



STAINLESS STEEL BOLLARDS

PROTECTION BOLLARDS

RETRACTABLE BOLLARDS

HOOPED PERIMETER BARRIERS

CYCLE STANDS

CYCLE SHELTERS

AUTOMATIC BARRIERS

MANUAL ARM BARRIERS

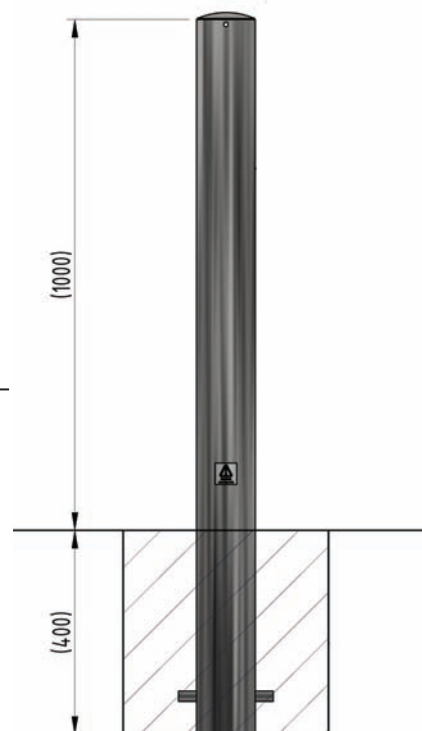
Car Showroom Brochure



1M 310/11 EMS 2021/06 OHS 102/103



Plain Round Bollard 1000mm Above Ground 48mm - 114mm Diameter Stainless Steel



AUTOPA's range of Plain Round Stainless Steel Bollards is a simple and elegant way of controlling vehicle parking and access. Plain Round Stainless Steel Bollards are ideal for use around pedestrian precincts, shops, pavements, play and parking areas, as part of traffic calming measures, pedestrianisation schemes and as a deterrent to ram-raiders.

The complete range of Plain Round Stainless Steel Bollards are available in diameters from 60mm to 204mm in Grade 304 or Grade 316 and available with extended legs for casting into concrete or with a flange plate for bolting down.

Removable versions are also available.

Part Number	Description	Wall Thickness	Weight (kg)
138 125 048	48mm (Concrete In)	2mm	3.2kg
138 125 047	48mm (Bolt Down)	2mm	2.5kg
138 125 061	60mm (Concrete In)	2mm	4.4kg
138 125 062	60mm (Bolt Down)	2mm	3.5kg
138 125 076	76mm (Concrete In)	2mm	5.6kg
138 125 077	76mm (Bolt Down)	2mm	4.4kg
138 125 089	89mm (Concrete In)	2mm	6.5kg
138 125 091	89mm (Bolt Down)	2mm	5.1kg
138 125 101	101mm (Concrete In)	2mm	7.3kg
138 125 106	101mm (Bolt Down)	2mm	5.7kg
138 125 114	114mm (Concrete In)	2mm	8.3kg
138 125 116	114mm (Bolt Down)	2mm	6.5kg

Product details

- 1000mm tall
- Concrete In bollards 400mm below ground
- Re-inforcing cores available
- Grade 316 versions available
- Reflective bands available
- Supplied with welded steel cap

Installation & use

Concrete In Plain Bollards require an excavated hole (no less than 400mm³) for installation. Bolt down Plain Bollards require bolting down to a suitable concrete surface (no less than 400mm³).

48mm- 114mm three M12 bolts, 139mm - 193mm three M16 bolts.

AUTOPA recommends that bollards are placed no further than 1,200mm apart to ensure that no vehicle may pass between them. This product is guaranteed for 12 months (if installed and used correctly).



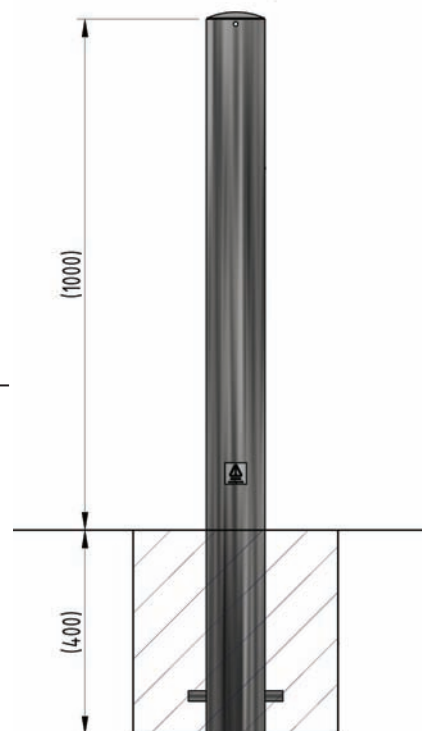
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Plain Round Bollard 1000mm Above Ground 129mm - 204mm Diameter Stainless Steel



AUTOPA's range of Plain Round Stainless Steel Bollards is a simple and elegant way of controlling vehicle parking and access. Plain Round Stainless Steel Bollards are ideal for use around pedestrian precincts, shops, pavements, play and parking areas, as part of traffic calming measures, pedestrianisation schemes and as a deterrent to ram-raiders.

The complete range of Plain Round Stainless Steel Bollards are available in diameters from 60mm to 204mm in Grade 304 or Grade 316 and available with extended legs for casting into concrete or with a flange plate for bolting down.

Removable versions are also available.

Part Number	Description	Wall Thickness	Weight (kg)
138 125 129	129mm (Concrete In)	2mm	9.4kg
138 125 130	129mm (Bolt Down)	2mm	7.3kg
138 125 139	139mm (Concrete In)	2mm	10.0kg
138 125 137	139mm (Bolt Down)	2mm	8.1kg
138 125 154	154mm (Concrete In)	2mm	11.3kg
138 125 153	154mm (Bolt Down)	2mm	9.4kg
138 125 168	168mm (Concrete In)	2mm	12.5kg
138 125 173	168mm (Bolt Down)	2mm	10.2kg
138 125 204	204mm (Concrete In)	2mm	15.0kg
138 125 206	204mm (Bolt Down)	2mm	12.3kg

Product details

- 1000mm tall
- Concrete In bollards 400mm below ground
- Re-inforcing cores available
- Grade 316 versions available
- Reflective bands available
- Supplied with welded steel cap

Installation & use

Concrete In Plain Bollards require an excavated hole (no less than 400mm³) for installation. Bolt down Plain Bollards require bolting down to a suitable concrete surface (no less than 400mm³).

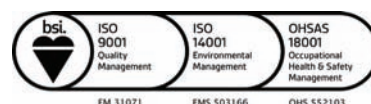
48mm - 114mm three M12 bolts, 139mm - 193mm three M16 bolts.

AUTOPA recommends that bollards are placed no further than 1,200mm apart to ensure that no vehicle may pass between them. This product is guaranteed for 12 months (if installed and used correctly).



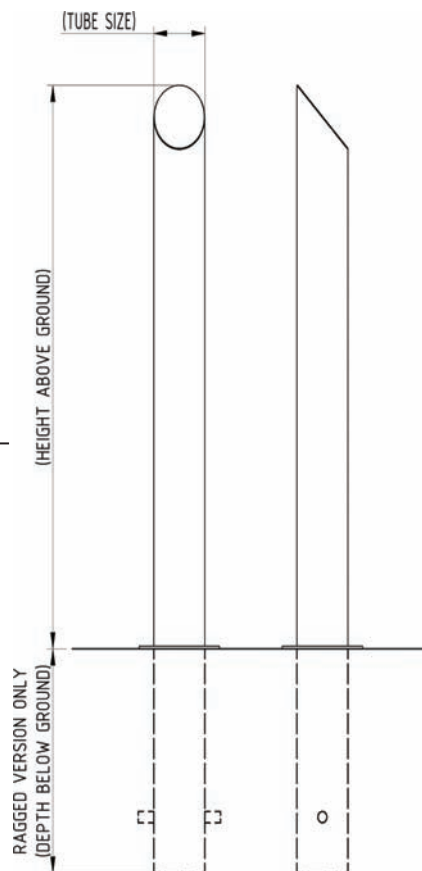
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Mitre Top Bollard 1000mm Above Ground 60mm - 114mm Diameter Stainless Steel



AUTOPA's range of Mitre Top Round Stainless Steel Bollards are a simple and elegant way of controlling vehicle parking and access.

Mitre Top Stainless Steel Bollards are the preferred choice for prestigious sites as part of traffic calming measures, pedestrianisation schemes and as a deterrent to ram-raiders.

The complete range of Mitre Top Round Stainless Steel Bollards are available in diameters from 60mm to 204mm in Grade 304 or Grade 316 and available with extended legs for casting into concrete or with a flange plate for bolting down.

Part Number	Description	Wall Thickness	Weight (kg)
138 126 060	60mm (Concrete In)	2mm	4.4kg
138 126 061	60mm (Bolt Down)	2mm	3.5kg
138 126 076	76mm (Concrete In)	2mm	5.6kg
138 126 077	76mm (Bolt Down)	2mm	4.4kg
138 126 089	89mm (Concrete In)	2mm	6.5kg
138 126 090	89mm (Bolt Down)	2mm	5.1kg
138 126 101	101mm (Concrete In)	2mm	7.3kg
138 126 102	101mm (Bolt Down)	2mm	5.7kg
138 126 114	114mm (Concrete In)	2mm	8.3kg
138 126 115	114mm (Bolt Down)	2mm	6.5kg

Product details

- 1000mm tall
- Concrete In bollards 400mm below ground
- Re-inforcing cores available
- Grade 316 versions available
- Reflective bands available
- Supplied with 45 degree welded steel cap

Installation & use

Concrete In bollards require an excavated hole (no less than 400mm³) for installation.
Bolt down Plain Bollards require bolting down to a suitable concrete surface (no less than 400mm³).

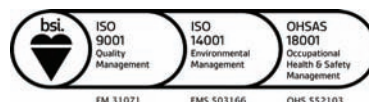
48mm - 114mm three M12 bolts, 139mm - 193mm three M16 bolts.

AUTOPA recommends that bollards are placed no further than 1,200mm apart to ensure that no vehicle may pass between them.
This product is guaranteed for 12 months (if installed and used correctly).



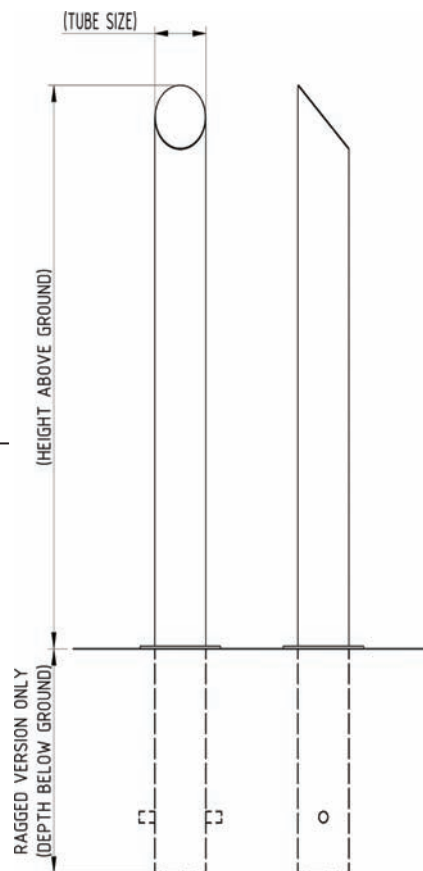
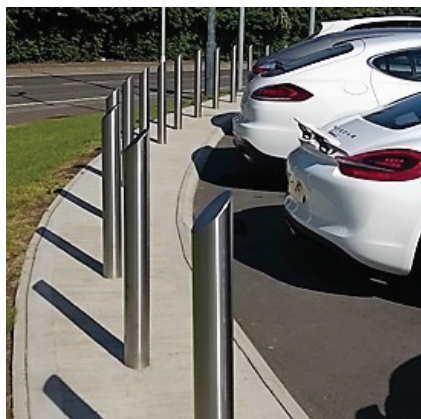
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Mitre Top Bollard 1000mm Above Ground 129mm - 204mm Diameter Stainless Steel



AUTOPA's range of Mitre Top Round Stainless Steel Bollards are a simple and elegant way of controlling vehicle parking and access.

Mitre Top Stainless Steel Bollards are the preferred choice for prestigious sites as part of traffic calming measures, pedestrianisation schemes and as a deterrent to ram-raiders.

The complete range of Mitre Top Round Stainless Steel Bollards are available in diameters from 60mm to 204mm in Grade 304 or Grade 316 and available with extended legs for casting into concrete or with a flange plate for bolting down.

Part Number	Description	Wall Thickness	Weight (kg)
138 126 129	129mm (Concrete In)	2mm	9.4kg
138 126 130	129mm (Bolt Down)	2mm	7.3kg
138 126 139	139mm (Concrete In)	2mm	10.0kg
138 126 140	139mm (Bolt Down)	2mm	8.1kg
138 126 154	154mm (Concrete In)	2mm	11.3kg
138 126 155	154mm (Bolt Down)	2mm	9.4kg
138 126 168	168mm (Concrete In)	2mm	12.5kg
138 126 169	168mm (Bolt Down)	2mm	10.2kg

Product details

- 1000mm tall
- Concrete In bollards 400mm below ground
- Re-inforcing cores available
- Grade 316 versions available
- Reflective bands available
- Supplied with welded steel cap

Installation & use

Concrete In bollards require an excavated hole (no less than 400mm³) for installation.
Bolt down Plain Bollards require bolting down to a suitable concrete surface (no less than 400mm³).

48mm - 114mm three M12 bolts, 139mm - 193mm three M16 bolts.

AUTOPA recommends that bollards are placed no further than 1,200mm apart to ensure that no vehicle may pass between them.

This product is guaranteed for 12 months (if installed and used correctly).



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The AUTOPA RetractaPost-GL 745

The RetractaPost-GL offers a highly effective and robust way to protect premises and vehicles. The RetractaPost-GL is raised and lowered vertically. When lowered the post is fully below ground and covered using the integral lid. The post is lockable in the raised position by rotating the post 45° and then pressing the high-security push button 7-pin security lock. The post is unlocked using the supplied key, rotated and then lowered.

The RetractaPost-GL is ideal for protecting vehicle forecourts, commercial premises, car parks and domestic driveways.

Shown is 90mm version of the 90mm RetractaPost-GL 745 with optional AUTOPA Red & White chevron reflective label.

Product Range

Order Code	Description	Lift-up Weight	Weight
138 130 382	60mm (Galvanised)	4.6kg	17.6kg
138 130 387	60mm (Galvanised and Colour)	4.7kg	17.7kg
138 130 380	76mm (Galvanised)	5.5kg	18.5kg
138 130 385	76mm (Galvanised and Colour)	5.7kg	18.7kg
138 130 420	90mm (Galvanised)	6.6kg	30.2kg
138 130 422	90mm (Galvanised and Colour)	6.8kg	30.4kg
138 130 430	101mm (Galvanised)	9.3kg	40.0kg
138 130 432	101mm (Galvanised and Colour)	9.5kg	40.2kg

Accessories & installation parts

- 138 811 290 Spare key (please specify key number/product)
- 138 810 598 AUTOPA Red & White Chevron Reflective Label

Product details

745mm Tall (When raised).
 1070mm Below Ground.
 Mild Steel Galvanised Body and Socket

Installation & use

It is recommended that posts are placed no further than 1,200mm apart to ensure no vehicle may pass between the raised posts.
 An excavated hole of approximately 1,200mm deep and 300mm diameter is required for installation.
 Provision for suitable drainage must be made (chippings or similar) at the bottom of the hole. The uppermost 3-400mm must be concrete.
 The lid of the post should be no more than 10mm above finished ground level.
 Keep the sliding post clean and occasionally lubricate the lock with Ambersil 40+ or similar.
 This product is guaranteed for 12 months (*if installed and used correctly*).



The AUTOPA RetractaPost-GL 745

The RetractaPost-GL offers a highly effective and robust way to protect premises and vehicles. The RetractaPost-GL is raised and lowered vertically and is 745mm tall when raised. When lowered the post is fully below ground and covered using the integral lid. The post is lockable in the raised position by rotating the post 45° and then pressing the high-security push button 7-pin security lock. The post is unlocked using the supplied key, rotated and then lowered.

The RetractaPost-GL is ideal for protecting vehicle forecourts, commercial premises, car parks and domestic driveways.

Shown is the 90mm version of the Stainless Steel RetractaPost-GL 745.

Product Range

Order Code	Description	Lift-up Weight	Weight
138 130 388	60mm (Stainless Grade 304)	3.4kg	16.4kg
138 130 389	76mm (Stainless Grade 304)	4.0kg	17.0kg
138 130 429	90mm (Stainless Grade 304)	5.0kg	28.5kg
138 130 439	101mm (Stainless Grade 304)	5.8kg	41.0kg

Accessories & installation parts

138 811 290 Spare key (please specify key number/product)

Product details

745mm Tall (When raised).
1070mm Below Ground.
Mild Steel Galvanised Socket.
Grade 304 Stainless Steel Body.

Installation & use

It is recommended that posts are placed no further than 1,200mm apart to ensure no vehicle may pass between the raised posts. An excavated hole of approximately 1,200mm deep and 300mm diameter is required for installation. Provision for suitable drainage must be made (chippings or similar) at the bottom of the hole. The uppermost 3-400mm must be concrete. The lid of the post should be no more than 10mm above finished ground level. Keep the sliding post clean and occasionally lubricate the lock with Ambersil 40+ or similar. This product is guaranteed for 12 months (*if installed and used correctly*).



The AUTOPA RetractaPost-GL 900

The RetractaPost-GL 900 offers a highly effective and heavy duty way to protect premises and vehicles. The RetractaPost-GL 900 is 900mm above ground when raised. Due to the heavy weight of the post, it incorporates AUTOPA's lift assist system, which greatly reduces the lift up weight of the product and controls the post when lowering (114mm is available with or without lift assist).

When lowered the post is fully below ground and covered using the integral lid. The post is lockable in the raised position by rotating the post 45° and then pressing the high-security push button 7-pin security lock. The post is unlocked using the supplied key, rotated and then lowered. The RetractaPost-GL is ideal for protecting vehicle forecourts, commercial premises, car parks and domestic driveways.

Shown is the 114mm RetractaPost-GL with optional AUTOPA Red & White chevron reflective label.

Product Range

Order Code	Description	Lift-up Weight	Weight
138 130 440	114mm (Galvanised)	12.0kg	47.0kg
138 130 441	114mm (Galvanised and Colour)	12.0kg	47.0kg
138 130 450	114mm (Galvanised with Lift Assist)	4.0kg (approx.)	50.4kg
138 130 452	114mm (Galvanised and Yellow with Lift Assist)	4.0kg (approx.)	50.4kg
138 130 460	139mm (Galvanised with Lift Assist)	6.0kg (approx.)	62.0kg
138 130 462	139mm (Galvanised and Yellow with Lift Assist)	6.0kg (approx.)	62.0kg
138 130 470	168mm (Galvanised with Lift Assist)	8.0kg (approx.)	65.5kg
138 130 473	168mm (Galvanised and Colour with Lift Assist)	8.0kg (approx.)	65.5kg

Accessories & installation parts

138 811 290	Spare key (please specify key number/product)
138 810 598	AUTOPA Red & White Chevron Reflective Label

Product details

900mm Tall (When raised).

1250mm Below Ground.

Galvanised or galvanised and coated finish.

Installation & use

It is recommended that posts are placed no further than 1,200mm apart to ensure no vehicle may pass between the raised posts.

An excavated hole of approximately 1,400mm deep and 300mm diameter is required for installation. Provision for suitable drainage must be made (chippings or similar) at the bottom of the hole. The uppermost 3-400mm must be concrete.

The lid of the post should be no more than 10mm above finished ground level.

Keep the sliding post clean and occasionally lubricate the lock with Ambersil 40+ or similar.

This product is guaranteed for 12 months (*if installed and used correctly*).



The AUTOPA RetractaPost-GL 900

The RetractaPost-GL offers a highly effective and robust way to protect premises and vehicles. The RetractaPost-GL is raised and lowered vertically and is 900mm tall when raised. Due to the heavy weight of the post it includes AUTOPA's lift assist system which greatly reduces the lift up weight of the product and controls the post when lowering (114mm is available with or without lift assist).

When lowered the post is fully below ground and covered using the integral lid. The post is lockable in the raised position by rotating the post 45° and then pressing the high-security push button 7-pin security lock. The post is unlocked using the supplied key, rotated and then lowered.

The RetractaPost-GL is ideal for protecting vehicle forecourts, commercial premises, car parks and domestic driveways.

Product Range

Order Code	Description	Lift-up Weight	Weight
138 130 438	101mm (Stainless Grade 304)		
138 130 449	114mm (Stainless Grade 304)	7.4kg	42.7kg
138 130 459	114mm (Stainless Grade 304 with Lift Assist)	4.0kg (approx.)	45.9kg
138 130 469	139mm (Stainless Grade 304 with Lift Assist)	6.0kg (approx.)	50.6kg
138 130 479	168mm (Stainless Grade 304 with Lift Assist)	6.0kg (approx.)	51.5kg

Accessories & installation parts

138 811 290 Spare key (please specify key number/product)

Product details

900mm Tall (When raised).

1250mm Below Ground.

Galvanised or galvanised and coated finish.

Installation & use

It is recommended that posts are placed no further than 1,200mm apart to ensure no vehicle may pass between the raised posts.

An excavated hole of approximately 1,400mm deep and 300mm diameter is required for installation. Provision for suitable drainage must be made (chippings or similar) at the bottom of the hole. The uppermost 3-400mm must be concrete.

The lid of the post should be no more than 10mm above finished ground level.

Keep the sliding post clean and occasionally lubricate the lock with Ambersil 40+ or similar.

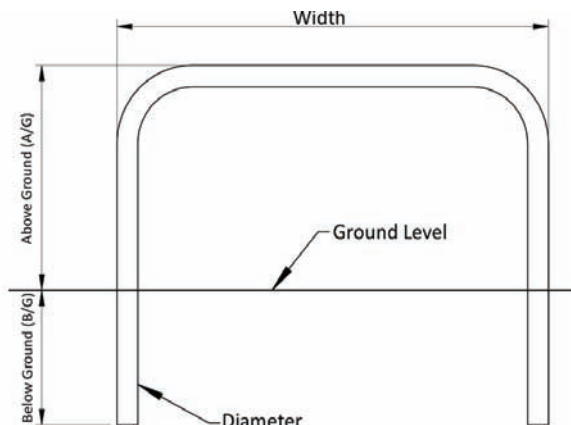
This product is guaranteed for 12 months (if installed and used correctly).



Hooped Perimeter Barrier

48mm Diameter

Galvanised, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Available as galvanised as standard. Stainless steel, galvanised and colour coated available extra. Tube diameters 48mm, 60mm, 76mm & 90mm available.



<u>Part Number</u>	<u>Description. Height above ground x overall width</u>	<u>Weight (kg)</u>
138 174 828	500 x 500	
138 174 830	500 x 1000	
138 174 834	500 x 1500	
138 174 833	500 x 2000	
138 174 851	750 x 1000	
138 174 857	750 x 1500	
138 174 863	750 x 2000	
138 174 865	1000 x 1000	
138 174 873	1000 x 1500	
138 174 880	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- 48mm Diameter Galvanised Steel Tube
- Colour coated options available extra

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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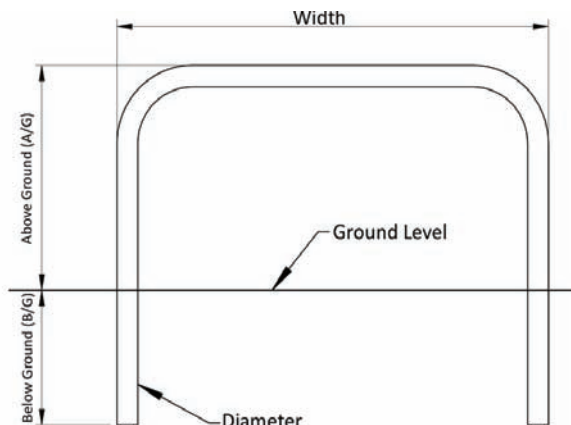




Hooped Perimeter Barrier

48mm Diameter

Stainless Steel, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Galvanised, Stainless steel, galvanised and colour coated available. Tube diameters 48mm, 60mm, 76mm & 90mm available.



Part Number	Description. Height above ground x overall width	Weight (kg)
138 205 098	500 x 500	
138 205 118	500 x 1000	
138 205 114	500 x 1500	
138 205 110	500 x 2000	
138 205 142	750 x 1000	
138 205 138	750 x 1500	
138 205 134	750 x 2000	
138 205 128	1000 x 1000	
138 205 124	1000 x 1500	
138 205 120	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- Grade 316 available extra
- 48mm Diameter Stainless Steel Tube Grade 304
- Brushed finish

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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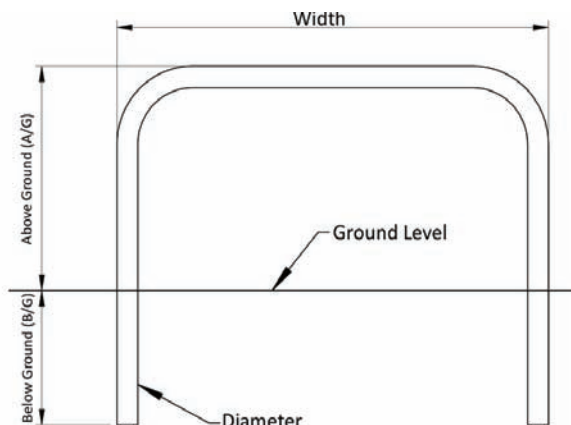




Hooped Perimeter Barrier

60mm Diameter

Galvanised, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Available as galvanised as standard. Stainless steel, galvanised and colour coated available extra. Tube diameters 48mm, 60mm, 76mm & 90mm available.



<u>Part Number</u>	<u>Description, Height above ground x overall width</u>	<u>Weight (kg)</u>
138 176 038	500 x 750	
138 176 044	500 x 1000	
138 176 050	500 x 1500	
138 176 056	500 x 2000	
138 176 064	750 x 1000	
138 176 070	750 x 1500	
138 176 076	750 x 2000	
138 176 084	1000 x 1000	
138 176 090	1000 x 1500	
138 176 096	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- 60mm Diameter Galvanised Steel Tube
- Colour coated options available extra

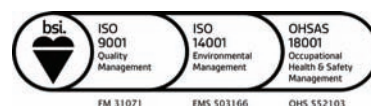
Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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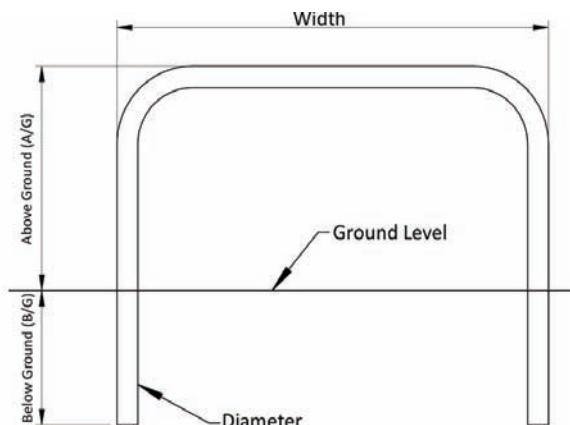




Hooped Perimeter Barrier

60mm Diameter

Stainless Steel, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Galvanised, Stainless steel, galvanised and colour coated available. Tube diameters 48mm, 60mm, 76mm & 90mm available.



Part Number	Description, Height above ground x overall width	Weight (kg)
138 205 241	500 x 750	
138 205 239	500 x 1000	
138 205 235	500 x 1500	
138 205 231	500 x 2000	
138 205 224	750 x 1000	
138 205 220	750 x 1500	
138 205 216	750 x 2000	
138 205 209	1000 x 1000	
138 205 205	1000 x 1500	
138 205 201	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- Grade 316 available extra
- 60mm Diameter Stainless Steel Tube Grade 304
- Brushed finish

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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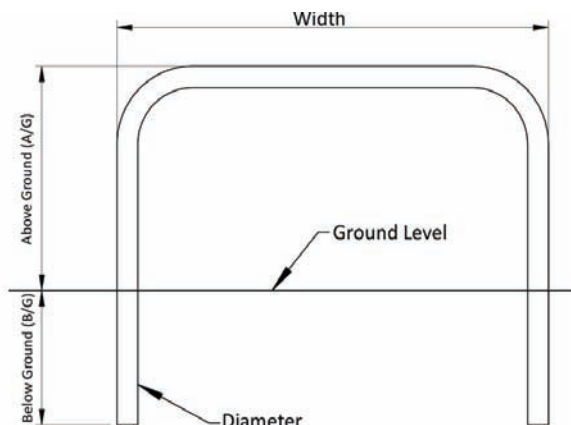




Hooped Perimeter Barrier

76mm Diameter

Galvanised, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Available as galvanised as standard. Stainless steel, galvanised and colour coated available extra. Tube diameters 48mm, 60mm, 76mm & 90mm available.



<u>Part Number</u>	<u>Description, Height above ground x overall width</u>	<u>Weight (kg)</u>
138 177 666	500 x 750	
138 177 680	500 x 1000	
138 177 684	500 x 1500	
138 177 688	500 x 2000	
138 177 664	750 x 1000	
138 177 670	750 x 1500	
138 177 676	750 x 2000	
138 177 660	1000 x 1000	
138 177 656	1000 x 1500	
138 177 650	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- 76mm Diameter Galvanised Steel Tube

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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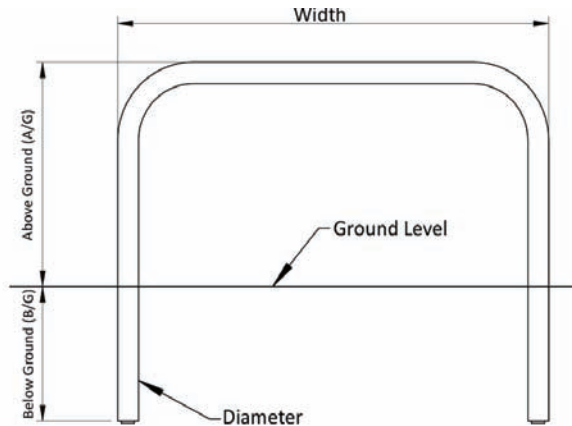




Hooped Perimeter Barrier

76mm Diameter

Stainless Steel, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Galvanised, Stainless steel, galvanised and colour coated available. Tube diameters 48mm, 60mm, 76mm & 90mm available.



Part Number	Description, Height above ground x overall width	Weight (kg)
138 205 341	500 x 750	
138 205 339	500 x 1000	
138 205 335	500 x 1500	
138 205 331	500 x 2000	
138 205 324	750 x 1000	
138 205 320	750 x 1500	
138 205 316	750 x 2000	
138 205 309	1000 x 1000	
138 205 305	1000 x 1500	
138 205 301	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- Grade 316 available extra
- 76mm Diameter Stainless Steel Tube Grade 304
- Brushed finish

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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+44 (0)1788 550556

AUTOPA Limited
Cottage Leap, Rugby, Warwickshire CV21 3XP

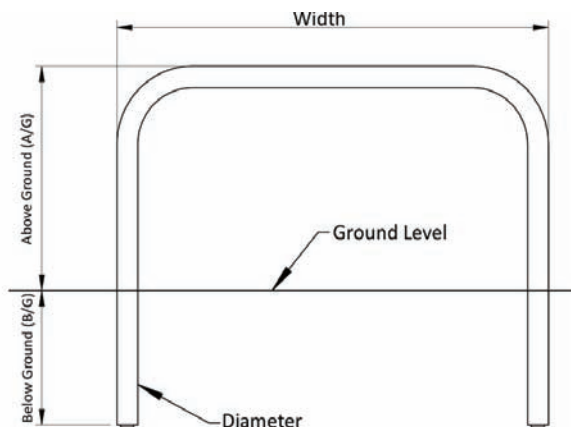




Hooped Perimeter Barrier

90mm Diameter

Galvanised, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Available as galvanised as standard. Stainless steel, galvanised and colour coated available extra. Tube diameters 48mm, 60mm, 76mm & 90mm available.



<u>Part Number</u>	<u>Description, Height above ground x overall width</u>	<u>Weight (kg)</u>
138 178 950	500 x 750	
138 178 951	500 x 1000	
138 178 956	500 x 1500	
138 178 962	500 x 2000	
138 178 966	750 x 1000	
138 178 972	750 x 1500	
138 178 978	750 x 2000	
138 178 981	1000 x 1000	
138 178 987	1000 x 1500	
138 178 993	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- 90mm Diameter Galvanised Steel Tube

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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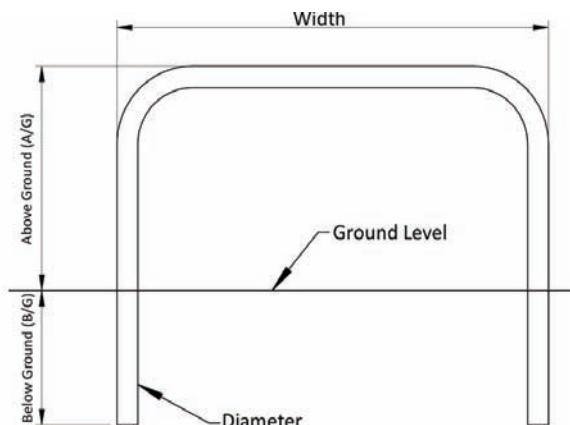




Hooped Perimeter Barrier

90mm Diameter

Stainless Steel, Concrete In



Perimeter Barriers are designed to help secure site perimeters and provide a permanent obstacle to vehicle access, to mark boundaries, define trolley parks and protect vulnerable door entrances and exits.

Suited to sites where aesthetics and security are equally important, perimeter barriers are commonly found outside car showrooms acting as protection for the cars on the forecourt without impeding a customer's view of the vehicles.

Available in a variety of heights and widths, available as concrete in, bolt down or removable for occasional access.

Galvanised, Stainless steel, galvanised and colour coated available. Tube diameters 48mm, 60mm, 76mm & 90mm available.



Part Number	Description, Height above ground x overall width	Weight (kg)
138 205 441	500 x 750	
138 205 439	500 x 1000	
138 205 435	500 x 1500	
138 205 431	500 x 2000	
138 205 424	750 x 1000	
138 205 420	750 x 1500	
138 205 416	750 x 2000	
138 205 409	1000 x 1000	
138 205 405	1000 x 1500	
138 205 401	1000 x 2000	

Product details

- Concrete in, 300mm below ground
- Grade 316 available extra
- 90mm Diameter Stainless Steel Tube Grade 304
- Brushed finish

Installation & use

Each leg of the barrier requires a hole of approximately 400mm³ and then concreted in for installation.
This product is guaranteed for 12 months (*if installed and used correctly*)



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The VELOPA Sheffield Cycle Stand

The tubular cycle stand, a familiar sight throughout the UK, allows the frame of the bicycle to be secured by the users own security lock. Suitable for securing two bicycles.

The practical and durable nature of the VELOPA Sheffield cycle stand ensures it has been consistently recommended by cycling groups since its introduction in the 1990's.

Shown are the galvanised and stainless flanged versions of the Sheffield Cycle Stand.

Product Range

Order Code	Description	Weight
138 200 111	Ragged (Galvanised)	9.7kg
138 200 101	Flanged (Galvanised)	8.2kg
138 200 112	Ragged (Galvanised and Black)	9.7kg
138 200 102	Flanged (Galvanised and Black)	8.2kg
138 200 105	Ragged (Galvanised and Colour)	9.7kg
138 200 104	Flanged (Galvanised and Colour)	8.2kg
138 200 107	Ragged (Stainless Grade 304)	6.3kg
138 200 106	Flanged (Stainless Grade 304)	5.6kg

Accessories and installation parts

138 100 994	M12 Expanding Bolt (6 required per stand)
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Product details

750mm x 800mm (Height x Length)

48mm outside diameter tube.

300mm below ground (Ragged only)

Installation & use

Flanged versions require bolting to established concrete of at least 300mm³ by means of six 12mm bolts per stand. Ragged versions require setting with concrete into a hole of at least 300mm x 300mm x 300mm (length x width x depth)

Allow 800-1,000mm between stands and a minimum of 450mm from any obstruction.

This product is guaranteed for 12 months (*if installed and used correctly*).



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The VELOPA Bowland Cycle Shelter

The Bowland shelter is a free-standing, single sided cycle shelter designed for on site assembly, constructed from galvanised steel and PET sheet. The frame is made entirely from galvanised mild steel; the uprights are 76mm round tube and the roof frame is 50mm square tube. The roof is 4mm clear sheet.

The rolled round tube legs offer an elegant yet strong frame that emphasises the modern aesthetic of the shelter, the Bowland shelter is an ideal basis for sheltered cycle parking needs in public spaces.

Options

Order Code	Description	Weight
138 204 461	2m Main Bay (Flanged)	222.0kg
138 204 451	3m Main Bay (Flanged)	268.0kg
138 204 454	4m Main Bay (Flanged)	313.0kg
138 204 463	5m Main Bay (Flanged)	358.0kg
138 204 462	2m Extension Bay (Flanged)	149.0kg
138 204 452	3m Extension Bay (Flanged)	194.0kg
138 204 455	4m Extension Bay (Flanged)	239.0kg
138 204 464	5m Extension Bay (Flanged)	285.0kg

Accessories & installation parts

138 101 010	Pack of 16 16mm Expanding anchor bolts (for fixing 3-5m)
138 101 012	Pack of 24 16mm Expanding anchor bolts (for fixing 6-8m)
138 101 014	Pack of 32 16mm Expanding anchor bolts (for fixing 9-10m)

Product details

Front Height: 2,500mm
Rear Height: 1,350mm
Depth: 2,600mm
Width: 2m-10m
76mm round and 50mm square galvanised steel tube
4mm clear PET sheet

Installation & use

Each shelter leg requires bolting down to a suitable concrete surface (not less than 1,600mm x 500mm x 400mm) by means of eight 16mm anchor bolts. The area surrounding the installation must be flat and level with no nearby surface irregularities or gradient changes.

On-site assembly requires construction skill.

This product is guaranteed for 12 months (if installed and used correctly).



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The VELOPA Cambourne Cycle Shelter

The Cambourne shelter is a free-standing, single sided cycle shelter designed for on site assembly, constructed from galvanised steel and PET sheet. The frame is made entirely from galvanised mild steel; the uprights are 76mm round tube and the roof frame is 50mm square tube. The roof is 4mm clear sheet.

A variation of the classic VELOPA Cambridge style shelter, the Cambourne shelter provides a core element of a BREEAM compliant cycle parking solution.

Options

Order Code	Description	Weight
138 204 261	2m Main Bay (Flanged)	208.0kg
138 204 251	3m Main Bay (Flanged)	253.0kg
138 204 254	4m Main Bay (Flanged)	298.0kg
138 204 263	5m Main Bay (Flanged)	344.0kg
138 204 262	2m Extension Bay (Flanged)	142.0kg
138 204 252	3m Extension Bay (Flanged)	187.0kg
138 204 255	4m Extension Bay (Flanged)	232.0kg
138 204 264	5m Extension Bay (Flanged)	278.0kg

Accessories & installation parts

138 101 010	Pack of 16 16mm Expanding anchor bolts (for fixing 3-4m)
138 101 012	Pack of 24 16mm Expanding anchor bolts (for fixing 6-8m)
138 101 014	Pack of 32 16mm Expanding anchor bolts (for fixing 9-10m)

Product details

Front Height: 2,150mm
Rear Height: 1,350mm
Depth: 2,700mm
Width: 2m-10m
76mm round and 50mm square galvanised steel tube
4mm clear PET sheet

Installation & use

Each shelter leg requires bolting down to a suitable concrete surface (not less than 1,600mm x 500mm x 400mm) by means of eight 16mm anchor bolts. The area surrounding the installation must be flat and level with no nearby surface irregularities or gradient changes.

On-site assembly requires construction skill.

This product is guaranteed for 12 months (if installed and used correctly).



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The AUTOPA P Series Automatic Rising Arm Barrier

With fast operating speeds, the AUTOPA P Series Automatic Arm Barrier is ideal for controlling access to car parks and commercial sites.

Designed for entrances up to 5 metres wide, the barrier is compatible with a variety of different control mechanisms including remote controls, keypads and swipe cards. Manufactured from high quality aluminium, this system has an IP54 protection rating.

Manual Override Handles are included for power failure or manual operation. Additional Manual Override Switches can be added to programme the barrier allowing it to remain in the open or closed positions.

Product Range

Order Code	Description	Weight
138 105 025	2.5 metres Automatic Arm Barrier (boom is included)	57.0 kg
138 105 030	3.0 metres Automatic Arm Barrier (boom is included)	58.0 kg
138 105 035	3.5 metres Automatic Arm Barrier (boom is included)	58.0 kg
138 105 040	4.0 metres Automatic Arm Barrier (boom is included)	59.0 kg
138 105 050	5.0 metres Automatic Arm Barrier (boom is included)	60.0 kg

(All sizes are measured from the front of the Barrier cabinet to the end of the Barrier Arm)

Accessories and installation parts

138 105 931	Fixed Catch Post	
138 105 025	2.5 metres Replacement Boom	3.8 kg
138 105 030	3.0 metres Replacement Boom	4.5 kg
138 105 035	3.5 metres Replacement Boom	5.0 kg
138 105 040	4.0 metres Replacement Boom	5.8 kg
138 105 050	5.0 metres Replacement Boom	10.0 kg

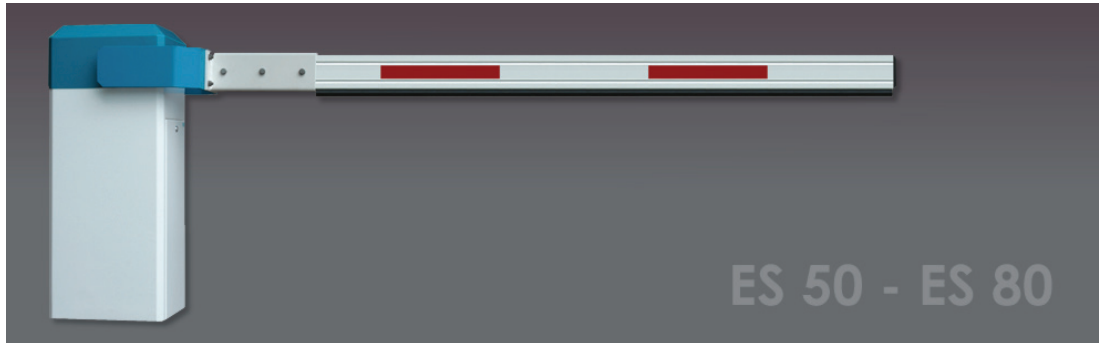
All versions can be colour coated upon request (please specify BS/RAL numbers)
Standard blue (RAL 5012), white (RAL 9010)

Product details

1100mm (approx.) overall height.
Width 360mm, Length 300mm (approx)
Boom lengths from 2.5m - 5.0m
Operating Speed 0.9-3.8 seconds

Installation & use

All Automatic Rising Arm Barrier Systems must only be installed by experienced and trained personnel.
The barrier cabinet requires bolting to a suitable concrete foundation of at least 800mm deep and approximately 550mm².
Provision for control and power cabling should be made through plastic ducting.
This product is guaranteed for 12 months (if installed and used correctly).



The AUTOPA ES50 - ES80 Automatic Rising Arm Barrier

The AUTOPA ES50 - ES80 range of Automatic Rising Arm Barriers are suitable for road widths between 4.5m and 8.0m. These highly reliable, aluminium, powder coated case with a 10 year warranty against rust perforation and a 100% duty cycle, meaning they are suitable for the most demanding constant use applications.

Each barrier is controlled by a highly configurable electronic barrier controller which can integrate a complete range of control and safety components. All barriers are supplied with an aluminium barrier arm with red reflective bands and a rubber tube underside.

The design of the ES50 - ES80 barriers incorporates a number of features to ensure safety, longevity and low running costs; the mechanical design incorporates shearing points to protect the mechanical components against damage should the arm be forced, ensuring the barrier can be easily and cost-effectively repaired.

The AUTOPA Automatic Rising Arm Barriers ES50- ES80 are ideal for use at the entrance to company premises, car parks, parking garages or safety areas and are suitable for use in conjunction with a complete range of access control equipment.

Product Range

Order Code	Description	Weight
138 105 151	ES50 (5.0m Arm Barrier)	110.0kg
138 105 161	ES60 (6.0m Arm Barrier)	115.0kg
138 105 181	ES80 (8.0m Arm Barrier)	118.0kg

Accessories

138 601 212	Stabilisation Cable for ES60 & ES80
138 601 150	Skirt for ES Barrier (750mm below arm, per metre)
138 601 215	Double Height Skirt for ES Barrier (750mm below arm, 750mm above arm, per metre)

Product details

400mm x 450mm x 1,100mm. (External Dimensions)
230V / 50Hz, 2.5A. (Power Requirements)
-10°C to +70°C (Operating Temperature Range)

Installation & use

All Automatic Rising Arm Barrier Systems require installation by experienced and trained personnel. The Barrier cabinet requires bolting to a suitable concrete foundation of at least 800mm deep and approximately 650mm square. Provision for control and power cabling should be made through plastic ducting. This product is guaranteed for 12 months (if installed and used correctly).



The AUTOPA Manual Arm Barrier

The AUTOPA Manual Arm barrier has a slimline design and is suitable for use protecting car parks and other entrances to commercial property sites. This barrier is ideal for areas where access only needs to be restricted during certain times of the day. The barrier can be locked in the raised and lowered positions offering complete peace of mind when the parking area is not in use.

Manufactured from galvanised mild steel with an aluminium boom, the body of the barrier is powder coated blue as standard. Other colours are available on request, RAL codes must be stated at time of order. Pogo sticks, folding skirts and double span barriers are available on request. **Locking the Manual Arm Barrier at the Catch Post is an additional option, please state at the time of order if this is required.**

Product Range

Order Code	Description	Weight
138 106 330	3.0m Manual Rising Arm Barrier	49.0kg
138 106 340	4.0m Manual Rising Arm Barrier	50.0kg
138 106 350	5.0m Manual Rising Arm Barrier	59.0kg
138 106 360	6.0m Manual Rising Arm Barrier	70.0kg
138 106 370	7.0m Manual Rising Arm Barrier	80.0kg
Accessories and installation parts		
138 106 380	Fixed Catch Post	6.9kg
138 106 381	Skirt (Per metre)	
138 106 384	Removable Catch Post	11.5kg
138 100 385	Double Removable Catch Post	13.5kg
138 106 383	Pogo Stick	
138 100 991	M16 Expanding Bolt (4 required per barrier)	
138 100 994	M12 Expanding Bolt (4 required per catch post)	
138 500 686	Locking pin	

Product details

1200mm (approx) overall height

Arm lengths from 3.0m - 7.0m

Ragged version 600mm below ground for barrier and 300mm below ground for catch post

Installation & use

Flanged barriers require bolting down onto a suitable concrete surface by means of four M16 bolts.

Flanged catch posts require bolting down onto a suitable concrete surface by means of four M12 bolts.

The type of bolt required for bolting down is dependent on ground conditions.

The barrier must be either ragged into or bolted onto a concrete foundation at least 600mm³. Allow 50-55mm of chipping for drainage. The catch post must be either ragged into or bolted onto a concrete foundation at least 300mm³. Allow 50-55mm of chipping for drainage.

This product is guaranteed for 12 months (*if installed and used correctly*).