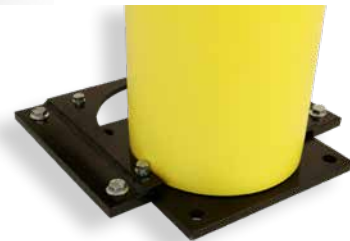


The flexible d-flexx traffic barrier „Lima” is a combination of the d-flexx modules „Delta” and „Hotel”. Due to the additional pipes in the lower part of the traffic barrier it can be used for heavy duty traffic.

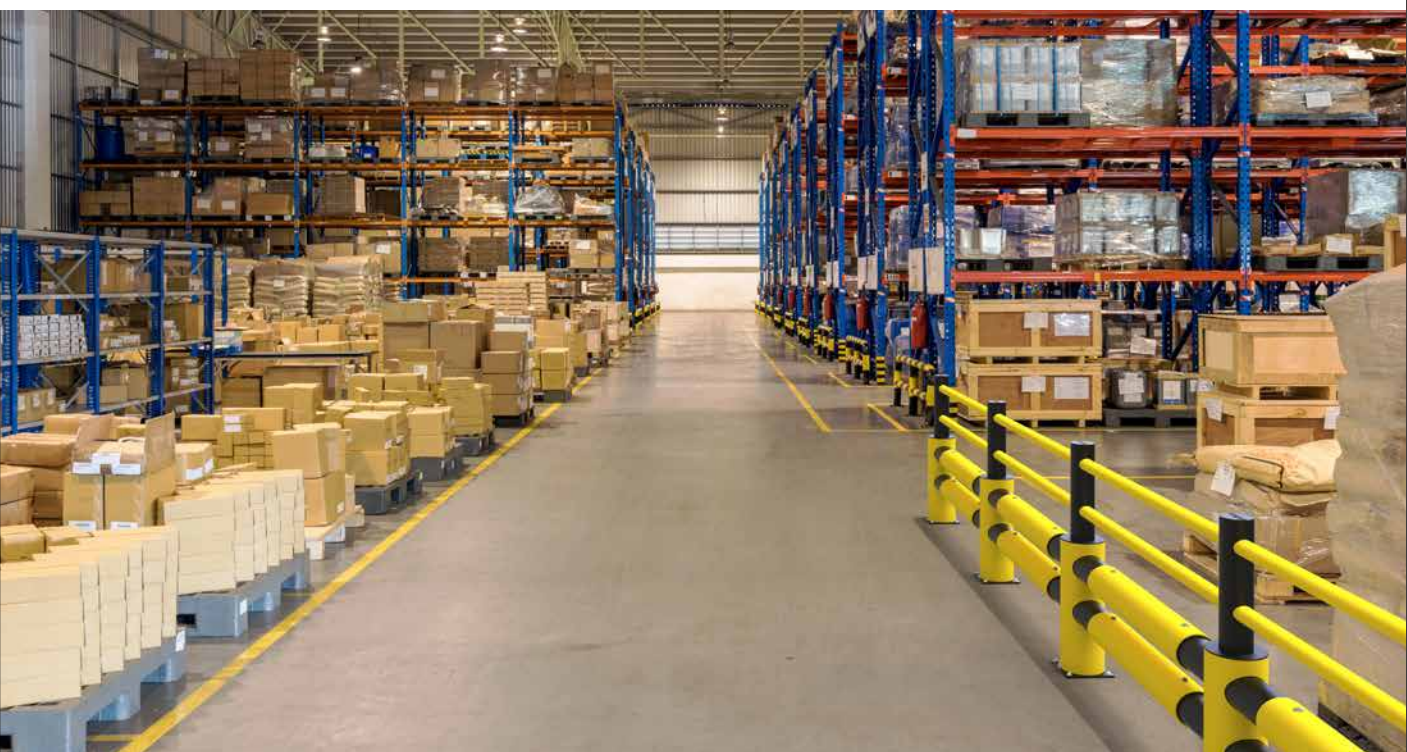
The fixing material is always included in the delivery.

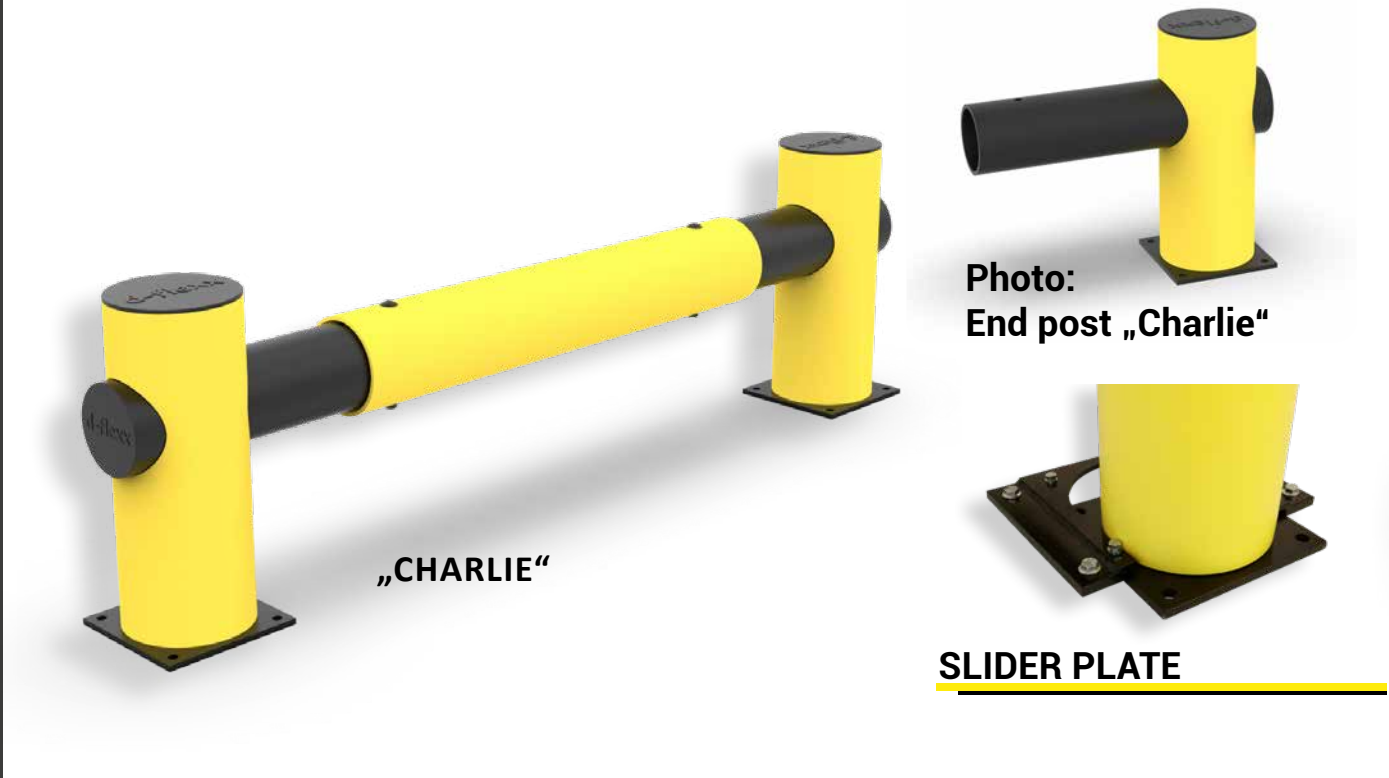


„LIMA”



SLIDER PLATE



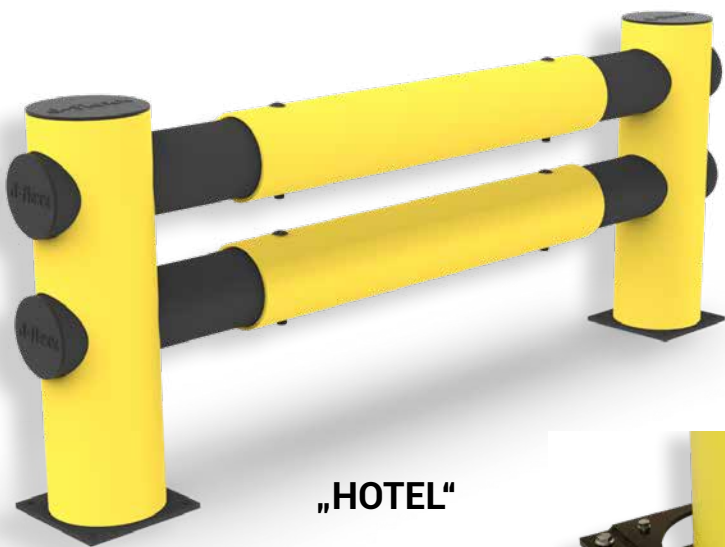


The flexible d-flexx traffic barrier „Charlie“ provides an optimal protection for machines, inventory and employees.

Thanks to the easy and fast assembly in combination with individually cutted lenghts, traffic routes can be separated quickly and easily from work areas or pedestrian paths. Bollards are a useful addition at the end of the traffic barriers.

The fixing material is always included in the delivery.

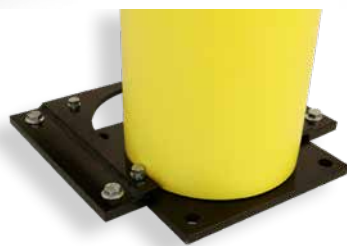




„HOTEL“



Photo:
End post „Hotel“



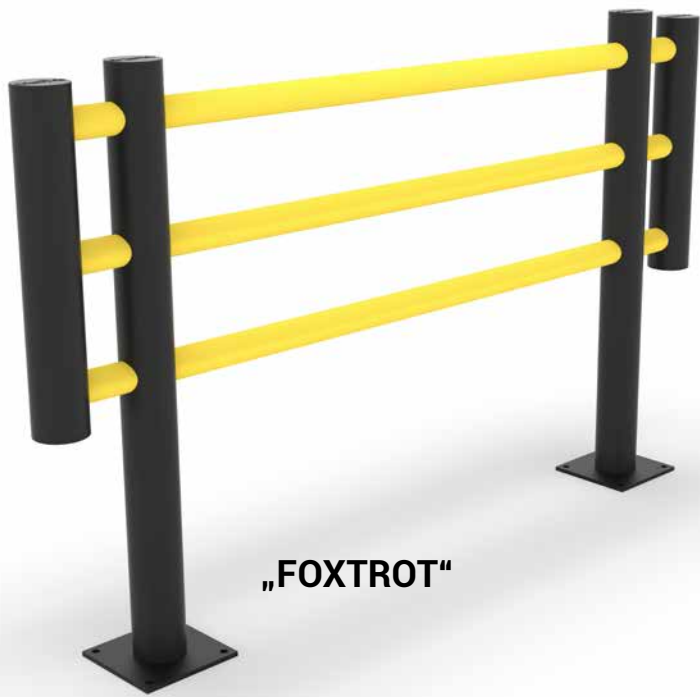
SLIDER PLATE

The flexible d-flexx traffic barrier „Hotel“ provides an optimal protection for machines, inventory and employees.

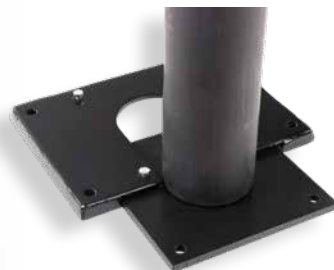
Due to the double pipes and the additional higher posts, the area is more protected. Thanks to the easy and fast assembly in combination with individually cutted lengths, traffic routes can be separated quickly and easily from work areas or pedestrian paths. Bollards are a useful addition at the end of the traffic barriers.

The fixing material is always included in the delivery.





„FOXTROT“

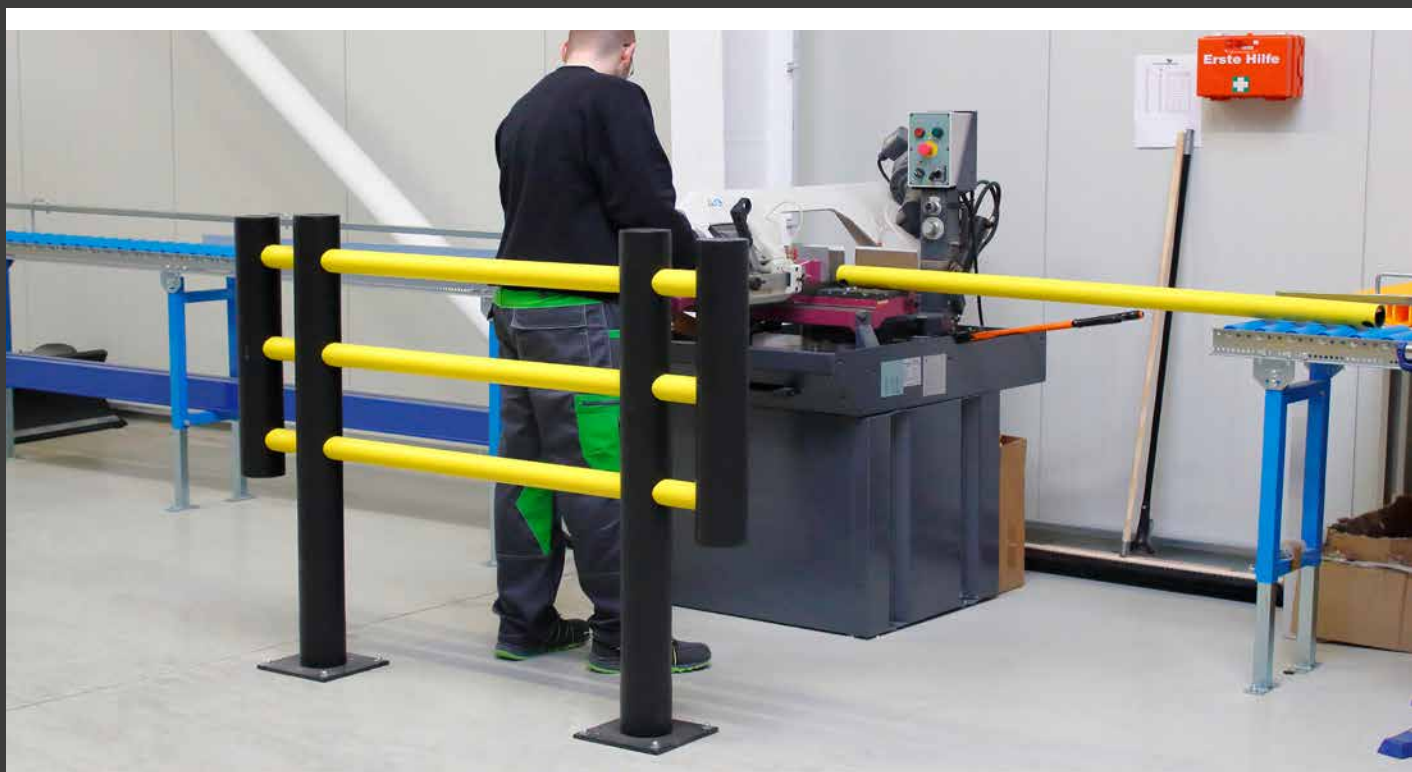


SLIDER PLATE

The flexible d-flexx machine protective fencing „Foxtrot“ are the fast and easy way to separate working areas and routes from each other.

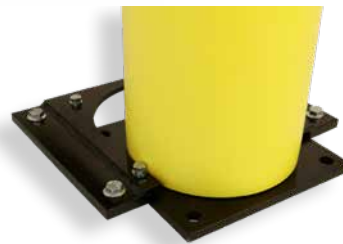
This product is delivered already pre-assembled and can be installed without further assembly activities. The outer sides are provided with an additional handrail to extend the protection area.

The fixing material is always included in the delivery.





„KILO“



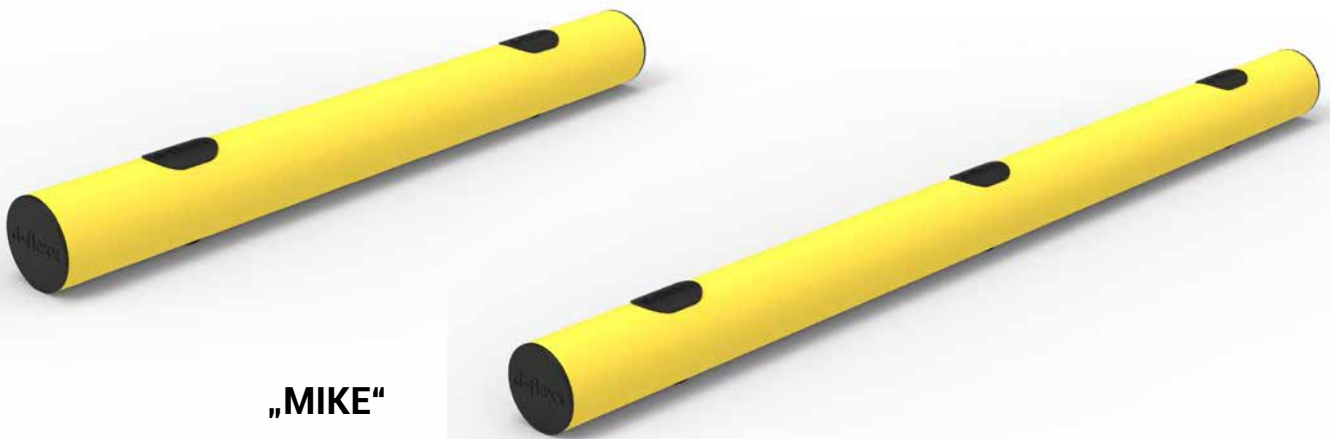
SLIDER PLATE

The flexible d-flexx machine protective fencing „Kilo“ separates quickly, working areas and traffic from each other.

This product is delivered already pre-assembled and can be installed without further assembly activities. The outer sides are provided with an additional handrail to extend the protection areas.

The fixing material is always included in the delivery.





„MIKE“

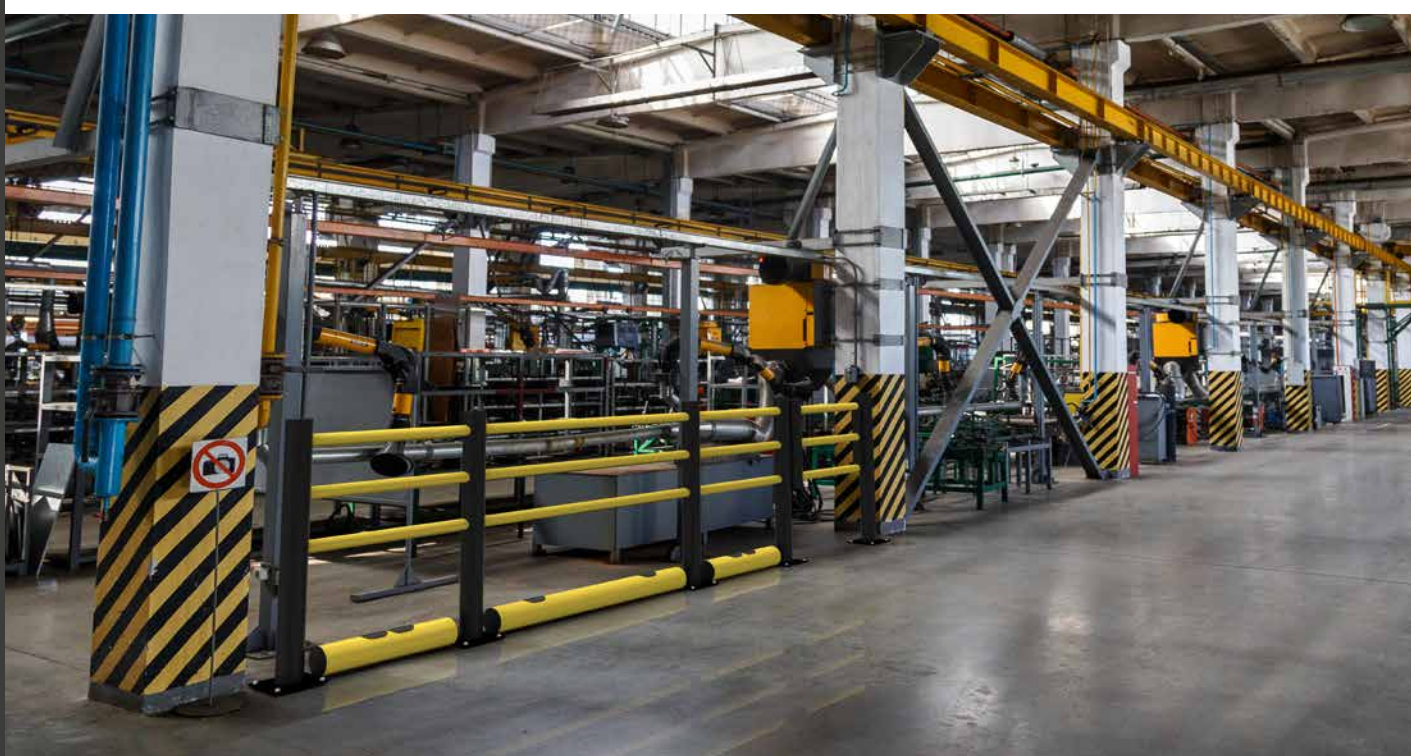
The flexible d-flexx kerb barrier “Mike” is the ideal product to protect walls and assembly lines from collisions in low ground areas.

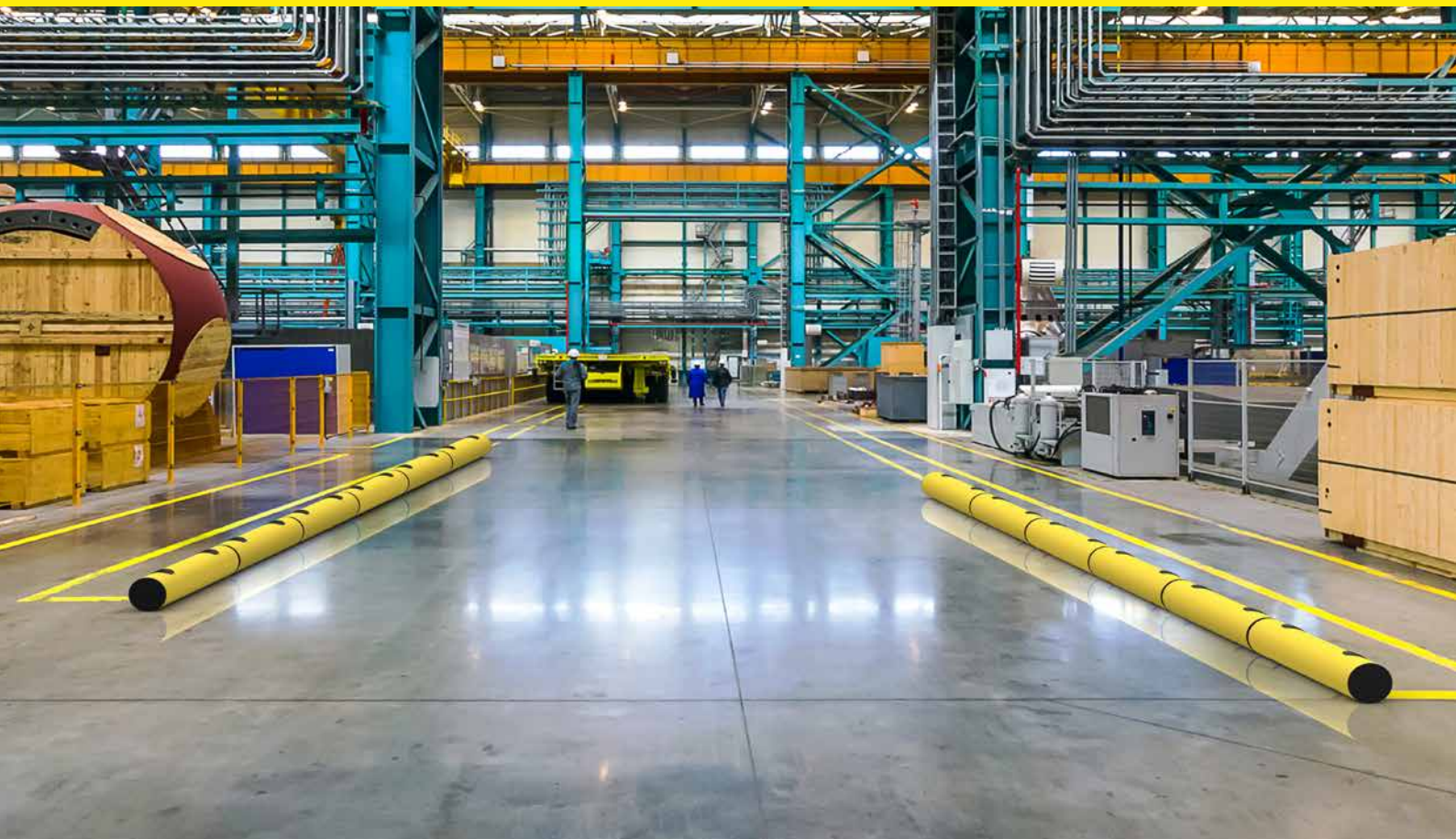
The round shape allows the colliding forklift to bounce off the barrier, therefore absorbing the force. It functions as a guide throughout the installed area. The kerb barrier “Mike” can be combined with most of our d-flexx collection for a full safety solution.

As our other products, it is made from polyethylene to absorb the impact force and return into its original shape. It is easy to install with just two screws and a cost-effective way to prevent low ground collisions.

The fixing material is always included in the delivery.

The height of the kerb barrier is 140 mm.





Compatible with the following products:
Delta, Charlie, Hotel, Echo, Foxtrot, Golf, Kilo, Lima





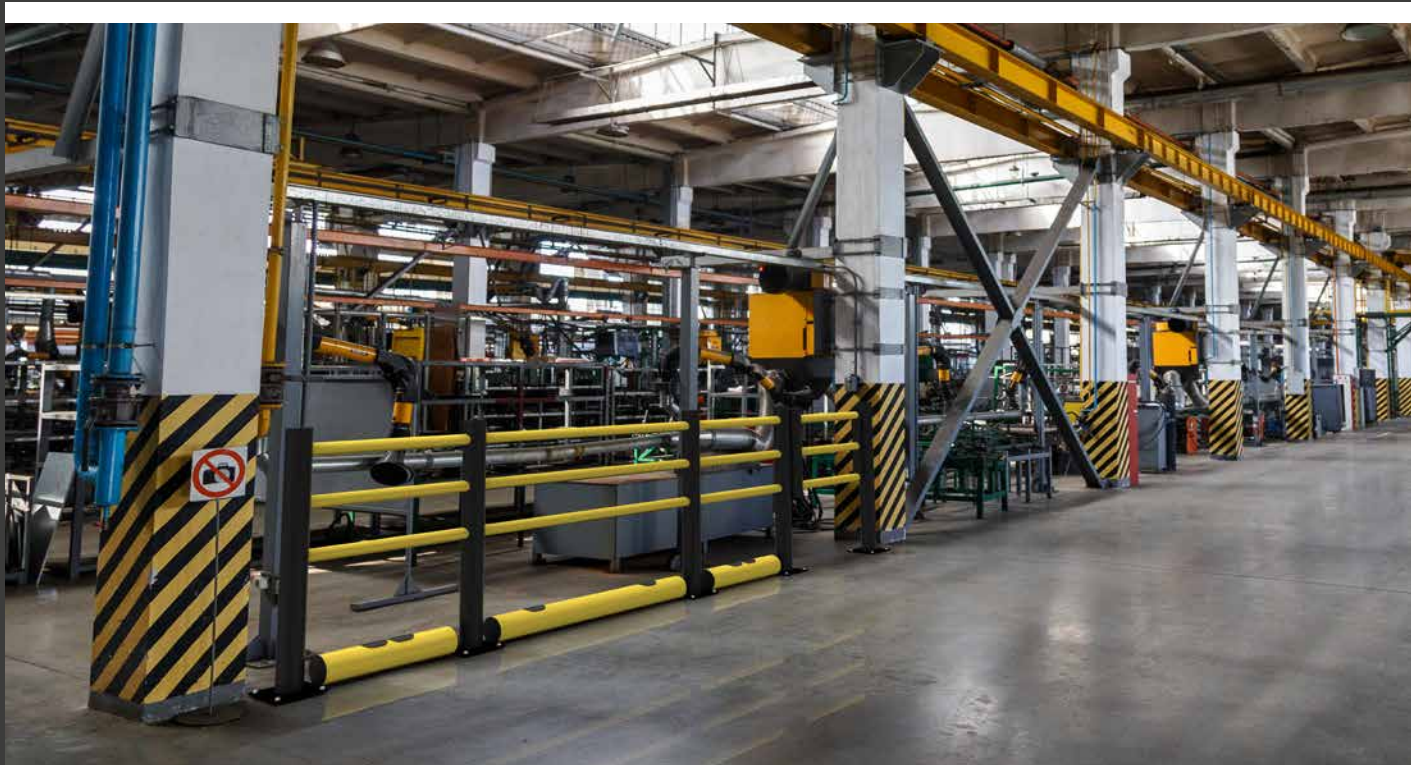
„NOVEMBER“

The flexible d-flexx „November“ Dock Gate is the perfect product for creating more security in loading areas.

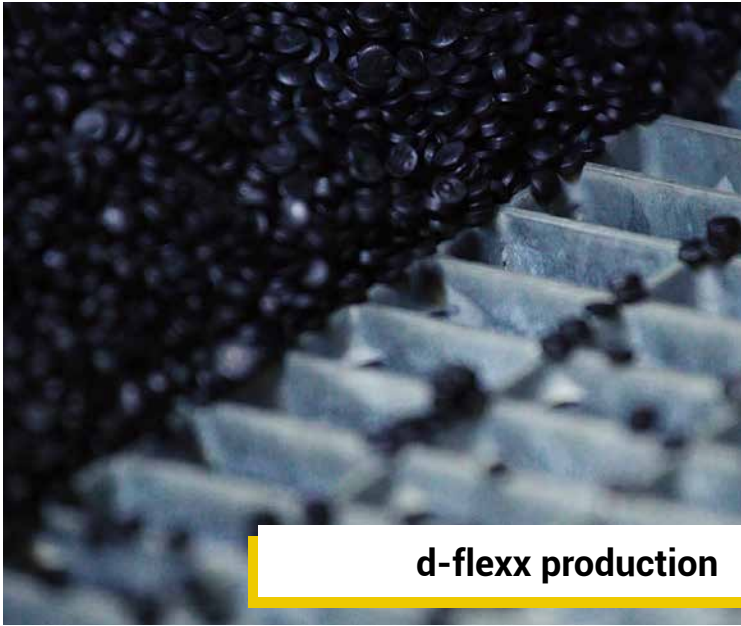
In daily use the d-flexx Dock Gate convinces with its easy handling. It can be opened and closed by one person - simple and uncomplicated. The built-in safety spring also prevents the cross tube from lowering or falling abruptly, thus ensuring safe use. In combination with our other d-flexx products a complete barrier is created.

Like our other products „November“ is made of polyethylene to absorb the impact force and then return to its original shape.

The Dock Gate is pre-assembled and the mounting equipment is included in the delivery.



PRODUCTION & TESTING



d-flexx production



d-flexx production



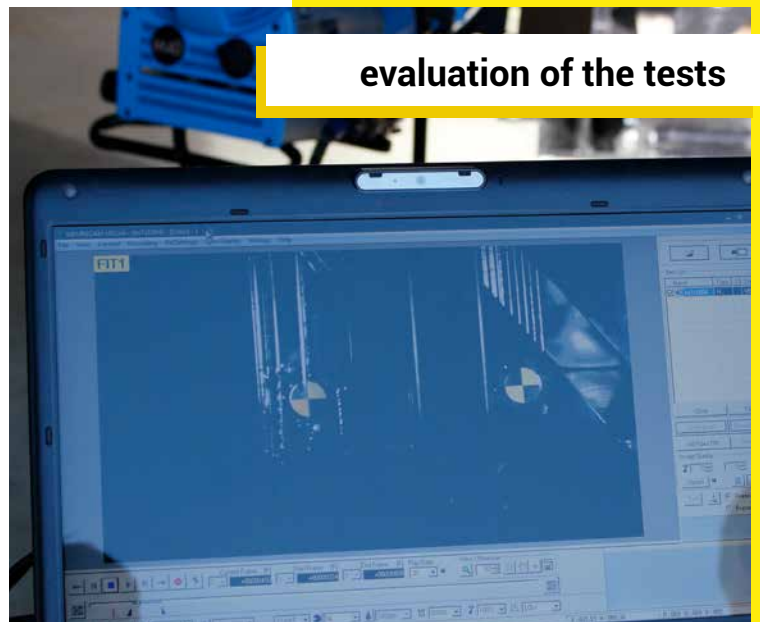
d-flexx production



flexible protection



d-flexx testing

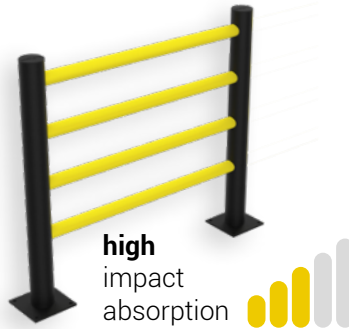


evaluation of the tests

PRODUCT OVERVIEW

endless size

DELTA + DELTA-C



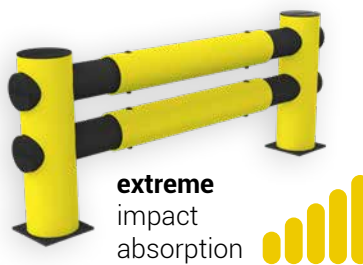
JULIET



CHARLIE



HOTEL



ECHO PLUS



LIMA

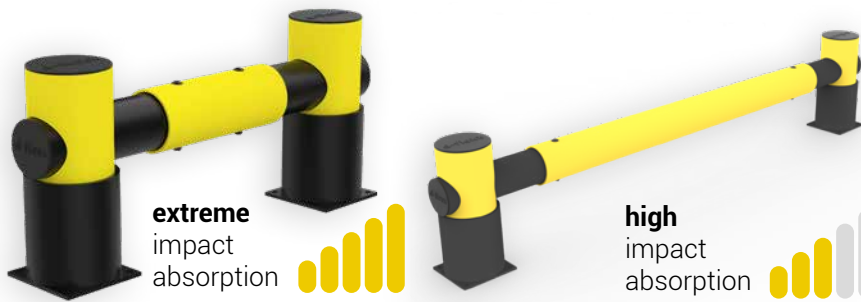


*Impact angle 90°
*extreme impact absorption equals 10,000 Joules
high impact absorption equals 2,500 Joules
moderate impact absorption equals 400 Joules

PRODUCT OVERVIEW

fixed size

GOLF



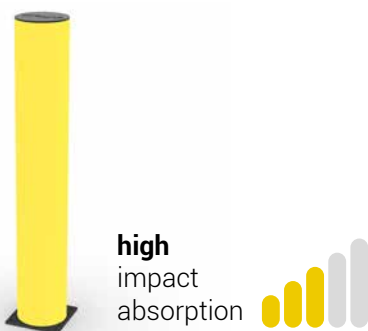
FOXTROT



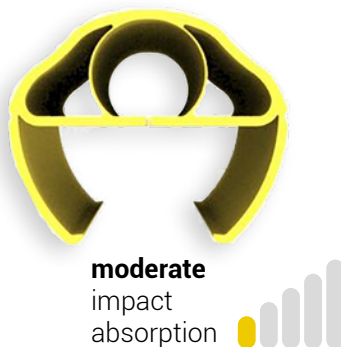
KILO



BRAVO



ALFA



MIKE



NOVEMBER



*Impact angle 90°
*extreme impact absorption equals 10,000 Joules
high impact absorption equals 2,500 Joules
moderate impact absorption equals 400 Joules



Our services for your safety

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We support you with your project!