

Access controlled... Future secured.

# PORTFOLIO

OUTDOOR PRODUCTS



VEHICLE



# SHORT AND MEDIUM-LENGTH BARRIERS

## BL 10

- Manual rising barrier
- Max. free passage: 8 m



## BL 15

- Automatic rising barrier
- Opening time: 1.2 sec. min.
- Max. free passage: 4 m
- TCP/IP connectivity



## BL 229

- Universal high-performance rising barrier
- Opening time: 1 - 4 sec.
- Max. free passage: 6 m



# EXTRA-LONG BARRIERS



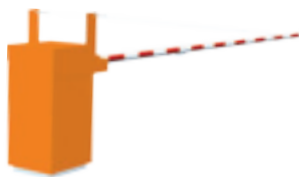
## BL 40

- Opening time: 3.5 sec.
- Max. free passage: 8 m



## BL 41

- Opening time: 3.5 sec.
- Max. free passage: 12 m



## BL 52

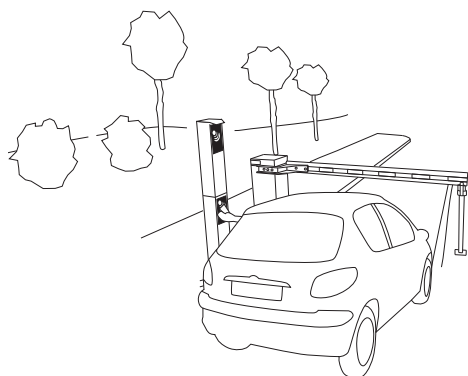
- Opening time: 8 - 12 sec.
- Max. free passage: 14 m



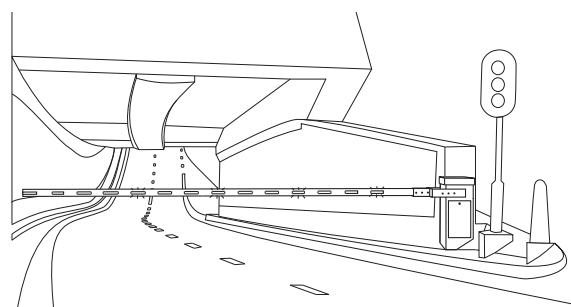
## BL 45A/45F

- Traffic management barrier
- Opening time: 3 - 8 sec.
- Max. free passage: 12 m (BL 45A) / 10 m (BL 45F)

## APPLICATION EXAMPLES



Entrance control



Traffic management

# SECURITY BARRIERS

## BL 43/44

- Fast security barrier
- Opening time: 2 sec. (BL 44)/ 3.5 sec. (BL 43)
- Max. free passage: 4 m (BL 44)/ 6 m (BL 43)



## BL 46

- Rising barrier with a folding fence
- Opening time: 3.5 sec.
- Max. free passage: 7 m



## BL 53

- Extra-long security barrier
- Opening time: 5 - 10 sec.
- Max. free passage: 8 m



## BL 47

- Rising barrier with a rigid fence
- Opening time: 5 sec.
- Max. free passage: 4.35 m
- Height from ground: 2 m



# RISING FENCED BARRIERS

## BLG 76

- Rising fenced barrier
- Opening time: 8 - 12 sec.
- Max. free passage: 5 m
- Height from ground: 1.9 m

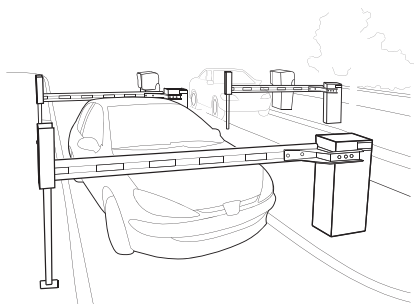


## BLG 77H / 77L / 77M

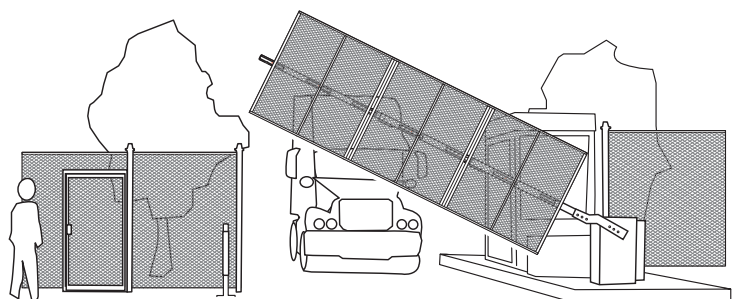
- Heavy duty rising fenced barrier
- Opening time: 7 - 10 sec.
- Max. free passage: 4.88 m (BLG 77H/77M)/ 6.15 m (BLG 77L)
- Height from ground: 2.24 m (BLG 77L/77M)/ 3.46 m (BLG 77H)



## APPLICATION EXAMPLES



Secured parking areas

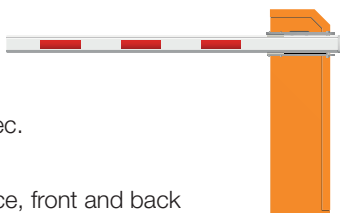


Site closure

# TOLL BARRIERS

## TollPlus 261

- Barrier for automatic toll lane applications
- Opening time: 0.6 - 2.5 sec.
- Max. free passage: 4 m
- Automatic re-hinging device, front and back
- Carbon fibre PROTECTA boom



## TollPlus 262

- Barrier for automatic toll lane applications
- Opening time: 0.6 - 2.5 sec.
- Max. free passage: 4 m
- Base with door
- Automatic re-hinging device, front and back
- Carbon fibre PROTECTA boom



## BL 12

- Barrier for non-automatic toll lane applications
- Opening time: 1.5 - 2.2 sec.
- Max. free passage: 4 m



# PARKING BARRIERS



## ParkPlus 100

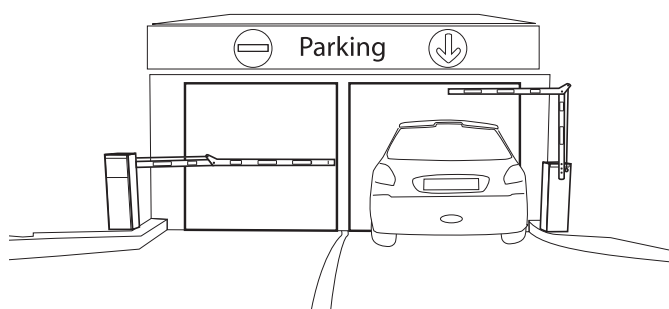
- Straight aluminium arm
- Opening time: 1.2 sec. min.
- Max. free passage: 4 m
- TCP/IP Connectivity
- Housing customisation



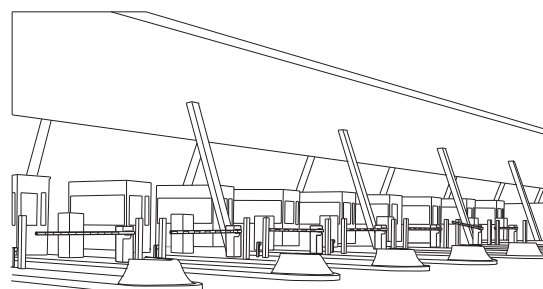
## ParkPlus 101

- Articulated aluminium arm
- Opening time: 1.2 sec. min.
- Max. free passage: 3.5 m
- TCP/IP Connectivity
- Housing customisation

## APPLICATION EXAMPLES



Parking



Toll

# RISING BOLLARDS

All Automatic Systems rising bollards have 275 mm diameter.

## URBAN RISING BOLLARDS

### RB 60

- Height: 600 mm
- Rising time: 4 sec.
- Emergency opening: 1 sec.



### RB 80

- Height: 800 mm
- Rising time: 5.3 sec.
- Emergency opening: 1 sec.



## SECURITY RISING BOLLARDS

### RB 70S

- Height: 700 mm
- Rising time: 7 sec.
- Emergency opening: 1 sec.



## HIGH SECURITY RISING BOLLARDS

### RB 90HS

- Height: 900 mm
- Rising time: 3.6 sec.
- Emergency opening: 1 sec.



### RB 120HS

- Height: 1200 mm
- Rising time: 4.8 sec.
- Emergency opening: 1 sec.
- Certification M50



# ROAD BLOCKERS

### RSB 76E

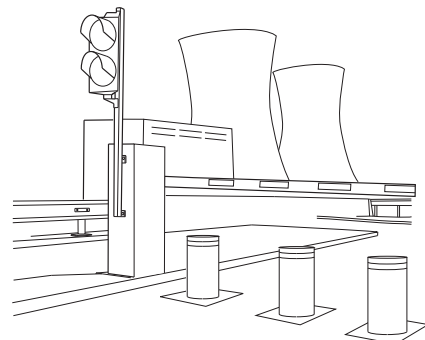
- High-security road blocker (M30 - electromechanical version)
- Rising time: 3 sec.
- Obstacle width: 3 - 3.5 - 4 m
- Height: 665 mm



### RSB 76H

- High-security road blocker (M30 - hydraulic version)
- Rising time: 3 sec.
- Obstacle width: 3 - 3.5 - 4 m
- Height: 665 mm

## APPLICATION EXAMPLES



Sensitive sites

# ACCESSORIES

## BOR 235 standard / tall models

- Housing for integration of accessories
- Car height or truck height
- Ideal with rising barriers or road blockers



## PST standard / tall models

- Post for integration of accessories
- Car height or truck height
- Ideal with rising barriers or road blockers



## COLBE

- Column for integration of accessories
- Ideal with rising bollards



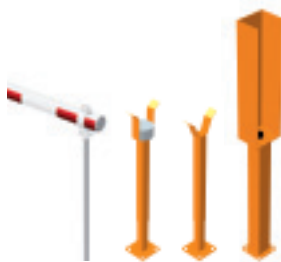
## Fences and skirts

- To reinforce the security level



## Tip supports

- To support barrier arms
- To reinforce the security level



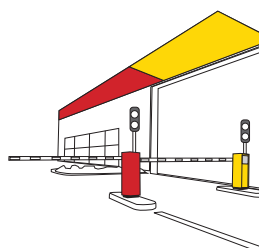
## Detection and command

- For safety and access control

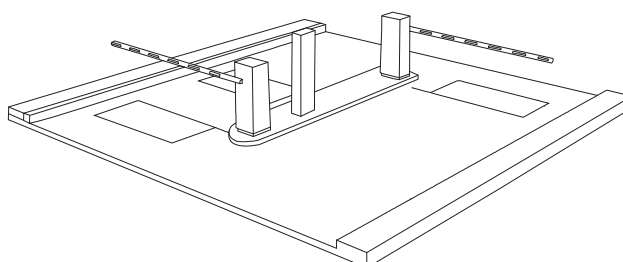


## Customisation

- To fit in perfectly within your site



## APPLICATION EXAMPLES



Automatic entrance and exit

# TRIPOD TURNSTILES

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## TR Series

The bidirectional TR tripod turnstiles are very robust products, well suited for sites with heavy use. They can function equally well indoors and outdoors.

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### TR 490

- Waist-height Tripod Turnstile
- Passage width : 500 mm



### TR 491

- Waist-height Tripod Turnstile with dropping arm
- Passage width : 500 mm



# FULL-HEIGHT TURNSTILES

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## TRS Series

Mainly used to lock down the perimeters of enclosed outdoor areas, our bidirectionnal full-height turnstiles ensure single-user throughput and are extremely weather-resistant.

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### TRS 370

- Full-height Turnstile
- Single passage
- 3 sections (120°)
- Passage width : 640 mm



### TRS 371


- Full-height Turnstile
- Single passage
- 4 sections (90°)
- Passage width : 560 mm



### TRS 372

- Full-height Turnstile
- Double passage
- 3 sections (120°)
- Passage width : 2 x 640 mm



	Maximum free passage OR Height of the obstacle	Passages / minute (1)	Opening or Closing time	Automatic lifting	Arm locking integrated	Arm type						
						Standard	Fiber glass	Reinforced	Articulated	Swing-off	Fiber carbon	Fenced
Toll												
BL 12	4 m	15	1.5 - 2.2 s		Standard	●				●		
TollPlus 261	4 m	50	0.6 - 2.5 s	Standard		●				●	●*	
TollPlus 262	4 m	50	0.6 - 2.5 s	Standard		●				●	●*	
Parking												
BL 229	6 m	25	1 - 4 s	Configuration	Standard	●			●*	●*	●*	●*
ParkPlus 100	4 m	25	1.2 - 3 s	Configuration		●				●*		
ParkPlus 101	3.5 m	25	1.2 - 3 s	Configuration		●			●	●*		
BL 43	6 m	8	3.5 - 8 s	Option	Option			●				
BL 44	4 m	15	2 - 3 s	Standard	Option			●				
RB 60	H = 600 mm	3	1 - 4 s									
RB 80	H = 800 mm	3	1 - 5.3 s									
TRS 370	FP = 640 mm	15										
TRS 371	FP = 560 mm	12										
TRS 372	FP = 2 x 640 mm	2 x 15										
Traffic management												
BL 40	8 m	8	3.5 - 8 s	Option	Option	●						●*
BL 41	12 m	8	3.5 - 8 s	Option	Option	●						
BL 43	6 m	8	3.5 - 8 s	Option	Option			●				
BL 45A	12 m		3 - 8 s		Option	●						
BL 45F	10 m		3 - 8 s		Option		●					
BL 52	14 m	3	8 - 12 s		Standard	●						●*
BL 53	8 m	4	5 - 10 s		Standard			●				
Perimeter access												
BL 10	8 m	1				●						
BL 15	4 m	25	1.2 - 3 s	Configuration		●				●*		
BL 229	6 m	25	1 - 4 s	Configuration	Standard	●			●*	●*	●*	●*
BL 40	8 m	8	3.5 - 8 s	Option	Option	●						●*
BL 41	12 m	8	3.5 - 8 s	Option	Option	●						
BL 43	6 m	8	3.5 - 8 s	Option	Option			●				
BL 44	4 m	15	2 - 3 s	Standard	Option			●				
BL 46	7 m	8	3.5 - 8 s	Option	Option	●						●
BL 47	4.35 m	5	5 - 8 s	Option	Option			●				●
BL 52	14 m	3	8 - 12 s		Standard	●						●*
BL 53	8 m	4	5 - 10 s		Standard			●				
BLG 76	5 m	3	8 - 12 s		Standard	●						●
BLG 77H/ 77M	4.88 m	4	7 - 10 s		Standard			●				●
BLG 77L	6.15 m	4	7 - 10 s		Standard			●				●
RB 60	H = 600 mm	3	1 - 4 s									
RB 80	H = 800 mm	3	1 - 5.3 s									
RB 70S	H = 700 mm	3	1 - 7 s									
RSB 76H	3 - 3.5 - 4 m	8	3 - 12 s									
RSB 76E	3 - 3.5 - 4 m	8	3 - 12 s									
TR 490	FP = 500 mm	20										
TR 491	FP = 500 mm	20										
TRS 370	FP = 640 mm	15										
TRS 371	FP = 560 mm	12										
TRS 372	FP = 2 x 640 mm	2 x 15										
Sensitive sites												
BL 43	6 m	8	3.5 - 8 s	Option	Option			●				
BL 44	4 m	15	2 - 3 s	Standard	Option			●				
BL 46	7 m	8	3.5 - 8 s	Option	Option	●						●
BL 47	4.35 m	5	5 - 8 s	Option	Option			●				●
BL 53	8 m	4	5 - 10 s		Standard			●				
BLG 76	5 m	3	8 - 12 s		Standard	●						●
BLG 77H/ 77M	4.88 m	4	7 - 10 s		Standard			●				●
BLG 77L	6.15 m	4	7 - 10 s		Standard			●				●
RB 60	H = 600 mm	3	1 - 4 s									
RB 80	H = 800 mm	3	1 - 5.3 s									
RB 70S	H = 700 mm	3	1 - 7 s									
RB 90HS	H = 900 mm	4	1 - 3.6 s									
RB 120HS	H = 1200 mm	3	1 - 4.8 s									
RSB 76H	3 - 3.5 - 4 m	8	3 - 12 s									
RSB 76E	3 - 3.5 - 4 m	8	3 - 12 s									
TRS 370	FP = 640 mm	15										
TRS 371	FP = 560 mm	12										
TRS 372	FP = 2 x 640 mm	2 x 15										
Legend: * Optional / (1) Including acces control for each vehicle												
Technical data are not contractural												

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