

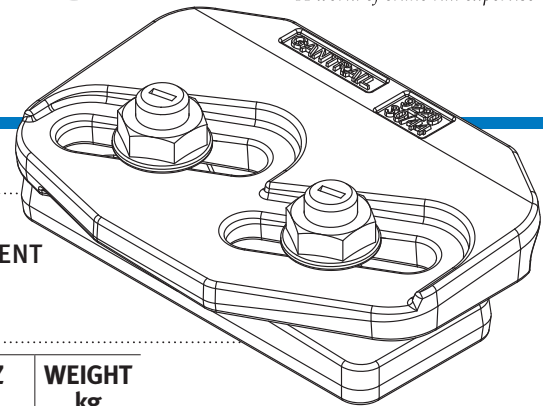
# 9220/30

## Gantrail Welded Base Fixing

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**GANTRAIL**  
A world of crane rail expertise



9220/30

The GANTRAIL 9220/30 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 300kN (30.6 tonnes). Its low profile allows it to be used with cranes that are fitted with guide rollers.

### SPECIFICATIONS:

MAX SIDE LOAD 300kN  
30mm HORIZONTAL RAIL ADJUSTMENT

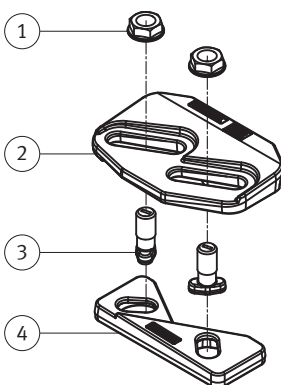
### DIMENSIONS (mm):

| REF NO.    | X  | Y  | Z  | WEIGHT kg |
|------------|----|----|----|-----------|
| 9220/30/44 | 44 | 49 | 33 | 3.98      |

### FEATURES

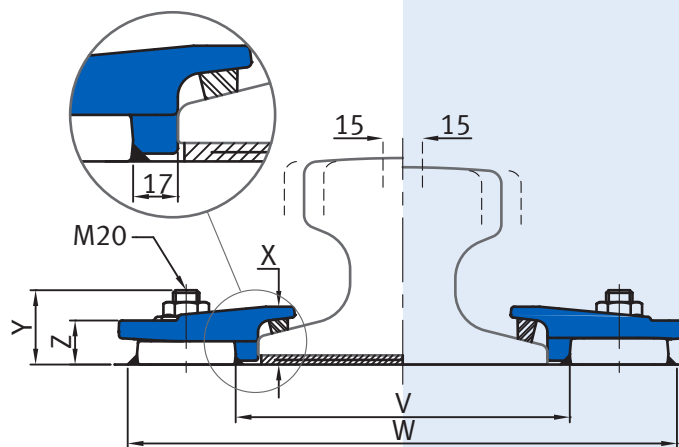
- The proven design has been used successfully for many years throughout the world.
- The clip is welded to the rail support. No access is required from below.
- The two main parts are locked together on tightening the grade 8.8 bolts.
- The clip has a self-tightening mechanism.
- A special vulcanised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

### COMPONENTS

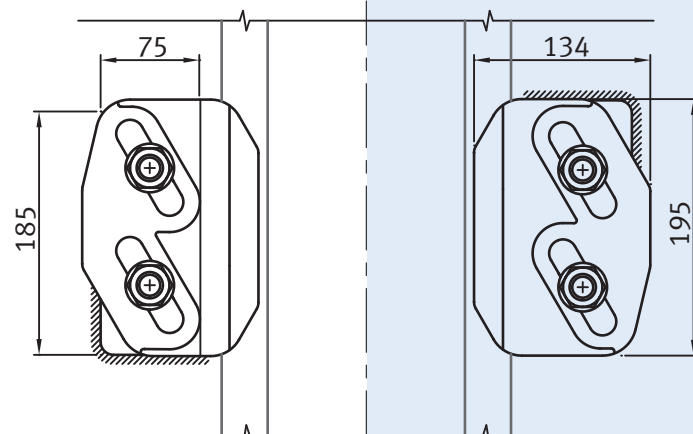


1. Flange nuts
2. Clip cap with integral rubber block
3. M20 Captive bolts
4. Weldable base

### 1 RAIL WITH PAD



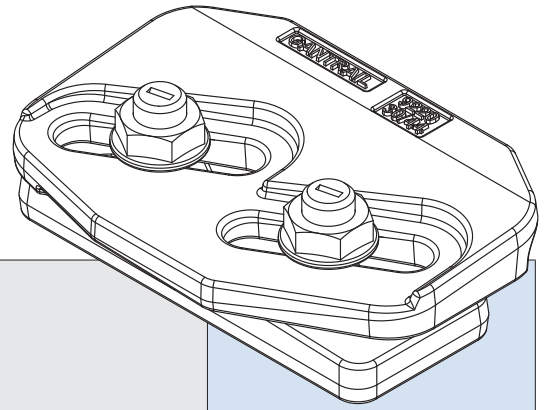
### 2 RAIL WITHOUT PAD

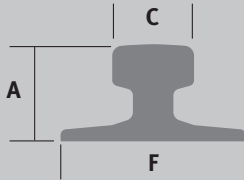


Minimum assembly width -  $W = \text{Rail width (F)} + 200\text{mm}$      $V = \text{Rail width (F)} + 34\text{mm}$

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|  | F<br>mm | C<br>mm | A<br>mm | 1. CLIP REFERENCE<br>FOR RAIL WITH PAD | 2. CLIP REFERENCE<br>FOR RAIL WITHOUT PAD |
|---|---------|---------|---------|--|---|
| A 120   | 220     | 120     | 105     | 9220/30/44                             | -   |
| A 150   | 220     | 150     | 150     | 9220/30/44                             | 9220/30/44                                |
| 89 kg CR  | 178     | 102     | 114     | 9220/30/44                             | 9220/30/44                                |
| MRS 86  | 165     | 102     | 102     | 9220/30/44                             | -   |
| MRS 125   | 180     | 120     | 180     | -                                      | 9220/30/44                                |
| MRS 221   | 220     | 220     | 160     | 9220/30/44                             | 9220/30/44                                |
| ISCR 120  | 170     | 120     | 170     | 9220/30/44                             | 9220/30/44                                |
| KP 140  | 170     | 140     | 170     | 9220/30/44                             | 9220/30/44                                |
| QU 120  | 170     | 120     | 170     | 9220/30/44                             | 9220/30/44                                |
| CR 100  | 155     | 120     | 150     | 9220/30/44                             | 9220/30/44                                |

**THIS CLIP CAN BE USED FOR A WIDER SELECTION OF RAILS THAN ILLUSTRATED.**

Please contact GANTRAIL for the full range of possible rails. All rails can be fastened with bolted or welded base clips. GANTRAIL may change or improve their products and also alter specifications without notice.

### INSTALLATION INSTRUCTIONS:

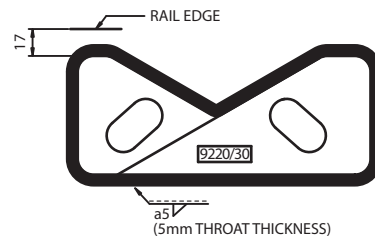
Weld all round the clip base with a 5mm throat thickness fillet weld, using low hydrogen electrodes. Recommended electrodes AWS E7018 or E7028. Clip base is made from weldable grade steel.

\*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



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**Gantry Railing Ltd**  
Sudmeadow Road  
Hempsted  
Gloucester GL2 5HG  
ENGLAND

Tel: +44 (0) 1452 300688  
Fax: +44 (0) 1452 300198  
E-mail: [info@gantrail.com](mailto:info@gantrail.com)

**Gantrail (Middle East) Ltd**  
P O Box 61428  
Jebel Ali Free Zone  
Dubai  
United Arab Emirates

Tel: +971 4 8812 935  
Fax: +971 4 8812 936  
E-mail: [gme@gantrail.com](mailto:gme@gantrail.com)



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