Accommodates up to 4000 lbs with a 59 ft opening

High Performance Cantilever Gate Hardware

Manufactured in Italy by

COMUNELLO
LIFE MADE EASY

A division of Architectural Iron Designs, Inc.

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Fax: (908) 757-3439 | www.duragates.com | info@duragates.com
The COMUNELLO Cantilever gate hardware offers a professional solution which avoids many of the maintenance problems with traditional sliding gates and satisfies your requirements for installing a cantilever gate, even with complicated applications or large dimensions. It is the perfect choice, with its complete line of accessories and a product configurator to calculate the correct dimensions for the gate. Moreover, the hardware can be used on any gate material. Steel / Aluminum / Stainless Steel / Wood / Chainlink / Vinyl.

Shown: 350.8 Professional Range Accommodates up to 4,000 lbs. or up to 59 ft. opening.

Benefits
- Higher weight capacity
- Works with any gate material
- Smaller overall gate length
- Reduces load on gate operator
- Low maintenance
- Minimal visible hardware
- Cost effective compared to traditional cantilever hardware
- Easy to install
- Durable even for high traffic applications

NOTE: WE ONLY SUPPLY THE HARDWARE, NOT THE GATE ITSELF

Call us at:
800-784-7444
for FREE assistance in configuring the specifications for your cantilever gate project.
### Weight & Opening Range

<table>
<thead>
<tr>
<th>Model</th>
<th>CGS - 350.8G</th>
<th>CGS - 350.8P</th>
<th>CGS - 250.8P</th>
<th>CGS - 250.8M</th>
<th>CGA 350 P (Aluminum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Range</td>
<td>Up to 4050 lb. Opening of 59.4 ft</td>
<td>Up to 1700 lb. Opening of 26.4 ft</td>
<td>Up to 1300 lb. Opening of 19 ft</td>
<td>Up to 900 lb. Opening of 13 ft</td>
<td>Up to 708 lb. Opening of 26.4 ft</td>
</tr>
</tbody>
</table>

### Carriages

<table>
<thead>
<tr>
<th>Model</th>
<th>CGS-350.8G (Large Carriage)</th>
<th>CGS-350.8P (Medium Carriage)</th>
<th>CGS-250.8P (Medium Carriage)</th>
<th>CGS-250.8M (Small Carriage)</th>
<th>CGA-350P (For Aluminum Gate) 5 Nylon Wheels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monobloc Body</td>
<td>CGS-350.8G Large Carriage Monobloc Body</td>
<td>CGS-350.8P Medium Carriage Monobloc Body</td>
<td>CGS-250.8P Medium Carriage Multiplate Body</td>
<td>CGS-250.8M Small Carriage Multiplate Body</td>
<td>CGA-350P Aluminum Track</td>
</tr>
</tbody>
</table>

### Tracks

<table>
<thead>
<tr>
<th>Model</th>
<th>CGS-345G (Large Galvanized Track)</th>
<th>CGS-345P (Medium Galvanized Track)</th>
<th>CGS-245P (Medium Galvanized Track)</th>
<th>CGS-245M (Small Galvanized Track)</th>
<th>CGA-345P (Aluminum Track)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galvanized Track</td>
<td>CGS-345G Large Galvanized Track</td>
<td>CGS-345P Medium Galvanized Track</td>
<td>CGS-245P Medium Galvanized Track</td>
<td>CGS-245M Small Galvanized Track</td>
<td>CGA-345P Aluminum Track</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>CGS-347G (End Wheel for Track)</th>
<th>CGS-347P (End Wheel for Track)</th>
<th>CGS-347P (End Wheel for Track)</th>
<th>CGS-347M (End Wheel for Track)</th>
<th>CGS-347P (End Wheel for Track)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS-346G (Bottom End Cup for Track)</td>
<td>CGS-346G Bottom End Cup for Track</td>
<td>CGS-346P Bottom End Cup for Track</td>
<td>CGS-346P Bottom End Cup for Track</td>
<td>CGS-346M Bottom End Cup for Track</td>
<td>CGS-346P Bottom End Cup for Track</td>
</tr>
<tr>
<td>Upper Adjustable End Cup</td>
<td>CG-30G Upper Adjustable End Cup</td>
<td>CG-30P Upper Adjustable End Cup</td>
<td>CG-30P Upper Adjustable End Cup</td>
<td>CG-30M Upper Adjustable End Cup</td>
<td>CG-30P Upper Adjustable End Cup</td>
</tr>
</tbody>
</table>

### Anchoring and Installation Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>CG-348-M20 (Threaded Tie Rod for Carriage)</th>
<th>CG-348-M16 (Threaded Tie Rod for Carriage)</th>
<th>CG-348-M16 (Threaded Tie Rod for Carriage)</th>
<th>CG-348-M16 (Threaded Tie Rod for Carriage)</th>
<th>CG-348-M16 (Threaded Tie Rod for Carriage)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation Plate</td>
<td>CG-05G Foundation Plate</td>
<td>CG-05P Foundation Plate</td>
<td>CG-05P Foundation Plate</td>
<td>CG-05P Foundation Plate</td>
<td>CG-05P Foundation Plate</td>
</tr>
</tbody>
</table>

### CGI-40

Tension Bars - Stainless Steel

*Used for minor adjustment when gate sags*

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**GUIDE OPTIONS**

- **Adjustable guiding plate**
  - 255-220 For 1¼" - 2½" frame
  - 255-350 For 2½" - 3¼" frame
  - CG-251 For 2½" - 4½" frame

- **Adjustable support roller**
  - CG-252
  - Monorail for CG-252
  - CG-254

- **10" nylon roller for support**
  - CG-253

*Can be used for gates with an arch*
Frequently Asked Questions

Q: Where do I start?
A: The first step is to think about what kind of gate design and gate material you want. The advantage of using our hardware is that you can use practically any gate design with any gate material. Then, let us know the size of the opening and the approximate weight of just the opening part of the gate. We will then go from here in order for us to help you configure the overall gate dimensions.

Q: I have seen most cantilever track with a top track system. What are the advantages of the Duragates system over the top track system?
A: There are several advantages actually.
- First of all, the weight of the gate is transferred to the ground, hence it can bear a lot more load than a top track. Besides there are less chances of the track bending/buckling.
- You can use any gate material versus mainly steel/aluminum for the top track system.
- You can design any gate shape versus only a straight gate for the top track.
- Performs better in the snow.
- Looks much better versus the industrial look of the top track system.
- Our system needs a smaller counterbalance versus the top track thus reducing the overall gate length.
- We encourage installing the carriages to a post as it will not be able to bear a high load and will also cause problems once the post starts to shift. In fact the system is designed to avoid all the problems associated with mounting the carriages to a post. We realize that there is an added cost involved in making a foundation. However for light duty applications, many of our customers have been able to post mount the carriages or not pour a foundation. Once you understand how the system works, please use your judgment to determine what could work in your application.

Q: I don’t know the weight of my gate. Where do I go from here?
A: We urge you to at least roughly estimate the weight of the gate based on the materials and design used. It is an important starting point in order for us to help you configure the overall gate dimensions.

Q: My gate is very small. Can I use your system?
A: Absolutely. Our system can be used for openings as small as 2 to 3 ft in residential and even indoor applications. You don’t need to pour a foundation for small gates/doors such as these. See our project gallery for examples.

Q: Which gate operator can I use?
A: Our system is totally independent of the gate operator. You can use a gate operator of your choice. In fact the face of the bottom track provides a nice surface to mount the gear rack to (for rack/pinion type operators). The track slides very smoothly on the carriages thereby reducing the load on the operator.

Q: Can I use any gate material?
A: Yes, you can use practically any gate material as long as you can mechanically attach the gate to the bottom track. In case of a steel or aluminum gate you can just weld the gate to the track, or even use the track itself as the bottom frame of the gate.

Q: The system looks very simple. What am I missing?
A: You are not missing anything! The system is actually very simple. Just a track, 2 wheels and some related accessories. Not just that, it is also very aesthetically appealing with minimal visible hardware.

Q: I live in very heavy snow conditions. How does it perform in these conditions?
A: The product actually works better in the snow than most traditional sliding gate hardware systems.
- The wheels are always covered with the track, hence you never have to clean the wheels.
- There are no exposed rollers unlike some other cantilever systems.
- The path of the gate travels has to be cleared of snow, which would have to be done for any gate.
- You may have to adjust the foundation depth based on the frost line in your local area.

Q: Can I install the carriages on a post instead of on the ground?
A: We highly discourage installing the carriages on the post as it will not be able to bear a high load and will also cause problems once the post starts to shift. In fact the system is designed to avoid all the problems associated with mounting the carriages to a post. We realize that there is an added cost involved in making a foundation. However for light duty applications, many of our customers have been able to post mount the carriages or not pour a foundation. Once you understand how the system works, please use your judgment to determine what could work in your application.

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Q: What kind of maintenance does it require?
A: None really. The carriages have sealed bearings. Depending on usage the bearings may wear out eventually and is then advisable to replace the entire carriage. If you ever want to service the gate, simply remove the end caps and slide the gate off the track.

Q: How much effort will I need to operate the gate?
A: The track slides very smoothly on the carriages and you can operate the gate with just one hand. Of course, depending on the weight of the gate and the application you may want to install a gate operator. Due to the smooth operation, the load on the operator is also reduced.

Q: Can the gate travel at an incline?
A: Unfortunately that is one application where the system won’t work. The carriages have to be installed horizontally and in one line. However, since it is cantilevered off the ground, the ground itself can be at an incline. You just have to install the gate high enough to clear the highest point on the ground.

Q: What is the maximum weight the system can handle?
A: The system can handle up to 500 lb. However, it is designed to avoid all the problems associated with mounting the carriages to a post. We realize that there is an added cost involved in making a foundation. However for light duty applications, many of our customers have been able to post mount the carriages or not pour a foundation. Once you understand how the system works, please use your judgment to determine what could work in your application.

Q: I don’t understand the operator. What do I use for the top guide?
A: For arched and other gate shapes we recommend using the monorail CG-254 and the roller CG-252. This galvanized steel monorail can be installed horizontally somewhere along the full length of the gate and will provide adequate support.
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