

Supplement to industrial price list 18-22.2

Valid from 01.02.2023

Perimeter protection systems

Barriers, barrier systems, bollards

Hörmann international sales companies and sales partners



Hörmann KG
Verkaufsgesellschaft
Upheider Weg 94-98
D-33803 Steinhagen
Telefon +49 5204 915-0
Telefax +49 5204 915-277
Internet www.hoermann.com

Hörmann international sales companies

International sales partners

Hörmann international sales companies

Hörmann Austria
A-5310 Mondsee
info@hoermann.at

Hörmann Baltic
LT-14247 Vilnius r.
info@hormann.lt

Hörmann Bel
BY-220125 Minsk
info@hormann.by

Hörmann Belgium
B-3700 Tongeren
info@hormann.be

Hörmann Bulgaria
BG-1522 Sofia
info.sof@hormann.bg

Hörmann Česká republika
CZ-252 68 Středokluky
info@hormann.cz

Hörmann China
CN-100176 Beijing
info@hoermann.cn

Hörmann Danmark
DK-8920 Randers
info@hoermann.dk

Hörmann Eesti
EST-76505 Saue
info.tl@hormann.ee

Hörmann España
E-08228 Terrassa
info.cat@hormann.es

Hörmann Finnland
FIN-02420 Jorvas
info@mesvac.fi

Hörmann France
F-89107 Sens
info@hormann.fr

Hörmann Hellas
GR-19400 Koropi
info@hormann.gr

Hörmann Hong Kong
HK-Quarry Bay
info@hormann.com.hk

Hörmann Hrvatska
HR-10000 Zagreb
info@hormann.hr

Hörmann Hungária
H-2310 Szigetszentmiklós
info@hormann.hu

Hörmann Indien
Shakti Hormann
IND-500015 Secunderabad,
Telangana
info@shaktihormann.com

Hörmann Indonesia
ID-12520 Jakarta
info@hormann.id

Hörmann Ireland
IRL – Y35 HH72 Wexford
info@hormann.ie

Hörmann Italia
I-38015 Lavis (Trento)
info@hormann.it

Hörmann Kazachstan
KZ-050019 Almaty
info@hormann.kz

Hörmann Malaysia
MAL-40150 Shah Alam,
Selangor
info@hormann.com.my

Hörmann Maroc
MA-28810 Mohammedia
info@hormann.ma

Hörmann Mexico
MEX-66350
Santa Catarina
info@hormann.com.mx

Hörmann Middle East & Africa
UAE-Dubai
info.dxb@hormann.com

Hörmann Myanmar
MM-Yangon
info@hormann.com.mm

Hörmann Nederland
NL-3771 MB Barneveld
info@hormann.nl

Hörmann Norge
N-4640 Søgne
info@hoermann.no

Hörmann Polska
PL-62-052 Komorniki
info@hormann.pl

Hörmann Portugal
P-2710-297 Sintra
info@hormann.pt

Hörmann Romania
RO-077040, Chiajna,
Județul Ilfov
info@hormann.ro

Hörmann Russia
RUS-196696
Sankt Petersburg
info@hoermann.ru

Hörmann Schweiz
CH-4702 Oensingen
info@hoermann.ch

Hörmann Serbia
SRB-11272
Beograd-Dobanovci
info@hormann.rs

Hörmann Slovenija
SI-3301 Petrovče
info@hormann.si

Hörmann Slovenská republika
SK-903 01 Senec
info.bts@hormann.com

Hörmann Svenska
S-70369 Örebro
info@hoermann.se

Hörmann Thailand
TH-Bangplee,
Samutprakarn 10540
info@hormann.co.th

Hörmann Türkiye
TR-34870 Kartal – İstanbul
info.ist@hormann.com.tr

Hörmann UK
GB-Leicestershire
LE67 4JW
info@hormann.co.uk

Hörmann Ukraine
UA-08300 Boryspil,
Kyivska Obl.
info@hormann.com.ua

Hörmann High Performance Doors
USA-Burgettstown,
PA 15021
info2@hormann.us

Hörmann LLC
USA-Montgomery,
IL 60538
info1@hormann.us

Hörmann Vietnam
VN-Hanoi
info.han@hormann.vn

International sales partners

Albania
Algeria
Argentina
Armenia
Australia
Azerbaijan

Bangladesh
Bolivia
Bosnia-Herzegovina
Brazil
Cambodia
Chile

Colombia
Cuba
Georgia
Iceland
Israel
Japan

Kosovo
Luxembourg
Malta
Moldova
Mongolia
Montenegro

New Zealand
North Macedonia
Peru
South Korea
Taiwan
The Philippines

Tunisia
Turkmenistan
Uruguay
Uzbekistan

For more information on our sales companies and sales partners, visit www.hoermann.com.

Our General terms and conditions of sale and delivery valid at the time of the order apply.
The current version of our General terms and conditions of sale and delivery is available on our website: www.hoermann.com/en/gtc

Prices in €. Copyright. No part of this price list may be reproduced without our permission. All details subject to change.

Contents

Barriers, barrier systems

Automatic barriers		From page
SH 100	Barrier oval boom	2
Optional extras		From page
Pay station systems		
Accessories for pay station systems		See industrial price list 18-22.1
Accessories for barriers, barrier systems and pay station systems		

Contents

Bollard

Security Line		From page
Automatic bollards E	With integrated electromechanical operator	// NEW From 02.2023 A 220-600 E / A 220-800 E 4
Removable bollards	With closed base	// NEW From 02.2023 R 127-600 / R 127-800 6
		// NEW From 02.2023 R 220-600 / R 220-800 7
Removable design bollards	with ground fitting to set in concrete	// NEW From 02.2023 R 140-900 8
Accessories for perimeter protection systems		From page
Fixed posts – rectangular – cross-section 300 x 200 mm		// NEW From 02.2023 9
Accessories for operators / controls		See industrial price list 18-22.1
High Security Line		From page
Mobile road blocker	OktaBlock / OktaBlock TR	10
Explanations of the security certifications		Page 12

Automatic barrier

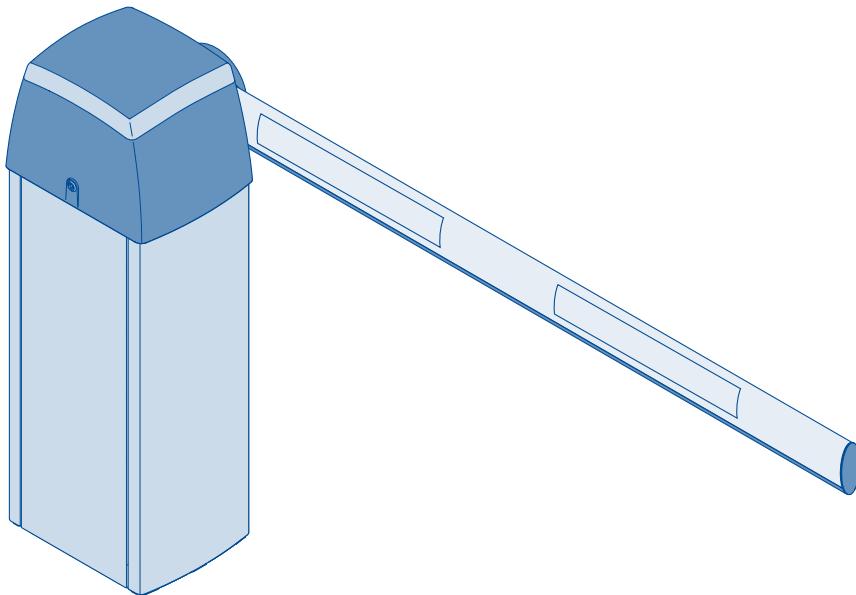
Barrier oval boom

SH 100



Product description

Max. barrier width	5750 mm 5750 mm (with 6000 mm barrier oval boom)
Opening / closing phase	Approx. 3 to 6 seconds depending on version
Cycles per day	to 1000
Overall cycles (service life)	Up to 2000000
Cycles per hour	Up to 250
Motor	24 V DC
Mains voltage	230 V (1~) ±10%, 50 Hz
Standby	< 1 W
Temperature range	-25°C to +60°C
Protection category	IP 44 (housing), IP 65 (encapsulated control)
Weight	Barrier 50 kg + barrier oval boom 1.32 kg/m
Housing	<ul style="list-style-type: none">Housing with detachable steel front door, galvanized and powder-coatedBarrier cover with illuminationBarrier cover made of plastic with locking and barrier cover switchDimensions (W × H × D): 320 × 1120 × 405 mm <p>Standard colour: housing in RAL 9006 White aluminium, barrier cover in RAL 7016 Anthracite grey</p>
Barrier boom	<ul style="list-style-type: none">Barrier oval boom (W × H) 50 × 100 mm (120 mm incl. impact protection)Barrier boom holder for left and right operationMade of aluminium, powder-coated in RAL 9016 Traffic white, with red reflecting strips and cover capBottom side with impact protection and groove to hold the (optional) barrier boom illumination
Control	<ul style="list-style-type: none">Micro-processor barrier controlBiSecur radio receiver integratedOperation time monitoring of barrier operationIntegrated barrier cover switch: prevents the automated movement of mechanical components when the barrier is openImpact protection by intelligent obstacle detectionBarrier status indicated by LED illumination7-segment display for status display and control buttons on the controlImpulse control with automatic timer (optionally with protective device)Option of connection of external components via UAP (optional)Option of synchronous barrier operation



Automatic barrier SH 100 Basis with barrier oval boom		Article no.	€
Barrier SH 100 Basis With 24 V DC operator, BiSecur radio receiver and basis control housing (with loop detector extension option)	Barrier boom holder For left and right operation	4837558	2363
// NEW Barrier SH 100 Basis standard Barrier SH 100 Basis (article no. 4837558) with spring for boom lengths from 2.5 to 4.5 m and fitted connecting socket (article no. 4837561)	Barrier boom holder For left and right operation	4838340	2435
Automatic barrier SH 100 Extended with barrier oval boom		Article no.	€
Barrier SH 100 Extended With 24 V DC operator, BiSecur radio receiver and large control housing incl. extension options (necessary for induction loop detector)	Barrier boom holder For left and right operation	4837559	2573
// NEW Barrier SH 100 Extended standard Barrier SH 100 Extended (article no. 4837559) with spring for boom lengths from 2.5 to 4.5 m and fitted connecting socket (article no. 4837561)	Barrier boom holder For left and right operation	4838341	2645
Automatic barrier SH 100 Synchronous with barrier oval boom		Article no.	€
Additional barrier SH 100 Synchronous for synchronous operation with 24 V DC operator – without control	Barrier boom holder For left and right operation	4837560	1963
Notes:			
• Can only be operated with SH 100 Extended!			
• A control cable 10 x 2 x 0.8 mm ² between the barriers is required!			
Barrier oval boom		Article no.	€
Boom length 3 m		4835560	149
Boom length 4 m		4835561	199
// NEW Boom length 5 m		4835562	249
// NEW Boom length 6 m (SH 100 only, 4838567 required)		4835563	299
// NEW Insert retrofit kit barrier oval boom > 5 m (mandatory for barrier oval boom > 5 m)		4838567	127
Optional extra LED lighting strip for barrier oval boom		Article no.	€
LED lighting strip for barrier oval boom	For boom length 3 m For boom length 4 m // NEW For boom length 5 m // NEW For boom length 6 m	Surcharge Surcharge Surcharge Surcharge	104 113 122 131
Optional extra for automatic barrier SH 100 with barrier oval boom – extended		Article no.	€
Detector VEK MNH1-R24-A 1-channel (for evaluation of an induction loop) A 24 V power supply unit (article no. 4838568) is required.		Surcharge	222
Detector VEK MNH2-R24-A 2-channel (for evaluation of two induction loops) A 24 V power supply unit (article no. 4838568) is required.		Surcharge	285
Preparation for SH 100 accessories (detector)		Surcharge	49
// NEW 24 V DC power supply unit LRS-75-24 SH 100 for hat rail		Surcharge	65
Preparation for SH 100 accessories (power supply unit)		Surcharge	49
Induction loops		See page 32 in industrial price list 18-22.1	
// NEW Stabiliser link for barrier oval boom		Surcharge	233
// NEW Support post for barrier oval boom		Surcharge	419
// NEW Support post with magnet for barrier oval boom		Surcharge	760
Photocells / light buttons for barriers		Article no.	€
Photocell EL 401 (one-way photocell with transmitter / receiver)		Surcharge	71
Post for EL 401 for fitting of receiver (not required for synchronous barrier or support post)		Surcharge	52
Optional extras for barriers		Article no.	€
Barrier door variant 2, prepared for key and fire brigade switch (article no. 4835366 and 437523)		Surcharge	43
// NEW Fire brigade switch, triangular lock 15 mm, Open push-to-lock, Close press-and-hold, for fitting in barrier door variant 2 (article no. 4837310)		Surcharge	412
// NEW Key switch UPB 1-TR for fitting in barrier door variant 2 (article no. 4837310)		Surcharge	206
Preparation for SH 100 accessories (fire brigade / key switch)		Surcharge	49
UAP additional print With the help of the UAP, the cover lighting can be used as a caution light (orange) independently of the LED boom lighting (not needed without LED boom lighting).	Basis (in additional housing) Extended (integrated in large barrier control housing)	Surcharge Surcharge	78 68
Preparation for SH 100 accessories (UAP)		Surcharge	49
Connecting socket for rigid underground cables, incl. fitting plate to facilitate fitting in case of large cross-sections		Surcharge	23
Preparation for SH 100 accessories (connecting socket)		Surcharge	49
Cover lock type 0857, 2 x keys As standard, the barrier is fitted with a triangular sash lock		Surcharge	52
// NEW Barrier battery for emergency operation in case of power failure		Surcharge	249
Pre-tensioning lever (tool for spring tension)		Surcharge	17
Combination tool (tool for spring lock / motor release)		Surcharge	10
BiSecur hand transmitters		See page 34 in industrial price list 18-22.1	

Automatic bollards E

With integrated electromechanical operator

A 220-600 E / A 220-800 E

NEW

Available from February 2023

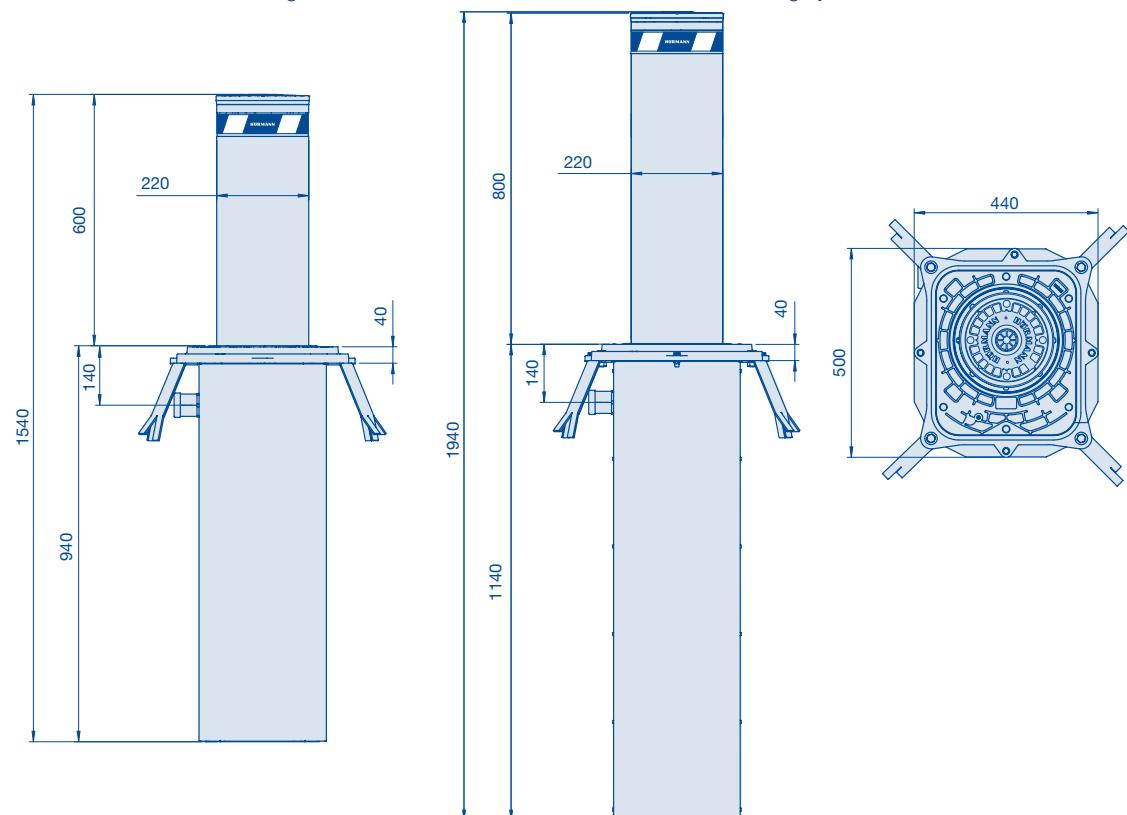


Product description

Automatic bollards E

	A 220-600 E	A 220-800 E
Movable cylinder	Height	600 mm
	Diameter	220 mm
	Material thickness	4 mm
	Material	Steel S235JR – stainless steel V2A (AISI 304)
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: standard painting* or brushed
	Reflecting strips (height 55 mm)	Yes
	Lifting speed	9.5 cm/s
	Lowering speed	12 cm/s
	11 cm/s	
	14 cm/s	
	Automatic emergency lowering in case of power failure	Yes (emergency batteries included in the scope of delivery)
	Automatic safety cut-out	Yes – as standard
	Connecting cable to control unit	Standard 10 m (max. 30 m)
	Control unit voltage	230 / 400 V AC ($\pm 10\%$) 50 / 60 Hz
	Electromechanical operator	Integrated in bollard
	Electromechanical operator power consumption	140 W (max. 250 W) – 0.6 A (max. 1.1 A)
	Protection category	IP 67
	Cycles per day	1000
	Overall cycles (service life)	1500000
	Impact energy without destruction	30000 J
	Impact energy with destruction	150000 J
	Load rating acc. to EN 124	D400 Regulation
	Temperature range	From –40°C to +70°C (for low temperatures, see heating element)

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Automatic bollards A 220-600/800 E with integrated electromechanical operator		A 220-600 E	A 220-800 E
		Article no.	Article no.
Automatic bollard A 220-600/800 E	Painted steel	4516531	2680
	Painted stainless steel	4516532	2893
	Brushed stainless steel V2A (AISI 304)	4516533	3181
Automatic bollard A 220-600/800 E + Lighting strip with 8 LEDs	Painted steel	4516534	3160
	Painted stainless steel	4516535	3373
	Brushed stainless steel V2A (AISI 304)	4516536	3661
Foundation box for automatic bollards		Article no.	€
Steel foundation box with aluminium zinc coating – installation frame and ground anchors		A 220-600 E/H	4515042
		A 220-800 E/H	4515073
Metal cover cap for foundation box (with screws)			578
Pavement frame for laying paving stones	Stainless steel standard coating, anti-slip	A 220-600 E/H	4516034
		A 220-800 E/H	4516027
	Brushed stainless steel	A 220-600 E/H	4516032
		A 220-800 E/H	4516029
Bollard inserted in foundation box (not fully fitted / to reduce transport costs)			80
Controls for automatic bollards		Article no.	€
Control for systems with max. 3 bollards A 127/220/275-600/800 E – 2 batteries 12 V 7 Ah		4515011	1076
// NEW Control for systems with max. 6 bollards A 220/275-600/800 E		4516588	1547
// NEW Control for systems with max. 9 bollards A 220/275-600/800 E		4516589	1867
Optional extras for automatic bollards		Article no.	€
Surcharge for painting the cylinder in RAL to choose		Cylinder 220-600	4515057
		Cylinder 220-800	4515189
Maritime protection against corrosion for steel cylinders (recommended for saline ambient conditions)		Cylinder 220-600	4515055
		Cylinder 220-800	4515077
Maritime protection against corrosion for bollard frame (recommended for saline ambient conditions)		A 220-600 E/H	4515056
		A 220-800 E/H	4515078
Maritime protection against corrosion for top installation frame (recommended for saline ambient conditions)		4516141	192
Acoustic warning signal (for bollards only in combination with LED lighting strip)		4515012	68
Heating element incl. transformer and thermostat 80 W, connecting lead 10 m		4515014	656
Extended connecting cable from bollard A 127/220/275-600/800 E to control (max. 30 m in total – including 10 m standard length), supplied in 5 m increments		Per m	4515015
Bottom magnetic contact with support brackets – for traffic light control and status feedback		4515016	227
Stainless steel control box with ground fitting, max. 1 control – foundation anchors		4515154	528
Dimensions (W x D x H) 330 x 280 x 967 mm, protection category IP 40			
Control box made of fibreglass with ground fitting, max. 2 controls – foundation anchors		4515378	1311
Dimensions (W x D x H) 580 x 280 x 940 mm, protection category IP 55			
Heating element for control – 20 W		4515018	436
Traffic light, LED version, 100 mm – 1 x red / 1 x green (Attention: For A 127/220/275-600 E and A 127/220/275-800 E, the bottom magnetic contact, article no. 4515016, is required.)		4515019	507
Painted post (diameter 105 mm) for traffic lights – length 3.55 m		4515020	321
Up / down signal kit to display bollard position (Attention: For A 127/220/275-600 E and A 127/220/275-800 E, the bottom magnetic contact, article no. 4515016, is required.)		4515021	269
Control panel – 1 Up / Down push button module		4515163	110
Control panel – 1 Up / Down push button module – 1 red / green LED module to indicate traffic light operation (Attention: Bottom magnetic contact required for A 127/220/275-600 E)		4515164	186
// NEW Surcharge for bollard cover and neutral reflective strips		4516590	213
Radio receiver		Article no.	€
HET-E2 SL BS for bollards, road blockers, tyre killers, pre-assembled in the control housing			
2-channel relay receiver with status feedback, for choosing direction (lifting and lowering) and limit switch reporting (can be connected to volt-free inputs on the HET). The up / down signal kit is required for the display of the limit switch reporting position via HS 5 BS or optionally via app (Hörmann homee Brain required). Frequency 868 MHz, operating voltage: 24 V DC (Attention: Bottom magnetic contact, art. no. 4515016, additionally required for A 127/220/275-600 E)		4515833	291
HAC perimeter protection system Hörmann Access Control			
Control for the management of perimeter protection systems via the Online Control web interface		See page 70 in industrial price list 18-22.1	
Online Control			
Accessories for operators and controls		See from page 112 in industrial price list 18-22.1	

Removable bollards

With closed base

R 127-600 / R 127-800

NEW

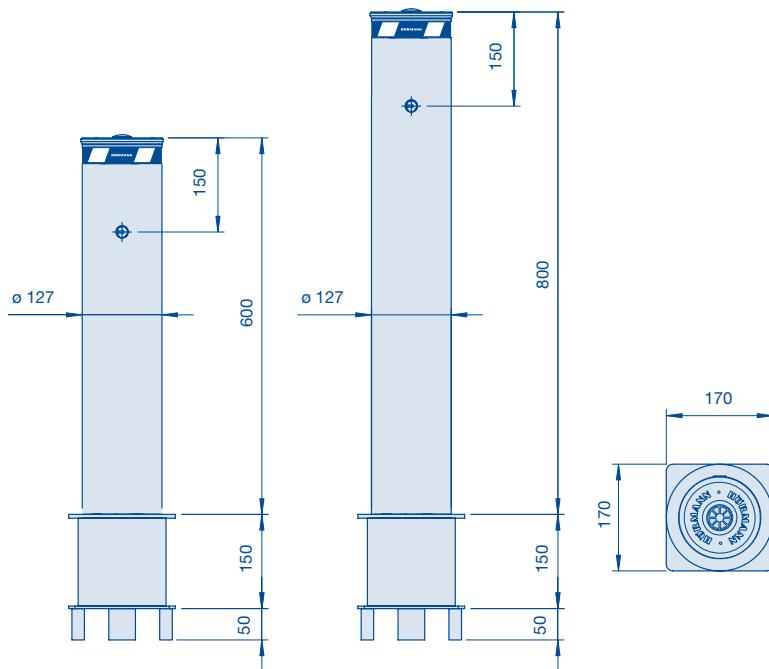
Available from February 2023



Product description

		R 127-600	R 127-800
Movable cylinder	Height	600 mm	800 mm
	Diameter	127 mm	
	Material thickness	4 mm	
	Material	Steel S235JR Stainless steel V2 A (AISI 304)	
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: standard painting* or brushed	
	Weight	14 kg	18 kg
	Reflecting strips (height 55 mm)	Yes	
Impact energy without destruction		20000 J	
Impact energy with destruction		150000 J	
Load rating acc. to EN 124		D250 Regulation	
Temperature range		From -40°C to +70°C	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Removable bollard R 127-600/800 with closed base

	R 127-600	R 127-800	
Article no.	€	Article no.	€
4516543	1267	4516546	1314
4516544	1455	4516547	1537
4516545	1678	4516548	1701

	Article no.	€
Ground fitting with cylinder bearing for R 127-600/800 made of painted steel, with round bottom plate	Bollard 127-600/800	4516560 299
Profile half cylinder lock with keys to pass	Surcharge per bollard	4515194 38

Optional extras for removable bollards

Surcharge for painting the cylinder in RAL to choose	Cylinder 127-600	4515491	147
	Cylinder 127-800	4515492	174
Maritime protection against corrosion for steel cylinders (recommended for saline ambient conditions)	Cylinder 127-600	4515495	129
	Cylinder 127-800	4515496	161
Maritime protection against corrosion for ground fitting (recommended for saline ambient conditions)		4516586	155
Additional key for profile half cylinder lock		4516233	17,60
Adjustment of the bollard to the driveway inclination		4516392	On request
Project planning costs for adjustment of the bollard to the driveway inclination (in case of first-time implementation)		4516393	On request

Removable bollards

With closed base

R 220-600 / R 220-800

NEW

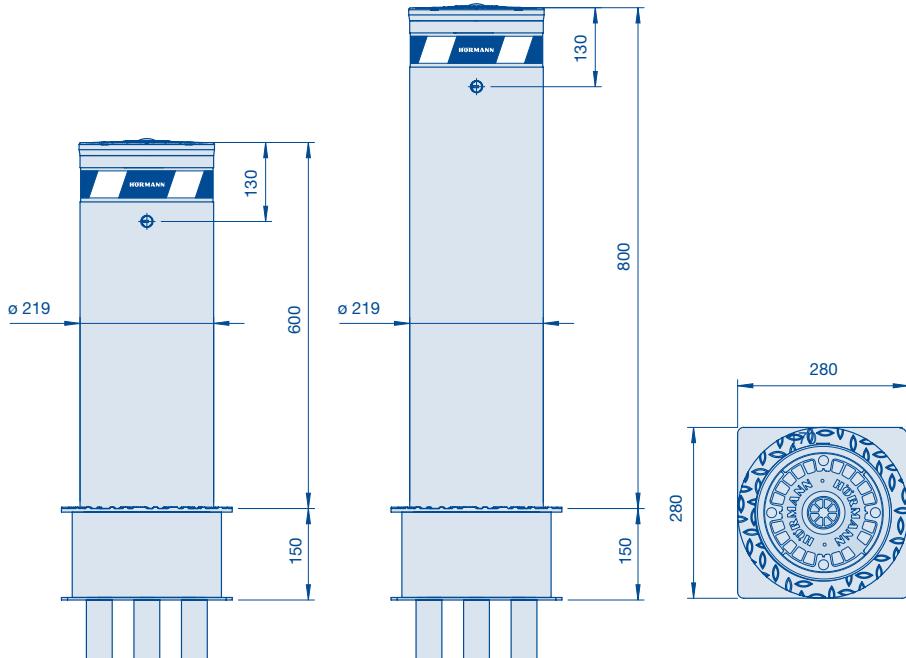
Available from February 2023



Product description

		R 220-600	R 220-800
	Height	600 mm	800 mm
	Diameter	220 mm	
	Material thickness	4 mm	
Movable cylinder	Material	Steel S235JR Stainless steel V2 A (AISI 304)	
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: standard painting* or brushed	
	Weight	19 kg	23 kg
	Reflecting strips (height 55 mm)	Yes	
Impact energy without destruction		30000 J	
Impact energy with destruction		150000 J	
Load rating acc. to EN 124		D250 Regulation	
Temperature range		From -40°C to +70°C	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Removable bollard R 220-600/800 with closed base	R 220-600	R 220-800
Removable bollard R 220-600/800	Article no. 4516549 1455	Article no. 4516552 1506
+ Profile half cylinder lock with 2 keys	Article no. 4516550 1742	Article no. 4516553 1792
Ground fitting, article no. 4516562, required.	Article no. 4516551 1948	Article no. 4516554 2009
Article no. €	Article no. €	Article no. €
Ground fitting with cylinder bearing for R 127-600/800 made of painted steel, with round bottom plate	Bollard 220-600/800	4516562 318
Profile half cylinder lock with keys to pass	Surcharge per bollard	Bollard 220-600/800
		4515194 38
Optional extras for removable bollards	Article no.	€
Surcharge for painting the cylinder in RAL to choose	Cylinder 220-600	4515057 231
	Cylinder 220-800	4515189 257
Maritime protection against corrosion for steel cylinders (recommended for saline ambient conditions)	Cylinder 220-600	4515055 167
	Cylinder 220-800	4515189 244
Maritime protection against corrosion for ground fitting (recommended for saline ambient conditions)		4515586 155
Additional key for profile half cylinder lock		4516233 17,60
Adjustment of the bollard to the driveway inclination		4516392 On request
Project planning costs for adjustment of the bollard to the driveway inclination (in case of first-time implementation)		4516393 On request

Removable design bollards

with ground fitting to set in concrete

R 140-900

NEW

Available from February 2023



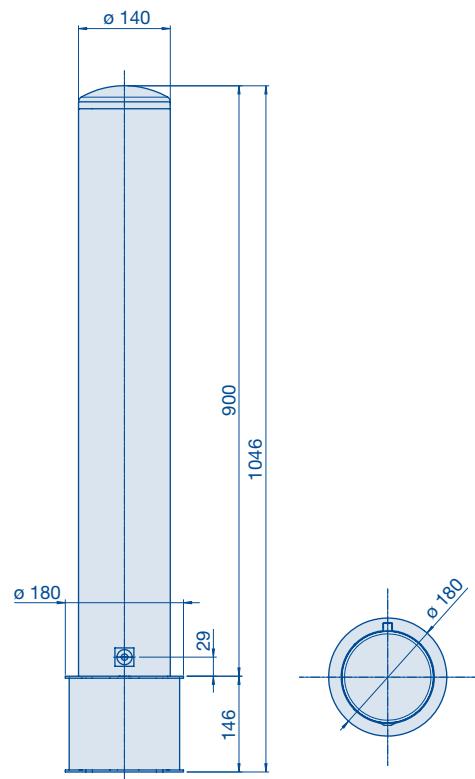
Product description

Removable design bollards

R 140-900

Movable cylinder	Height	900 mm
	Diameter	140 mm
	Material thickness	2 mm
	Material	Steel S235JR Stainless steel V2 A (AISI 304)
	Surface treatment	Steel version: anti-corrosion treatment – standard painting * Stainless steel version: brushed
	Weight	11 kg
	Fitting depth for ground fitting to set in concrete	150 mm
Load rating acc. to EN 124		D250 Regulation
Temperature range		From -40°C to +70°C

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.



Removable design bollard R 140-900 with closed base

R 140-900

Removable design bollard R 140-900

Painted steel

+ Cam lock with 2 keys

Brushed stainless steel V2A (AISI 304)

Article no.	€
4516555	560
4516556	1123

Ground fitting, article no. 4516561, required.

Article no.	€
Ground fitting with cylinder bearing for R 140-900 made of painted steel, with round bottom plate	4516561

4516561 291

Optional extras for removable bollards

Article no.

Surcharge for painting the cylinder in RAL to choose

4516219 49

Additional key for cam lock

4516587 18

Versions with diameter 102 mm or 168 mm, or with other cover shapes, as well as other cylinder lengths are available on request.

Key switch posts

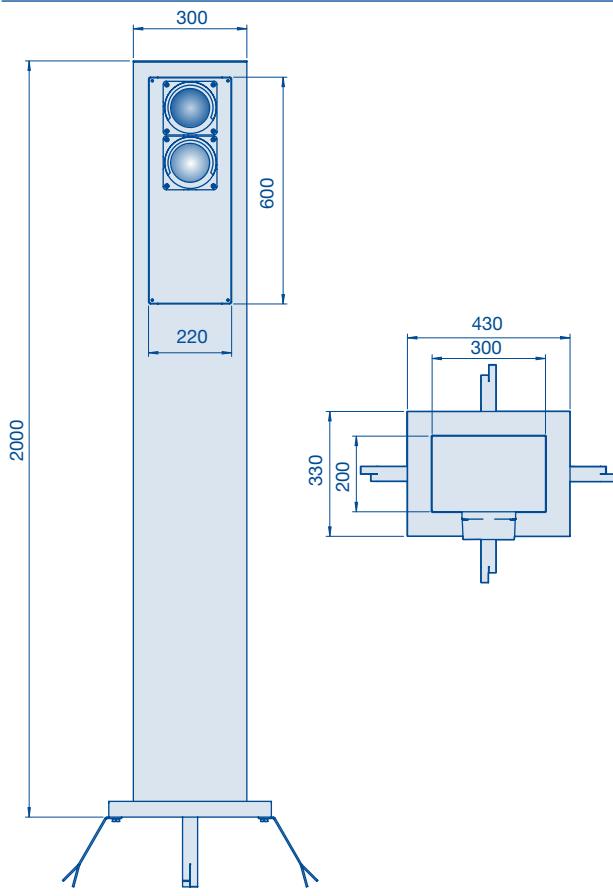
For perimeter protection and access regulation

Rectangular 300 x 200 mm



NEW

Available from February 2023



Shown with cut-out

Fixed posts	Article no.	€
Post <ul style="list-style-type: none">On one side, with 1 cut-out 600 x 220 mm To hold 1 warning light and command unitsComplete with ground anchorsRectangular cross-section 300 x 200 mmHeight 2000 mmSurface finish in Anthracite grey as standard	Painted steel *	4516557 1344
Post <ul style="list-style-type: none">On two sides, with 2 cut-outs, each 600 x 220 mm To hold 2 warning lights and command unitsComplete with ground anchorsRectangular cross-section 300 x 200 mmHeight 2000 mmSurface finish in Anthracite grey as standard	Painted steel *	4516558 1344
Surcharge for painting in RAL to choose	4516559	411
For post with rectangular cross-section 300 x 200 mm		
Cut-out in post/barrier for additional control element	4516584	240
Additional key for cam lock	4516587	18

Note:

- For orders together with bollards, the control can be installed into the post.
- Posts can be manufactured with different specifications.
- Fitted devices (warning lights, controls, switches, readers, etc.) are not included in the stated prices.
- In conjunction with the control for bollards of:
 - Security Line H, a system with max. 5 bollards is possible.
 - Security Line E, a system with max. 3 bollards is possible.
 - High Security Line H, a system with max. 2 bollards is possible.
- Not suitable for bollards of High Security Line E.
- Protection category IP 40

Mobile vehicle barrier



OktaBlock / OktaBlock TR

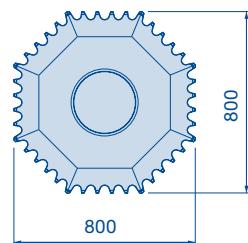
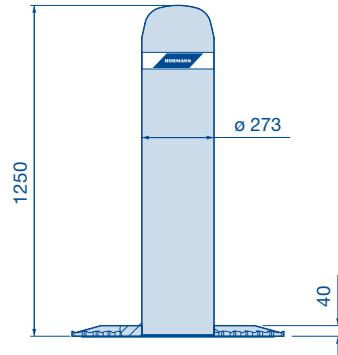
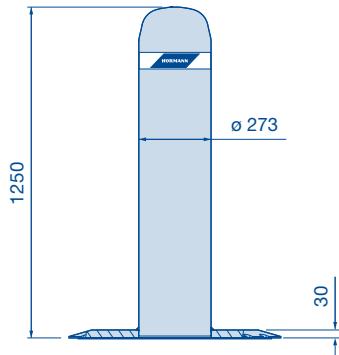
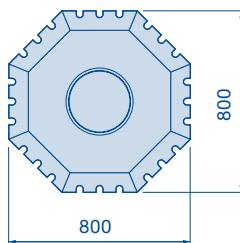
Product description

	OktaBlock	OktaBlock TR
Removable cylinder	Dimensions of the base plate (W x H x D) 800 x 30 x 800 mm	800 x 40 x 800 mm
	Height 1250 mm	1250 mm
	Diameter 273 mm	273 mm
	Material thickness 16 mm	16 mm
	Material Steel S 355	Steel S 355
	Cylinder infill Concrete	Steel concrete
	Surface treatment Standard coating *, optionally in RAL to choose	Standard coating *, optionally in RAL to choose
	Weight Approx. 350 kg	Approx. 450 kg
Reflecting strips (height 55 mm)		Yes
Impact energy	750000 J	986000 J
Certified acc. to	M30, K4, PAS68:2013, IWA-14-1:2013	SK1B, TR Pol ** DIN SPEC 91414-1 ***
Transport aid for lifting the OktaBlock	Eyebolt M20, incl. sling rope included in the scope of delivery	

* For orders with no surcharge in RAL to choose, the standard colour is Anthracite grey.

** According to the technical guidelines of the German police for mobile vehicle barriers, version 0.8

*** When used in conjunction with add-on kit, article no. 4603616.



Mobile vehicle barrier OktaBlock / OktaBlock TR

	Article no.	€
Mobile vehicle barrier OktaBlock	4600901	8887
Mobile vehicle barrier OktaBlock TR	4600903	9959
Surcharge for painting in RAL to choose	4600902	521

Mobile vehicle barrier



OktaBlock / OktaBlock TR

Optional extras for mobile vehicle barriers OktaBlock / OktaBlock TR	Article no.	€
Placement case Contains e.g. useful tools for marking setup positions, compensating for uneven subsurfaces and additional spare screw plugs.	4601493	457
Maintenance case Contains e.g. spare warning marks, sling rope and spray paint for repairing surface damage.	4601494	443
OktaMover Transport aid for OktaBlock / OktaBlock TR, for easy placement and relocation of OktaBlock vehicle barriers without a forklift, crane or similar. Hydraulics for easy lifting and lowering, parking brake	4601981	5266
Universal adapter for fastening standard construction site lights Adapter for fastening all conventional construction site lights with fixing bracket (58 – 64 mm screw spacing) on the head of the OktaBlock / OktaBlock TR. The max. weight of the lights is 1.2 kg. Lights to be provided on site.	4601982	112
Expansion set to fulfil the British VADS standard (CPNI) With the set consisting of special connecting loops and an anti-slip cover mats, the OktaBlock PAS / IWA fulfils the additional requirements of the British Centre for the Protection of National Infrastructure (CPNI) according to the Vehicle Attack Delay Standard (VADS) for vehicles up to 2.5 t. The bollards must be installed in accordance with the tested configurations.		On request
// NEW Add-on kit to comply with standard DIN SPEC 91414-1 for 3 Oktablock TR Thanks to the set consisting of special connecting loops and anti-slip cover mats, the OktaBlock TR fulfills the additional requirements for mobile vehicle barriers according to standard DIN SPEC 91414-1. Only available in conjunction with OktaBlock TR. The bollards must be installed according to the tested configuration!	4603616	855

Security certifications

Explanations

Crash tests create optimum prerequisites for official inspections by authorised test centres for official approvals. Certification of bollards and road blockers requires realistic crash tests with particularly high loads. In this test, for example, a 7.5 tonne lorry (remote-controlled) drives into a road blocker at a speed of 80 km/h. The various certificates from the USA and Europe are recognised as being equivalent internationally, provided they fulfil the same requirements.

K12

Crash test – K12 rating
American Certification DOS SD-SDT – 02.01 Performed at Texas Transportation Institute
The Texas A&M University System, Texas U.S.A.

Test method
Vehicle weight: 6.8 t
Speed: 80 km/h
Impact energy: 1679012 J

M50

Crash test – M50 rating
Certification ASTM F2656-07
Performed at Karco Engineering, LLC.
Automotive Research Center,
Adelanto, CA, U.S.A.

Test method
Vehicle weight: 6.8 t
Speed: 80 km/h
Impact energy: 1679012 J

M30

Crash test – M30 rating
Certification ASTM F2656-07
Performed at Karco Engineering, LLC.
Automotive Research Center,
Adelanto, CA, U.S.A.

Test method
Vehicle weight: 6.8 t
Speed: 50 km/h
Impact energy: 655864 J

PAS68

Crash test – rating PAS68:2013
Certification PAS68:2013
Performed at Aisico srl.
Crash Test Center, Pereto (Aq) – Italy

Test methods
Vehicle weight: 7.5 t
Speed: 50 km/h
Impact energy: 723380 J

Vehicle weight: 7.5 t
Speed: 80 km/h
Impact energy: 1851852 J

IWA14

Crash test – IWA14-1:2013 rating
Certification IWA14-1:2013
Performed at Aisico S.r.l.
Crash Test Center, Pereto (Aq) – Italy

Test methods
Vehicle weight: 7.2 t
Speed: 50 km/h
Impact energy: 694444 J

Vehicle weight: 7.2 t
Speed: 80 km/h
Impact energy: 1777778 J

SK1B

Technical guidelines of the German police for mobile vehicle barriers
Version 0.8

Test methods
Vehicle weight: 7.5 t
Speed: 53 km/h
Impact energy: 986000 J

VADS

Vehicle Attack Delay Standard of the British Centre for the Protection of National Infrastructure (CPNI)

Test methods

A skilled driver must be prevented from getting past the vehicle barrier for a defined period of time with a defined vehicle.

Brand quality for residential and commercial construction

The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly-specialised factories using state-of-the-art production technologies. Furthermore, our employees work intensively on new products, continual further developments and improvements to details. The results are patents and one-of-a-kind products you can depend on.

