The GANTRAIL 1220/20 adjustable crane rail clip is designed to fix the largest rails in the most arduous applications. It can withstand a horizontal force from the rail of 235kN (24 tonnes). Its low profile allows it to be used with cranes that are fitted with guide rollers.

1220/20 clips comprise of 1220/20 base and 9220/20 cap

**FEATURES**

- The proven design has been used successfully for many years throughout the world.
- The clip is welded to the rail support. No access is required from below.
- The two main parts are locked together on tightening the grade 8.8 bolts.
- The clip has a self-tightening mechanism.
- A special vulcanised rubber block applies a controlled force to the rail.

**COMPONENTS**

1. Flange nuts
2. Clip cap with integral rubber block
3. M16 Captive bolts
4. Weldable base

**DIMENSIONS (mm):**

<table>
<thead>
<tr>
<th>REF NO.</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
<th>WEIGHT KG</th>
</tr>
</thead>
<tbody>
<tr>
<td>1220/20/40</td>
<td>40</td>
<td>49</td>
<td>33</td>
<td>2.18</td>
</tr>
<tr>
<td>1220/20/45</td>
<td>45</td>
<td>49</td>
<td>33</td>
<td>2.20</td>
</tr>
<tr>
<td>1220/20/55</td>
<td>55</td>
<td>49</td>
<td>33</td>
<td>2.24</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS:**

MAX SIDE LOAD 235kN
20mm HORIZONTAL RAIL ADJUSTMENT

**Minimum assembly width -**

- **W = Rail width (F) + 130mm**
- **V = Rail width (F) + 22mm**
- **U = Rail width (F) + 151mm**
### Installation Instructions:

Fillet weld all round the clip base using low hydrogen electrodes. Refer to table for sizes. Recommended electrodes AWS E7018 or E7028. Clip base is made from weldable grade steel.

* For rail without pad, weld closest to and parallel with the rail must be omitted. Please consult Gantrail for guidance.

**Tightening Torque 350Nm**

Please contact GANTRAIL, for full installation instructions.

### Weld Detail

RAIN EDGE

(5mm THROAT THICKNESS)

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**A world of crane rail expertise.**

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