Cimbria belt conveyor type GF is a partially enclosed construction designed for continuously conveying bulk materials. The flat profile belt is particularly suitable for light transport of loose bulk products such as ear corn. The conveyor may be arranged for horizontal or inclined travel, the angle of slope depending on the character of the goods conveyed and the type of belt.

Standard configuration:
- Antistatic conveyor belt.
- Rubber lagged drive pulley.
- Hollow shaft gearmotor.
- Manual take-up device at tail end.
- Idlers in steel.
- Sealing strips along the length of the load carrying side of the belt.
- Outlet at driving section.

Additional features:
- Oil resistant conveyor belt.
- FDA compliant conveyor belt.
- Conveyor belt with cleats, crescents or flights.
- Reversible operation (outlet at driving and tension section).
- Configuration for ATEX zone 22 and zone 21; internal/external.

Optional equipment:
- Top covers.*
- Bottom covers (perforated or imperforated).*
- Inlets anywhere along the length of the conveyor except in the tension and driving sections.
- Backstop.*
- Bearing temperature sensing.
- Belt misalignment detector (data sheet 20.3).*
- Shaft rotation sensing (data sheet 49).*
- Pull-cord operated emergency stop switch.
- Support system (data sheet 34.6)

Type of Configuration:

** If the inclination is higher than 20°, flights are applied to the belt. In these cases the height (E) is different than mentioned in the table.

*** Assumed no extra load from e.g. bin unload feeder.

### Modular sections allowing for a wide variety of configurations:

<table>
<thead>
<tr>
<th>Type</th>
<th>GF400</th>
<th>GF500</th>
<th>GF650</th>
<th>GF800</th>
<th>GF1000</th>
<th>GF1200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive section, excl. gear-motor kg</td>
<td>285</td>
<td>290</td>
<td>301</td>
<td>310</td>
<td>345</td>
<td>395</td>
</tr>
<tr>
<td>Tension section kg</td>
<td>156</td>
<td>170.5</td>
<td>212</td>
<td>220</td>
<td>245</td>
<td>278.5</td>
</tr>
<tr>
<td>Intermediate section, empty, no cover, high sides kg/m</td>
<td>67</td>
<td>74</td>
<td>75.5</td>
<td>96</td>
<td>109</td>
<td>123</td>
</tr>
<tr>
<td>Cover on intermediate section kg/m</td>
<td>8.5</td>
<td>10</td>
<td>12</td>
<td>15</td>
<td>17.5</td>
<td>20</td>
</tr>
<tr>
<td>Max. distance between support *** m</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>