

TOP PERFORMANCE COUNTS ...



The standards are rising – this applies in sport as well as in safety. We offer you flexible barrier and fencing systems for every application area: Practical solutions for securing construction projects, animal enclosures, industrial sites, large-scale events in the music and sports industries, trade fairs and exhibitions - from advice and logistics right through to installation.

OUR PRODUCT RANGE:

- **Mobile fencing from metal and wood**
- **Temporary high security fencing**
- **Fixed fencing systems**
- **Barriers**
- **Mobile fire protection walls**
- **Entry gates and turnstiles**
- **Traffic systems**

rentES
mobile sicherheitstechnik

EURO 2012 - POLAND AND UKRAINE STADIUM GDANSK AND IBC WARSAWA



UEFA EURO 2012 4 venues in Poland, all training grounds and IBC in Warsaw

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Additionally secured with fencing supports
- With white privacy sheeting
- Protection against vandalism and break-ins



Mobile turnstile system

- turnstiles from RAGG-ZACK insert elements
- Mounted in base plates
- Can be bolted together for movement resistance
- Various access widths available:
Double turnstile: 2 x 0.7 m
Wheelchair turnstile: 1.4 m



Stadium in Gdansk

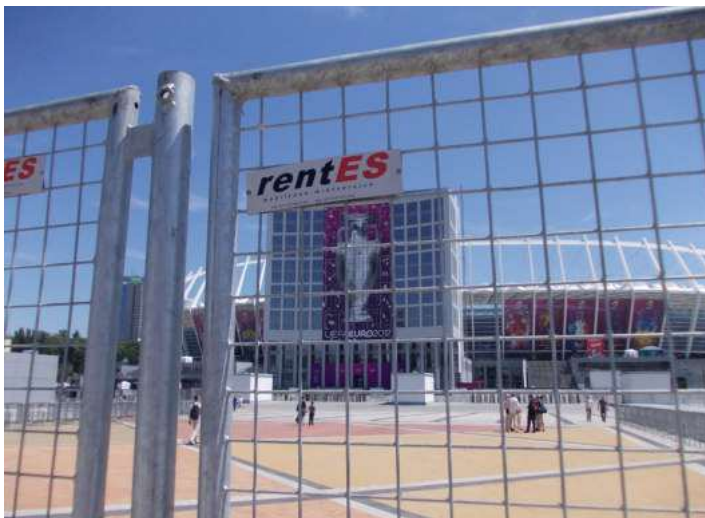
- 3.0 m high and 2.2 m wide
- Grid spacing 50 x 50 x 3 mm
- Mounted in concrete blocks for resistance to movement
- Various dimensions available

EURO 2012 - POLAND AND UKRAINE STADIUM KIEV



UEFA EURO 2012 4 venues in Ukraine

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Additionally secured with fencing supports
- With white privacy sheeting
- Protection against vandalism and break-ins



Final Stadium in Kiev

- 3.0 m high and 2.2 m wide
- Grid spacing 50 x 50 x 3 mm
- Mounted in concrete blocks for resistance to movement
- Various dimensions available



EURO 2008 - VIENNA FANZONE



Parliament of the Republic of Austria

- Fully circumferential safety ring from RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Mounted in concrete block base elements, every element secured with
 - Concrete block base (8 blocks) 300 kg
 - Fence supports 2.0 m
 - Additional ballast



Gate system

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- 2 gate wings, width of each 3.0 m, with wheel and bar, emergency access gate!



Mobile turnstile system

- From RAGG-ZACK insert elements 1.5 m - 3.5 m x 1.2 m
- Mounted in base plates
- Can be bolted together for movement resistance
- Various access widths available:
 - Double turnstile: 2 x 0.7 m
 - Wheelchair turnstile: 1.4 m

EURO 2008 - VIENNA FANZONE



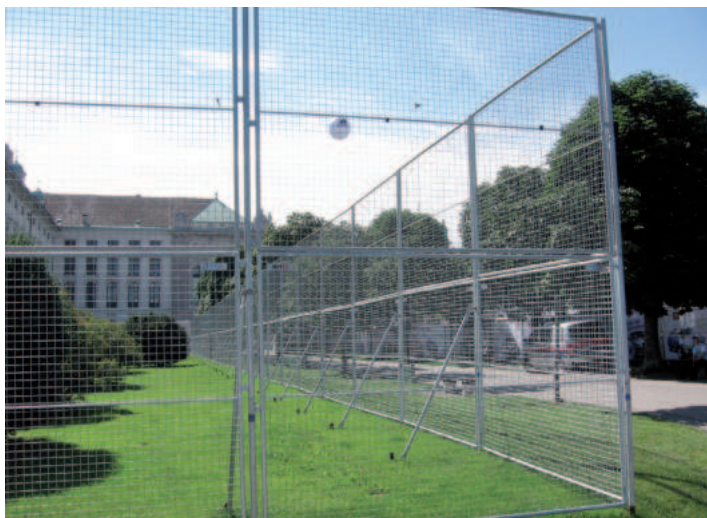
Stage security

- From RAGG-ZACK solid fencing elements 3.5 m x 1.2 m
- Grid spacing 550 x 090 mm
- With concrete block supports for 8 blocks as safeguard against high human pressure
- No risk of tripping in the spectator area



Burgtheater – Protective fence

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- With green privacy sheeting
- Additionally secured with fencing supports



Hofburg

Residence of the Austrian President

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Extended to a height of 4.00 m
- Mounted flush to the ground in sleeves
- Additionally secured with fencing supports

EURO 2008 - VIENNA FANZONE



UEFA EURO 2008 Vienna Exhibition Centre

- IBC area, SAT-Farm (television transmission)
- 700 linear metres from RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- With privacy sheeting



Hofburg Residence of the Austrian President

- Protection of historic building, railing system, trees and statues
- Total of 350 linear metres from RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm



Museum of art history and natural history

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Additionally secured with fencing supports
- With white privacy sheeting
- Protection against vandalism and break-ins, 1,400 linear metres of security fence around the building

EURO 2008 - VIENNA ERNST-HAPPEL-STADION, SECURITY RING



Gate system – double wing

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- 2 gates, each with a width of 3.0 m
- 2 doors, each with a width of 1.0 m
- 2 gates in direct succession as entrance and exit, each with a gate width of 4.0 m, comprising:
 - 2 gate wings, each with a width of 3.0 m
 - 2 gate wings, each with a width of 1.0 m



External security ring

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Mounted in concrete block supports



Mobile turnstile system

- 230 turnstiles from RAGG-ZACK insert elements
- Mounted in base plates
- Can be bolted together for movement resistance
- Various access widths available:
 - Double turnstile: 2 x 0.7 m
 - Wheelchair turnstile: 1.4 m

EURO 2008 - SALZBURG RED BULL STADIUM, SECURITY RING



Stand expansion

- Securing the stair towers for temporary expansion of the stand
- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Mounted in ground sleeves for resistance to movement



External security ring

- 2,300 linear metres from RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Increased degree of stability due to fencing supports



Mobile turnstile system

- 140 turnstiles from RAGG-ZACK insert elements
- Mounted in base plates
- Can be bolted together for movement resistance
- Various access widths available:
Double turnstile: 2 x 0.7 m
Wheelchair turnstile: 1.4 m

EURO 2008 - INNSBRUCK TIVOLI STADION, SECURITY RING



External security ring

- 1,200 linear metres from RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Mounted in ground sleeves



Sector partitioning / TV compound

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Mounted in concrete block supports
- Increased stand safety due to fence supports



Mobile turnstile system

- 148 turnstiles from RAGG-ZACK insert elements
- Mounted in base plates
- Can be bolted together for movement resistance
- Various access widths available:
Double turnstile: 2 x 0.7 m
Wheelchair turnstile: 1.4 m

EURO 2008 - KLAGENFURT WÖRTHERRSEE STADIUM, SECURITY RING



Sector partitioning

- From RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Mounted in ground sleeves for resistance to movement
- With 6.0 m wide emergency exit



External security ring

- 1,900 linear metres from RAGG-ZACK solid fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Increased degree of stability due to fencing supports



Mobile turnstile system

- 140 turnstiles from RAGG-ZACK insert elements
- Mounted in base plates
- Can be bolted together for movement resistance
- Various access widths available:
Double turnstile: 2 x 0.7 m
Wheelchair turnstile: 1.4 m

TURNSTILES - WORLD CUP 2006 ALLIANZ ARENA, MUNICH



Mobile turnstile system

- Comprising RAGG-ZACK insert elements
- Mounted in base plates
- Can be bolted together for movement resistance
- Stable without base plates
- Various access widths available:
2.5 x 1.2 m, access width 0.6 m
2.5 x 1.2 m, access width 1.2 m
- Various dimensions available:
1.5 m to 3.5 m long
Standard length: 2.5 m



Accessories (optional)

- Table, folding
- Shelf (wood/aluminium/rubber)
- Cordon



Various combination options

For example:

- 2 x double turnstile
access width 2 x 0.6 m and
1 x wheelchair turnstile
access width 1 x 1.2 m



RAGG-ZACK SOLID FENCE WITH SUPPORTS WORLD CUP 2006, KAISERSLAUTERN



Fencing system comprising RAGG-ZACK solid fencing elements

- Grid spacing 50 x 50 x 3 mm
- Variable, due to the modular principle combinable in height and width
- Mounted in concrete blocks for resistance to movement
- High degree of stability due to fencing supports



CYCLING WORLD CHAMPIONSHIPS 2009, MENDRISIO 37.000 M OF BARRIER ELEMENTS INSTALLED



RAGG-ZACK mobile fencing elements

- For safety along the cycle route
- Grid spacing 550 x 090 mm
- A range of dimensions available
3,5 m x 1,2 m
2,0 m x 1,2 m



RAGG-ZACK mobile fencing elements

- Easy to install
- Can be bolted together for movement resistance
- Assembled in base plate
- No stumbling hazard



RAGG-ZACK mobile fencing elements

- No stumbling hazard on the cycle route

CYCLING WORLD CHAMPIONSHIPS 2007, STUTTGART

35.000 M OF BARRIER ELEMENTS INSTALLED



RAGG-ZACK mobile fencing elements

- For safety along the cycle route
- Grid spacing 550 x 090 mm
- A range of dimensions available
 - 3,5 m x 1,2 m
 - 2,0 m x 1,2 m
- Easy to install
- Can be bolted together for movement resistance
- Assembled in base plate
- No stumbling hazard



Special elements for start and finish areas

- Camera-optimised angle
- Mounted on stands



RAGG-ZACK mobile fencing elements

- No stumbling hazard on the cycle route

SPORT GUIDANCE SYSTEM 1.2 M HIGH



RAGG-ZACK mobile fencing elements

- For safety along the race route
- Mounted in base plates
- Grid spacing 550 x 090 mm
- A range of dimensions available
 - 3,5 m x 1,2 m
 - 2,0 m x 1,2 m
- Easy to install
- Can be bolted together for movement resistance



Special elements for start and finish areas

- Camera-optimised angle
- Rounded corners
- Grid spacing 550 x 090 mm
- Assembled in base plate
- No stumbling hazard



RAGG-ZACK mobile fencing elements

- Rounded corners
- Grid spacing 550 x 090 mm
- A range of dimensions available
 - 3,5 m x 1,2 m
 - 2,0 m x 1,2 m
- Mounted on stands

SPORT GUIDANCE SYSTEM 1.2 M HIGH



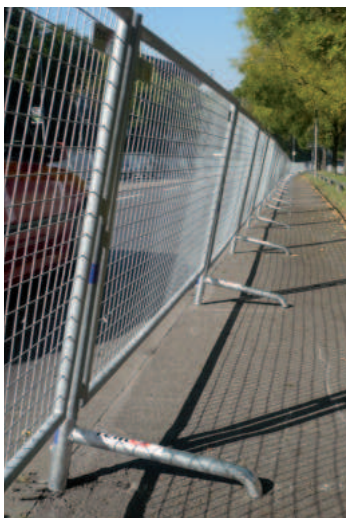
RAGG-ZACK solid fencing elements

- For safety along the race route
- Grid spacing 50 x 50 x 3 mm
- A range of dimensions available e.g. 2.5 m x 1.2 m
- Easy to install
- Can be bolted together for movement resistance
- Assembled in base plate
- No stumbling hazard



Special elements for start and finish areas

- Camera-optimised angle
- Mounted on stands



RAGG-ZACK solid fencing elements

- Mounted on stands or in base plates

SPORT GUIDANCE SYSTEM 1.2 M HIGH



UNImobil mobile fencing elements

- For safety along the race route
- With hook and eye system
- Can be bolted together
- Mounted in base plates



- Flexible Handling
- Rapid opening of traffic exit points etc.



Special elements for start and finish areas

- Camera-optimised angle
- Mounted in base plates

BARRIER SYSTEMS – EVENTS



RAGG-ZACK mobile fencing elements with supports and visibility protection panels

- Visibility protection panels available in a range of colours and materials
- Elements can be bolted for resistance to movement and anchored in the ground with ground sleeves



Temporary high security fence from RAGG-ZACK mobile fencing elements

- Mobile temporary high security fence with integrated video surveillance
- Fence system comprising 2.0 m high RAGG-ZACK mobile fencing elements with barbed wire attachment or razor wire attachment as climb-over protection



Visitor guidance system

Mobile barrier units in a range of configurations:

- Police / security barriers
- Railing barriers / mobile barricades
- RAGG-ZACK mobile fencing elements in a range of dimensions
- Available in concrete blocks, recycling base or base plate

MOBILE WOODEN FENCE ELEMENTS



Closed wooden fencing system

- Comprising 2.2 m high mobile RAGG-ZACK wooden fencing elements
- Stable design: Metal frame with wooden filler
- The elements are variable, due to the modular principle combinable in height and width



- 3.2 m high RAGG-ZACK mobile fencing elements from wood combined with 3.2 m high RAGG-ZACK wooden fencing elements



- Lockable gate and door elements available

VISIBILITY PROTECTION



Fencing system comprising RAGG-ZACK mobile fencing elements

- Visibility protection panels available in various colours and materials



- High degree of stability due to fencing supports



Wooden fencing system comprising 2.0 m high mobile RAGG-ZACK wooden fencing elements

- Variable, due to the modular principle combinable in height and width
- Also available with metal fill

RAGG-ZACK-INTERCONNECTION SYSTEM ELEMENT HIGHT 3.0 M



RAGG-ZACK mobile fencing units

- 3.20 m high, 2.0 m wide
- Grid spacing 50 x 50 x 3 mm
- Combined with metal frame with wood filler



RAGG-ZACK mobile fencing units

- 3.20 m high, 1,0 m wide
- Grid spacing 50 x 50 x 3 mm



RAGG-ZACK mobile fencing units

- Can be raised to 3.0 m with access
- Grid spacing 50 x 50 x 3 mm
- Increased stability due to fencing supports

ADVERTISING TOWER— MOBILE OR STATIONARY



Advertising tower

- Comprising RAGG-ZACK mobile fencing elements
- Variable, combinable in height and width
- Range of base areas (triangle, square, hexagon, etc.)
- Mounted in sleeves or in concrete blocks



Construction site signs

- Can also be used as a flexible construction site sign
- Statics available on request



ADVERTISING TOWER— MOBILE OR STATIONARY



Advertising tower

- Comprising RAGG-ZACK mobile fencing elements
- Grid spacing 50 x 50 x 3 mm
- Variable, combinable in height and width
- Mounted in sleeves or in concrete blocks
- Can be used as a visitor guidance system
- Also available in round design

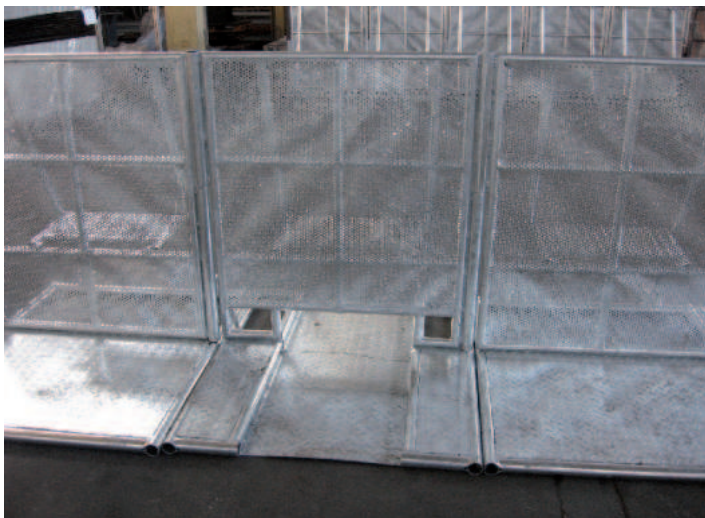


RAGG-ZACK-CRASH BARRIER



Crash barrier, steel or aluminium platform barricades

- Base element approx. 1.00 x 1.20 m
- Various designs
- Flexible vari-corners
- Quick and easy assembly
- Approx. 55 kg per steel element
- Approx. 38 kg per aluminium element



Crash barrier special parts

- Cable penetrations in various formats
- Vari-corners and other special elements available



Crash barriers as visitor access points

- Thoroughfare width approx. 1.50 m
- For VIP events with large crowds

- fast
- safe
- mobile

OPEN AIR ST. GALLEN



Fencing system comprising RAGG-ZACK mobile fencing elements

- 2.0 m high, 3.5 m wide
- Visibility protection panels available in various colours and materials
- High degree of stability due to fencing supports
- Also suitable for rough terrain



RED BULL AIR RACE, INTERLAKEN



Mobile fencing system

- From RAGG-ZACK mobile fencing elements
- Grid spacing 550 x 090 mm
- 2.0 m high, 3.5 m wide
- Mounted in concrete blocks for resistance to movement



Low level barriers

- From RAGG-ZACK mobile fencing elements
- Grid spacing 550 x 090 mm
- 1.2 m high, 3.5 m wide
- Mounted in concrete blocks for resistance to movement
- Can also be mounted in base plates



HOCKENHEIMRING – FORMEL I AND DTM



Shutting off the stands and securing the paddock and boxes

- Fencing system comprising 2.0 m high RAGG-ZACK mobile fencing elements with supports and visibility protection panels
- Visibility protection panels available in various colours and materials



Securing the racing cars inside the paddock

- RAGG-ZACK mobile fencing units used in a range of dimensions
- Lockable gate and door elements available



Visitor guidance systems from the car parks to the race track

Mobile barrier units in a range of configurations:

- Police / security barriers
- Railing barriers / mobile barricades
- RAGG-ZACK mobile fencing units

STAND SECURITY GOTTLIEB-DAIMLER-STADIUM, STUTT GART



Fencing system 3.0 metres high

- Comprising 2.0 and 1.0 metre high RAGG-ZACK mobile fencing elements with supports
- Grid spacing 50 x 50 x 3 mm
- Mounted in sleeves in the ground for resistance to movement



Flexible modular system

- Slot-in elements can be combined in a range of formats in height and width due to the modular principle
- Increased degree of stability due to fencing supports



Overcome gradients with RAGG-ZACK mobile fencing elements

PLAYING FIELD AND GRANDSTAND SECURITY



Fixed playing field fencing

- Comprising RAGG-ZACK mobile fencing elements
- Mounted in ground sleeves
- 4.0 m high
- Can be raised to 6.0 m



Grandstand partitioning

- Comprising RAGG-ZACK mobile fencing elements
- Grid spacing 50 x 50 x 3 mm



Ball catcher system

- Comprising 2.0 m and 1.0 m high RAGG-ZACK mobile fencing elements
- Increased degree of stability due to fencing supports
- Variable, due to the modular principle combinable in height and width
- Lockable gate and door elements available

WILD ANIMAL CAGE



Wild animal protection

- Fencing system comprising RAGG-ZACK mobile fencing elements 3.0 m x 2.2 m
- Grid spacing 50 x 50 x 3 mm
- Variable - due to the modular principle combinable in height and width
- Mounted in concrete blocks for resistance to movement
- Gate and door elements available
- For indoor and outdoor area



Safety turnstile system

- For the protection of the film crew and technical equipment



Safety during filming

- RAGG-ZACK mobile fencing elements 3.0 m x 2.2 m, can be raised to 4.0 m high
- Grid spacing 50 x 50 x 3 mm
- With white visibility protection net for the pivoting range of the camera crane

WAREHOUSE SECURITY



Security for storage and sales areas

- Fencing system comprising RAGG-ZACK mobile fencing elements
- Grid spacing 50 x 50 x 3 mm
- Variable, due to the modular principle combinable in height and width
- Mounted in concrete blocks for resistance to movement



Empties storage security

- Comprising RAGG-ZACK mobile fencing elements
- 3.0 m high with barbed wire attachment as climb-over protection
- 1.0 m wide door



Sales area security

- Mounted in base plates for resistance to movement
- Lockable gate and door elements available

PORSCHE ARENA, STUTTGART



Fencing system comprising RAGG-ZACK solid fencing elements

- 3.0 m high and 2.2 m wide
- Grid spacing 50 x 50 x 3 mm
- Mounted in concrete blocks for resistance to movement
- Various dimensions available



Flexible modular system

- Interconnecting elements can be connected with each other due to the modular system for variable heights and widths
- Increased stability possible through the use of fencing supports



MERCEDES-BENZ MUSEUM, STUTTGART



Mobile fencing system

- Comprising 2.0 m high RAGG-ZACK mobile fencing elements
- Mounted in concrete blocks
- 2.0 m high, 3.5 m wide
- Various dimensions available



Flexible modular system

- Interconnecting elements can be connected with each other due to the modular system for variable heights and widths
- Increased stability possible through the use of fencing supports



NEW EXHIBITION CENTER, STUTTGART STUTTGART AIRPORT, STUTTGART



RAGG-ZACK mobile fencing units

- 3.5 m wide, 2.0 m high
- Mounted in concrete blocks
- Various dimensions available



RAGG-ZACK mobile fencing elements

- 2.0 m wide, 2.2 m high
- Stable design:
Metal frame with wooden filler
- The elements are variable, due to the modular principle combinable in height and width