



d-flexx

Flexible barrier systems

ELITMAT

FOR A BETTER LIFE AT THE WORKPLACE



d-flex polymer safety barriers are engineered to effectively absorb collision impacts, and return to their original shape. With their impressive capacity to absorb impacts d-flex barriers minimize the transfer of energy to mounting structures and flooring. These properties induce less damage and reduce the need for costly repairs.

d-flex is:

- Suitable for indoor and outdoor use
- 100% recyclable
- Easily installed, with fixing materials furnished
- Customizable to fit every working environment
- Compliant with PAS13 standards and TÜV-certified

We have made it our business to make your workplace environment safer.

As your trusted advisor, we combine expertise and passion to protect your people and assets.

Together we create safety.

For more information or a customized consultation, please contact us.





ADVANCED PE SOLUTION BY d-flexx

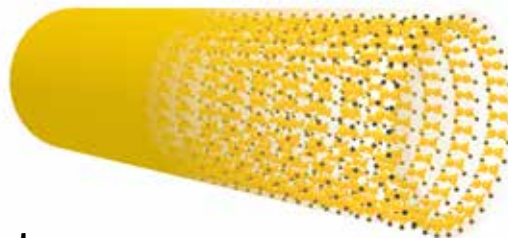


A flexible and durable solution

Our unique advanced polymer structure engineered by our Research and Development department, is exclusively found in the d-flexx product line. Its innovative design pushes the outstanding properties of polyethylene (PE) to their ultimate performance.

d-flexx offers the optimal balance between resistance and flexibility. During a collision, the barrier absorbs the energy, preventing damage to the colliding vehicle and the flooring. Moreover, PE has a native molecular memory that makes it reshape after an impact.

d-flexx materials are engineered to fully perform in every environment from indoor to outdoor settings, in both dry and humid conditions, and throughout temperatures from -40°C to 50°C . Polyethylene's chemical resistance and easy-to-clean surface makes it an ideal choice for hygienic environments.



Minimal design, maximal output

Our advanced PE solution captures our industrial philosophy, upholding the highest standards with efficient design and a streamlined manufacturing process. We thrive on combining excellence with a simple and cost-effective structure.

d-flexx offers outstanding durability and leverages polyethylene's excellent recycling properties, ensuring a sustainable lifecycle from production to disposal.

ONE FOR ALL

Indoor and outdoor use

Versatility is key with d-flex. Whether indoors or outdoors, our products deliver consistent safety and protection, adapting seamlessly to various environments.

Cold and warm stores

From cold stores to warm environments, d-flex safety barriers maintain their structure and performance regardless of extreme temperatures.

Wide temperature range

With a temperature range spanning from -40°C to $+50^{\circ}\text{C}$, d-flex solutions persist in harsh environments, providing reliable safety measures regardless of the weather conditions.

UV-stability

Our products are engineered with UV-stable materials, ensuring longevity and reliability even in outdoor environments exposed to sunlight.



SUPERIOR IMPACT ABSORPTION EXPLAINED

As standard, d-flex foot plates are equipped with concrete screws, also referred to as concrete anchors or screw anchors. These specialized fasteners are meticulously designed for secure installation into concrete surfaces. Featuring a threaded design, they effectively cut into the drill hole within the concrete, providing robust anchoring for d-flex products.



All TÜV-tested d-flex products undergo rigorous testing with concrete screws to ensure optimal performance and reliability. Furthermore, concrete screws offer the added advantage of facilitating the repeated disassembly and reassembly of posts, particularly useful in cases of barrier damage.



Deflection Zone

Since the barrier absorbs an impact, there is a need for a deflection zone. This is set at 250 mm away from any object.

SOLUTIONS FOR WAREHOUSES



01 RACK GUARD ALFA

The rack guard ALFA is an innovative protection for shelves. The rack guard is clicked directly onto the shelf, this way the floor remains preserved in case of collisions.

TÜV-tested according to:
DIN EN 15512:2010-09 - (chapter 6.4.1)
DIN EN 15635:2009-08 - (chapter 9.5.1 with 400 joules)

**Details see page 12*



02 BOLLARD BRAVO

With their robustness and high visibility, these bollards are ideal for parking areas, entrances and pedestrian zones.

The Bravo bollard features a 200 mm diameter and comes in heights of 500 mm, 750 mm, or 1200 mm. Mounting materials are included.

**Details see page 12*



03 UNDERRIDE GUARD MIKE

The flexible d-flexx kerb barrier MIKE is ideal for protecting walls and assembly lines from collisions in low ground areas. It can be combined with most d-flexx products, including CHARLIE, DELTA, ECHO, FOXTROT, GOLF, HOTEL, KILO, and LIMA. The barrier height is 140 mm.

**Details see page 12*



04 HEIGHT RESTRICTION PAPA

The flexible d-flexx height restriction PAPA is perfect for marking low-clearance areas like driveways and gates. Its robust construction ensures long-term use and reduced maintenance costs. Eye-catching coloring enhances visibility. The pre-assembled product is easy to mount with the included suspension device and fixing material.

**Details see page 12*



05 SAFETY BARRIER DELTA 3

The flexible d-flexx safety barrier DELTA is an innovative and cost-efficient solution for separating pedestrian areas from vehicle routes. Its modular system allows for customized configurations. Mounting material is included, and all DELTA railings are compatible with the swing door JULIET and slide gate OSCAR.

**Details see page 13*



06 SAFETY BARRIER DELTA 4

The flexible d-flexx safety barrier DELTA is an innovative and cost-efficient solution for separating pedestrian areas from vehicle routes. Available in four beams at heights of 1200 mm offering enhanced protection. Mounting material is included. Compatible with the swing door JULIET and slide gate OSCAR.

**Details see page 13*



07 RACK END PROTECTION GOLF

The flexible rack-end barrier GOLF protects rack ends both indoors and outdoors by absorbing impact energy, minimizing maintenance costs and time. Its movable cuffs on the posts deflect impact energy, and the double rail version is ideal for heavy pallet trucks.

Available as single rail and double rail barrier.

**Details see page 14*

SOLUTIONS FOR HEAVY TRAFFIC



08 TRAFFIC BARRIER CHARLIE

Traffic Barrier CHARLIE offers optimal protection for employees, machines, and inventory easily separating traffic routes from work areas or pedestrian paths. It features easy and fast assembly and includes all necessary fixing materials. Bollards can be added at the ends for extra protection. The heavy pipe is suited for zones with intensive traffic and can withstand more energy.

**Details see page 14*



09 TRAFFIC BARRIER HOTEL

The flexible Traffic Barrier HOTEL provides optimal protection for employees, machines and inventory with its double pipes and higher posts. It allows quick and easy separation of traffic routes from work areas or pedestrian paths, thanks to its fast assembly. HOTEL provides additional protection with its double pipe.

**Details see page 14*



10 TRAFFIC BARRIER ECHO

Traffic barrier ECHO is a combination of the d-flex modules CHARLIE and DELTA.

The additional heavy-duty pipe in the lower part of the ECHO plus traffic barrier can also be used to provide additional protection for pedestrian areas. The heavy-duty tube is suitable for high-traffic zones and can absorb more energy.

**Details see page 14*



11 TRAFFIC BARRIER LIMA

The flexible traffic barrier LIMA provides an optimal protection for employees, machines and inventory. LIMA is a combination of the d-flex modules DELTA and HOTEL.

Due to the heavy double pipes in the lower part and the safety barrier above these pipes LIMA is the perfect protection for both, pedestrians and machinery. LIMA provides additional protection with its double pipe.

**Details see page 15*

SOLUTIONS FOR PASSAGEWAYS



12 SWING GATE JULIET

The JULIET swing gate can be installed free-standing or as part of the modular DELTA and ECHO systems.

Made of polyethylene, it opens up to 180° with hydraulic hinges and offers a low-maintenance upgrade for safety barriers. The gate features stickers for easy passage identification and self-closing mechanisms in the 800-1200 mm variants for added user comfort.

**Details see page 15*





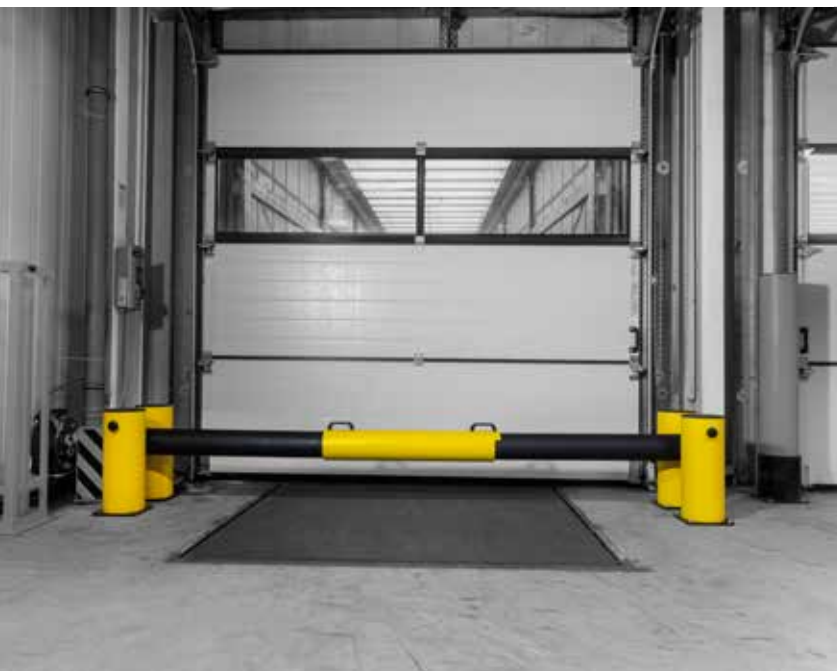
13 SLIDE GATE OSCAR

The OSCAR slide gate is the ideal solution for areas in which a swing gate cannot be used.

OSCAR is made of polyethylene and can be combined with our modular systems ECHO and DELTA (3 and 4 beams with a height of 1200 mm).

OSCAR can also be installed free-standing. The handles make OSCAR very easy to operate and ensure safe access to crossing points.

**Details see page 15*



14 DOCK GATE NOVEMBER

Dock gate NOVEMBER provides safety in loading zones.

This gate is designed for easy handling, allowing a single person to open and close it effortlessly. The built-in retaining spring prevents lowering or abrupt dropping of the tube which ensures a safe use.

**Details see page 16*

SOLUTIONS FOR MACHINE PROTECTION



15 MACHINE PROTECTION FOXTROT

The flexible d-flexx machine protection fences 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 mounting activities.

The outer sides are provided with an additional handrail seal to extend the protection area.

**Details see page 16*



16 MACHINE PROTECTION KILO

The flexible d-flexx machine protection fence KILO is a fast and easy way to separate work areas and routes.

This product is delivered pre-assembled and can be installed without further mounting. The outer sides are equipped with additional handrails to further extend the protection area.

**Details see page 16*



17 ROMEO

Introducing: ROMEO: the next-gen parking assistance by d-flexx.

Our new truck wheel guide ROMEO redesigns vehicle guidance for freight and logistics professionals. ROMEO leverages the outstanding properties of polyethylene to provide flexibility and resistance.

The ultimate alternative for steel truck guides:

Flexible polymer structure which preserves your concrete flooring and vehicle in case of friction.

High durability and excellent recycling properties.

Two sizes to meet your specific needs.

ROMEEO is shipped in several blocks, which minimises shipping costs and allows **easy mounting**





19 SLIDER PLATES

Our d-flex slider plates enables fast and simple mounting and disassembling of our d-flex posts.

3 different versions are available to allow all products to be moved easily and simply.

**Details see page 19*

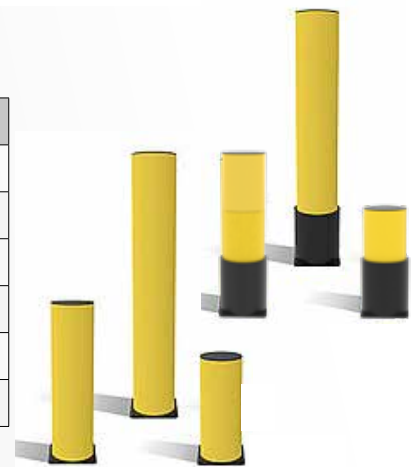
01 RACK GUARD ALFA

Art. No.	Description	Height	Length	Width
DFRG-1-0-400	Rack guard 75-99 mm	400 mm	108 mm	124 mm
DFRG-1-0-600	Rack guard 75-99 mm	600 mm	108 mm	124 mm
DFRG-2-0-400	Rack guard 100-125 mm	400 mm	130 mm	150 mm
DFRG-2-0-600	Rack guard 100-125 mm	600 mm	130 mm	150 mm
DFRG-TOOL	Set of 2 d-flexx Alfa assembly tools	337 mm	45 mm	80 mm



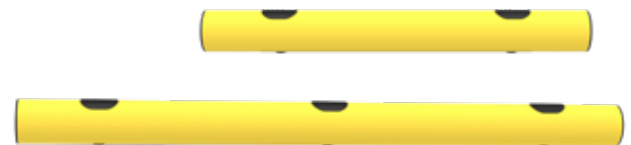
02 BOLLARD BRAVO

Art. No.	Description	Height	Ø post	Foot plate
DFB050-10	Bollard	1200 mm	200 mm	225 X 225 mm
DFB050-20	Bollard	750 mm	200 mm	225 X 225 mm
DFB050-40	Bollard	500 mm	200 mm	225 X 225 mm
DFB050-30	Bollard with rotatable cuff	1200 mm	200 mm	225 X 225 mm
DFB050-50	Bollard with rotatable cuff	500 mm	200 mm	225 X 225 mm
DFB050-60	Bollard with rotatable cuff	750 mm	200 mm	225 X 225 mm



03 UNDERRIDE GUARD MIKE

Art. No.	Ø MIKE	Width
DFKB-1	140 mm	1300 mm
DFKB-2	140 mm	2000 mm
DFKB-3	140 mm	1500 mm
DFKB-4	140 mm	1000 mm
DFKB-5	140 mm	500 mm
DFKB-I	140 mm	400 - 1499 mm
DFKB-I2	140 mm	1500 - 1999 mm



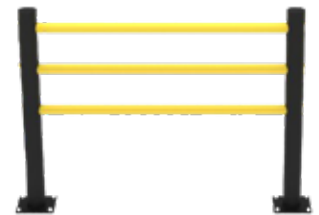
04 HEIGHT RESTRICTION PAPA

Art. No.	Length wire	Ø PAPA	Width
DFPA-W1000	2000 mm	140 mm	1000 mm
DFPA-W1500	2000 mm	140 mm	1500 mm
DFPA-W2000	2000 mm	140 mm	2000 mm



05 SAFETY BARRIER DELTA 3

Art. No.	Description	Height	Length	Width
DFFS-M-E	End post	1200 mm	150 mm	150 mm
DFFS-M-M	Middle post	1200 mm	150 mm	150 mm
DFFS-M-W90	90° corner post	1200 mm	150 mm	150 mm
DFFS-M-W22.5	Corner post 22,5°	1200 mm	150 mm	150 mm
DFFS-M-W45	Corner post 45°	1200 mm	150 mm	150 mm
DFFS-M-W67.5	Corner post 67,5°	1200 mm	150 mm	150 mm
DFFS-M-W292.5	Corner post 292,5°	1200 mm	150 mm	150 mm
DFFS-M-W315	Corner post 315°	1200 mm	150 mm	150 mm
DFFS-M-W337.5	Corner post 337,5°	1200 mm	150 mm	150 mm
DFFS-M-T	T-post	1200 mm	150 mm	150 mm
DFFS-M-K	Cross post	1200 mm	150 mm	150 mm
DFFS-H1	Beam set: 3 beams, 1.510 mm			1510 mm
DFFS-HI	Beam set: 3 beams, customized length 350-1.509 mm			350 - 1509 mm
DFFS-B110	Bollard black	1200 mm	150 mm	150 mm
DFFS-B110Y	Bollard yellow	1200 mm	150 mm	150 mm



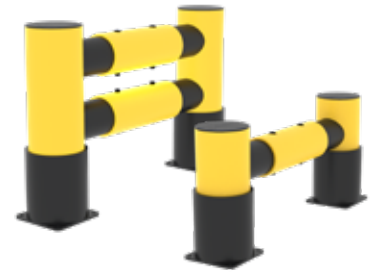
06 SAFETY BARRIER DELTA 4

Art. No.	Description	Height	Length	Width
DFFS-M-4E	End post	1200 mm	150 mm	150 mm
DFFS-M-4M	Middle post	1200 mm	150 mm	150 mm
DFFS-M-4W90	90° corner post	1200 mm	150 mm	150 mm
DFFS-M-4T	T-post	1200 mm	150 mm	150 mm
DFFS-M-4K	Cross post	1200 mm	150 mm	150 mm
DFFS-M-4H1	Beam set: 4 beams, 1.510 mm			1510 mm
DFFS-M-4HI	Beam set: 4 beams, customized length 350-1.510 mm			350 - 1509 mm
DFFS-M-4W22.5	Corner post 22,5°	1200 mm	150 mm	150 mm
DFFS-M-4W45	Corner post 45°	1200 mm	150 mm	150 mm
DFFS-M-4W67.5	Corner post 67,5°	1200 mm	150 mm	150 mm
DFFS-M-4W292.5	Corner post 292,5°	1200 mm	150 mm	150 mm
DFFS-M-4W315	Corner post 315°	1200 mm	150 mm	150 mm
DFFS-M-4W337.5	Corner post 337,5°	1200 mm	150 mm	150 mm



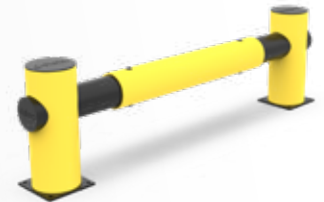
07 RACK END PROTECTION GOLF

Art. No.	Description	Height	Length	Width
DFRE1-2	Single rail	500 mm	225 mm	1137 mm
DFRE1-4	Single rail	500 mm	225 mm	2538 mm
DFRE2-2	Double rail	700 mm	225 mm	1137 mm
DFRE2-4	Double rail	700 mm	225 mm	2538 mm



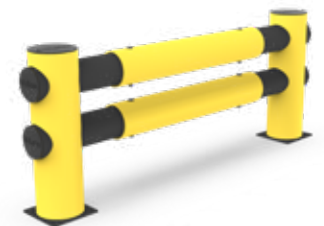
08 TRAFFIC BARRIER CHARLIE

Art. No.	Description	Height	Length	Width
DFVB-E	End post	500 mm	225 mm	620 mm
DFVB-M	Middle post	500 mm	225 mm	1000 mm
DFVB-R	Pipe	158 mm		930 mm
DFVB-I	Pipe	158 mm		400 - 930 mm



09 TRAFFIC BARRIER HOTEL

Art. No.	Description	Height	Length	Width
DFVBD-E	End post	705 mm	225 mm	620 mm
DFVBD-M	Middle post	705 mm	225 mm	1000 mm
DFVBD-R	2 Pipes			930 mm
DFVBD-I	2 Pipes			400 - 930 mm



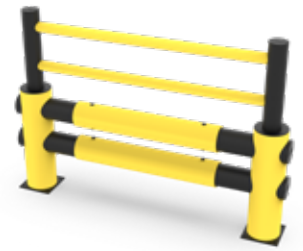
10 TRAFFIC BARRIER ECHO

Art. No.	Description	Height	Length	Width
DFVB+E	End post	1200 mm	225 mm	619 mm
DFVB+M	Middle post	1200 mm	225 mm	1000 mm
DFVB+M+W90L	Echo on Delta corner post 90° left	1200 mm	225 mm	619 mm
DFVB+M+W90R	Echo on Delta corner post 90° right	1200 mm	225 mm	619 mm
DFVB+H1	Beam set: 3 beams			1510 mm
DFVB+HI	Beam set: 3 beams			980 - 1510 mm



11 TRAFFIC BARRIER LIMA

Art. No.	Description	Height	Length	Width
DFDH-M-E	End post	1200 mm	225 mm	619 mm
DFDH-M-M	Middle post	1200 mm	225 mm	1000 mm
DFDH-M-H1	Beam set: 2 beams			1510 mm
DFDH-M-HI	Beam set: 2 beams			980 - 1510 mm



12 SWING GATE JULIET

Art. No.	Description	Height	Length	Width
DFJU+TM	Echo middle post	1200 mm	225 mm	619 mm
DFJU+TT	Echo T-post	1200 mm	225 mm	1000 mm
DFJU+TW90L	Echo corner post 90°	1200 mm	225 mm	619 mm
DFJU+TW90R	Echo corner post 90°	1200 mm	225 mm	619 mm
DFJU+TE	Echo end post	1200 mm	225 mm	225 mm
DFJU-DA800-A	Juliet swing gate	662 mm	110 mm	863 mm
DFJU-DA1000-A	Juliet swing gate	662 mm	110 mm	1063 mm
DFJU-DA1200-A	Juliet swing gate	662 mm	110 mm	1263 mm
DFJU-DA1500-A	Juliet swing gate with wheel	1191 mm	110 mm	1563 mm
DFJU-DA1750-A	Juliet swing gate with wheel	1191 mm	110 mm	1813 mm
DFJU-DA2000-A	Juliet swing gate with wheel	1191 mm	110 mm	2063 mm
DFJU-HI-A	Juliet door hinge set			
DFJU-TM	Delta middle post	1200 mm	150 mm	150 mm
DFJU-TT	Delta T-post	1200 mm	150 mm	150 mm
DFJU-TW90L	Delta corner post 90°	1200 mm	150 mm	150 mm
DFJU-TW90R	Delta corner post 90°	1200 mm	150 mm	150 mm
DFJU-TE	Delta end post	1200 mm	150 mm	150 mm



13 SLIDE GATE OSCAR

Art. No.	Description	Height	Length	Width
DFOS-DFFS-1000	Delta 3 Sliding gate	1200 mm	184 mm	2508 mm
DFOS-DFFS-1200	Delta 3 sliding gate	1200 mm	184 mm	2933 mm
DFOS-DFFS-1500	Delta 3 sliding gate	1200 mm	184 mm	3533 mm
DFOS-4DFFS-1000	Delta 4 sliding gate	1200 mm	184 mm	2533 mm
DFOS-4DFFS-1200	Delta 4 sliding gate	1200 mm	184 mm	2933 mm
DFOS-4DFFS-1500	Delta 4 sliding gate	1200 mm	184 mm	3533 mm
DFOS+DFVB+1000	Echo sliding gate	1200 mm	225 mm	2425 mm
DFOS+DFVB+1200	Echo sliding gate	1200 mm	225 mm	3169 mm
DFOS+DFVB+1500	Echo sliding gate	1200 mm	225 mm	3509 mm



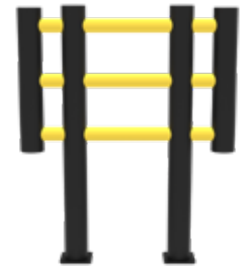
14 DOCK GATE NOVEMBER

Art. No.	Height	Length	Inside length	Width
DFNO-W2300	500 mm	585 mm	2300 mm	2777 mm
DFNO-2600	500 mm	585 mm	2600 mm	3077 mm
DFNO-WI	500 mm	585 mm		2777 - 3777 mm



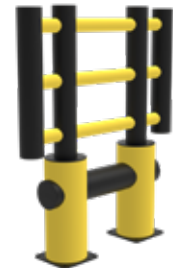
15 MACHINE PROTECTION FOXTROT

Art. No.	Description	Height	Length	Width
DFFS-FU1	Fence	1200 mm	150 mm	1000 mm
DFFS-FU2	Fence	1200 mm	150 mm	1500 mm
DFFS-FU3	Fence	1200 mm	150 mm	2000 mm



16 MACHINE PROTECTION KILO

Art. No.	Description	Height	Length	Width
DFKI+FU1	Fence	1200 mm	225 mm	1000 mm
DFKI+FU2	Fence	1200 mm	225 mm	1500 mm
DFKI+FU3	Fence	1200 mm	225 mm	2000 mm



17 ROMEO

Art. No.	Description	Height	Length	Base plate
DFRO-L2000	Truck guide	315 mm	2000 mm	225 mm
DFRO-L3000	Truck guide	315 mm	3000 mm	225 mm

18 SLIDER PLATES

Art. No.	Description	Height	Length	Width
DFFS-SP-2	for 110 mm posts	18 mm	165 mm	255 mm
DFVB-SP-2	for 200 mm posts	25 mm	330 mm	240 mm

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Our references:

SKODA Continental LEONI



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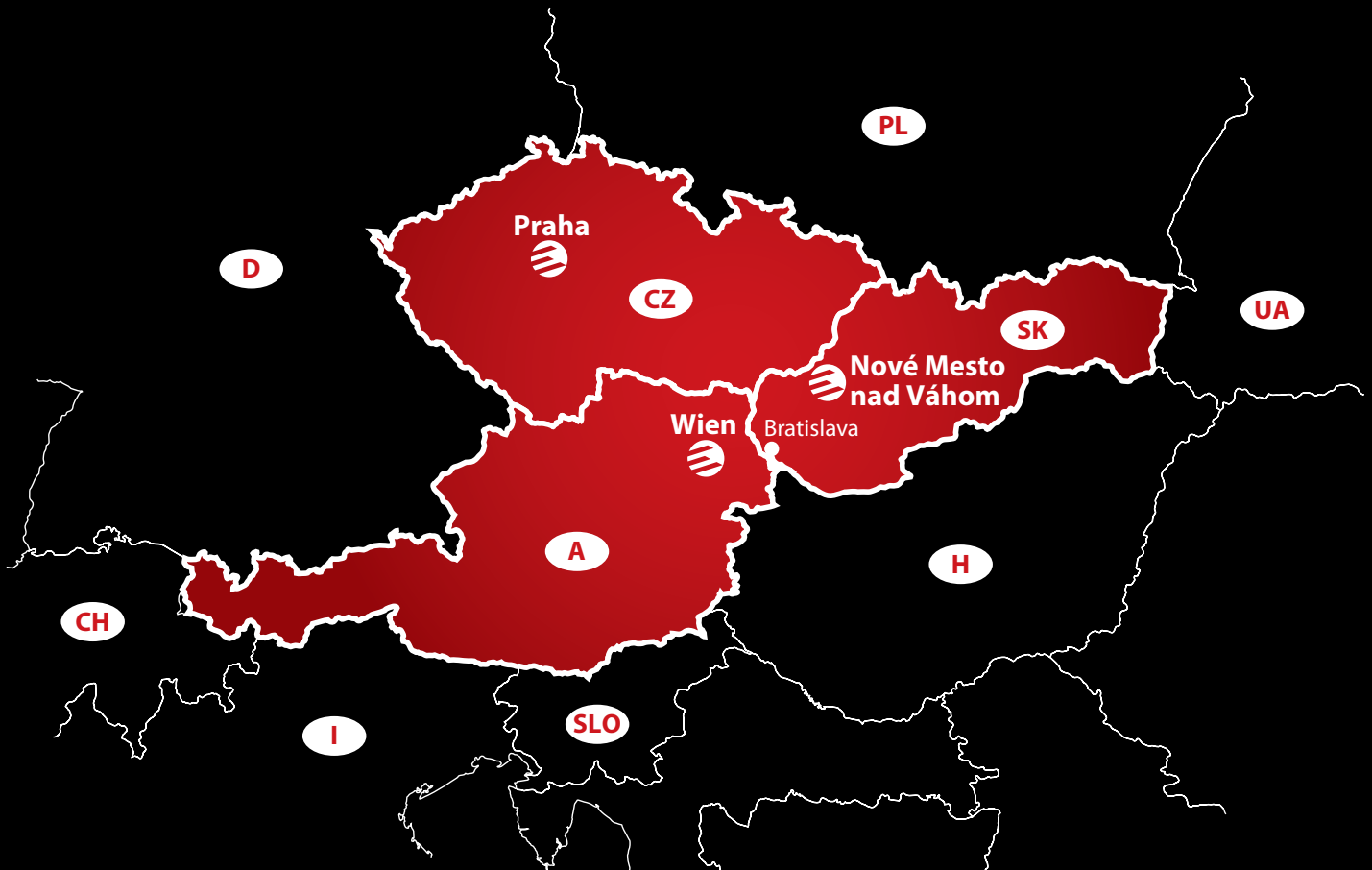
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