Cantilever Gate Hardware

Cantilever Gate Systems are a fantastic solution for high traffic, high security applications when controlling both pedestrian and vehicle access.

Its main benefit is how a gate can span openings of up to 18m in length with a single gate panel, yet requires no floor mounted tracks that are susceptible to damage or a build up of debris.

By using high capacity and beautifully engineered rollers mounted to the side of the opening in conjunction with a track mounted to the underside of a gate, the gate passes over the rollers effortlessly and comes to a stop into a specially designed end stop. This then also holds the gate firmly in position and can be combined with a high security lock. Guidance at the top of the gate is achieved by mounting a Guide Roller which is mounted on a post midway between the gates start and stop points.

We are also pleased to announce that the new lighter duty 800 series system is available to order. This is ideal for a more a light commercial or residential application with a max weight capacity of 300kg and a maximum opening of 5 metres.

Kits are available that consist of 2x Roller Units, 2x Guide Rollers, 2x End Stops and a Roller Guide Unit. Track is sold separately and comes in either 3 or 6 metre lengths.

Fixing Plates and Bolts are also available.

Series 800, 900, 1000 & 2000

<table>
<thead>
<tr>
<th>Series 800</th>
<th>Max gate weight:</th>
<th>300kg</th>
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<tbody>
<tr>
<td>Max opening width:</td>
<td>5 meters</td>
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<table>
<thead>
<tr>
<th>Series 900</th>
<th>Max gate weight:</th>
<th>450kg</th>
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<tbody>
<tr>
<td>Max opening width:</td>
<td>7 meters</td>
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<table>
<thead>
<tr>
<th>Series 1000</th>
<th>Max gate weight:</th>
<th>600kg</th>
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<tbody>
<tr>
<td>Max opening width:</td>
<td>10 meters</td>
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<thead>
<tr>
<th>Series 2000</th>
<th>Max gate weight:</th>
<th>1200kg</th>
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<tbody>
<tr>
<td>Max opening width:</td>
<td>14 meters</td>
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Series 3000L

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<thead>
<tr>
<th>Series 3000L</th>
<th>Max gate weight:</th>
<th>1800kg</th>
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<tbody>
<tr>
<td>Max opening width:</td>
<td>16 meters</td>
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Series 3000

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<thead>
<tr>
<th>Series 3000</th>
<th>Max gate weight:</th>
<th>1800kg</th>
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<tr>
<td>Max opening width:</td>
<td>18 meters</td>
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</table>
FAC have a large range of tracked sliding hardware to suit most requirements which includes Gate Wheels, Guide Rollers, Gate Stops and Rail Profiles. A new innovation is our 2 or 3 leaf Telescopic Gate Kits which allow for a much smaller space adjacent to the opening. Kits do not include Rollers or Tracks. For further details please call our sales office.

**Standard Sliding Gate**

**2 Leaf Telescopic Gate Kit**

**3 Leaf Telescopic Gate Kit**

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**Galvanised Wheel with Internal Support Bracket**
Available with 1/2 round and V groove profiles and in various weight capacities up to 700kg per pair.

**Galvanised Wheel with External Support Bracket**
Available with 1/2 round and V groove profiles and in various weight capacities up to 400kg per pair.

**Galvanised Wheel with Bearings**
Available with 1/2 round and V groove profiles and in various weight capacities up to 700kg per pair.

**816/820 Half Round Galvanised Steel Rail**
For setting into concrete. Available in both 3m and 6m lengths.

**716/720 Half Round Galvanised Steel Rail**
Surface fixing. Available in both 3m and 6m lengths.

**701 "V" Galvanised Steel Rail**
Surface fixing. Available in both 3m and 6m lengths.

**Side Mounted Guide Brackets**
Available with 4 roller adjustment and with extended side mounting plate. Check website for full range.

**Single Wheel Guide Rollers**
Available in various sizes, with bolt fixing. "C" bracket fixing and with cover. Check website for full range.

**Single Wheel Long Guide Rollers**
Available in various sizes, with bolt fixing or a "C" bracket fixing. Check website for full range.

**Gate Stop**
Options include base fix plate, weld fix and dampened action. Check website for full range.
The Guardian Cantilever Gate system uniquely holds its strength and remains on track, despite attack, even when the gate is partially open. The system has been tested to CE standards with a plan to gain PAS 68/69 approval. There are two Guardian Gate Kits, one is for gate up to 6000mm wide and one for gate up to 12000mm wide. Telescopic Kits are also available for Guardian and significantly reduce the amount of space required adjacent to the opening.

Standard Guardian Cantilever Gate

Opening ~ approx. 50% depending on size

2 Leaf Telescopic Guardian Cantilever Kit

Opening ~ 17% - 22% depending on size

Component Kit

1: Surface rollers
2: Guide rollers
3: Back rollers
4: Fixing template
5: Fixing template
6: Front strikes

Cantilever System Kit

Optional guide bracket
The New FAC Bi-Folding Kit

- Compact
- Can be motorised
- Easy and fast installation
- Trackless

With limited space in residential housing the FAC Bi-Fold Gate Kit is the ideal solution.

Component list

1. Central Profile
2. Column Joint
3. Leaf Joint
4. Hinge

Kit 1
for single leaf

Kit 2
for double leaves
Gate Accessories

Below is a selection of add on accessories suitable for all gate systems. These include Pull Handles, Flush Pulls, Locks & Bolts. For more technical details and to view our full range, please visit our website at www.barrier-components.co.uk or contact our sales office.

**Bow Handle**
- 561 - 230mm long
- 564 - 345mm long

**Flush Pull 511F**
- 52mm wide x 115mm high

**A = Bow Handle**
- 531 - 180mm centres
- 534 - 280mm centres

**Sliding Gate Lock 350**
- 60mm backset
- 25mm wide faceplate

**B = D Handle**
- 280mm centres

**Flush Pull 501F**
- 90mm wide x 200mm high

**Lock Box**
- Suits 350 sliding gate lock

**A = Strike Plate**
- Suits 350 sliding gate lock

**Auto Bolt 42**
- 306mm long

**B = Strike Box**
- Suits 350 sliding gate lock

**A = Padbolt 285**
- 183mm long 45mm high

**B = Padbolt 286**
- 180mm long 57mm high

Barrier Components Ltd., established in 1987, is now one of the leading UK stockists of quality architectural hardware, supplying products to both commercial and residential markets. We provide a one-stop shop for weather seals, brush strips, glass hardware, sliding door hardware, gate hardware, shower hardware, swing doors and much more. Check out our website to download our other product brochures.