Cimbra Belt Conveyors type GV are fitted with rubber conveyor belt suitable for the transportation of dry material such as grain etc. It can be delivered with oil- and fat resistant belt. All types of conveyors are fitted with a rubber belt with wearing surface and are supported by ball bearing mounted steel rollers. Type GV is trough formed and runs on triple supporting rollers. The trough formed conveyor belt gives a large capacity in relation to the width of the belt.

The conveyor belts with normal discharge at the end (i.e. without discharge car) are normally supplied with outlet spout for connecting Cimbra Q-pipes. The below indicated outputs per hour are maximum and are only applicable for dry and cleaned grain. Other materials and use of the discharge car will reduce the output per hour.

<table>
<thead>
<tr>
<th>Type</th>
<th>GV65</th>
<th>GV80</th>
<th>GV100</th>
</tr>
</thead>
<tbody>
<tr>
<td>m³/h</td>
<td>200</td>
<td>330</td>
<td>530</td>
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</tbody>
</table>

The leg height “H” of the conveyor belt is supplied as required from 300 to 1100 mm (100 mm division).

For loading of grain a feeding system is supplied. This feeding arrangement consists of an inlet hopper with sealing rails against the rubber belt. The standard inlet hopper is used when there is one inlet or as the first with more inlets.

The belt conveyors are supplied for fixed erection with two through-going GV-rails on which supporting rollers as well as drive- and tension terminals are mounted. Legs delivered in heights as required up to 1100 mm support the mentioned through-going rails. The spacing of the legs is around 4 meters, however, maximum 3 meters when using a discharge car.

Distance between the supporting roller for the upper part of the conveyor belt is normally approx. 1.75 meters for flat belt and 1.5 meters for trough formed belt. The distance between the return rollers for the conveyor belt is approx. 3 meters.

The drive terminal is as standard delivered with a right mounted hollow shaft gear.

The standard speed of the transport is 2.5 m/s.

Extra equipment:
- Inlet hopper with support roller for passage (with more than one inlet)
- Cover
- Rotating brush at the discharge spout
- Oil resistant belt

Extra power for conveyor with discharge car:
- GV-65 = 1.1 kW
- GV-80 = 1.9 kW
- GV-100 = 3.1 kW

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