Heras Tangorail is a self-raking railing system with flexible panels that follow ground contours, providing optimum site safety and security.

Available with panel heights ranging from 1.0m up to 2.4m, the versatile TR300 system features the option of ball, point and fullered heads topping each bar to provide a visually elegant yet physically secure solution for your site. The ball topping is for heights up to 1.5 m and the point and fullered designs are for heights of 1.8 m and above.

The non-welded design allows for fast, uncomplicated installation, the TR300 comprises a hollow tube vertical bar system with top and bottom cross members, affixed between SHS posts.

- Self-raking - no stepped panels and fewer posts
- Eco-friendly - no welding and low zinc content
- Fast installation and manufacturing
- Range of options for bar toppings: ball, point and fullered

TR300
Demarcation / Railing

Heras
Experts in perimeter protection
### Technical specifications (dimensions in mm)

<table>
<thead>
<tr>
<th>Type</th>
<th>Bar top options</th>
<th>Post centre-to-centre (A)</th>
<th>Panel height (B)</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>Post height (H)</th>
<th>Dig in depth (J)</th>
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</thead>
<tbody>
<tr>
<td>TR300 100</td>
<td>Ball</td>
<td>2890</td>
<td>950</td>
<td>100</td>
<td>125</td>
<td>75</td>
<td>50</td>
<td>1500</td>
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<tr>
<td>TR300 120</td>
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<td>1150</td>
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<td>75</td>
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<td>1750</td>
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<td>TR300 150</td>
<td>Ball</td>
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<td>50</td>
<td>2000</td>
<td>500</td>
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<tr>
<td>TR300 180</td>
<td>Point, fullered</td>
<td>2890</td>
<td>1750</td>
<td>100</td>
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<td>150</td>
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<tr>
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<tr>
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<td>2050</td>
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<td>TR300 240</td>
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<td>225</td>
<td>100</td>
<td>50</td>
<td>3100</td>
<td>700</td>
</tr>
</tbody>
</table>

#### Materials
- **Steel**

#### Colors
- RAL 6005 (moss green)
- RAL 9005 (jet black)
- Multicolor (optional)

#### Finish
- Pre-galvanized and coated

#### Vertical bar diameter
- 25 mm

#### Vertical bar centre-to-centre
- 125 mm

#### Top and bottom rail dimensions
- 55 x 52 mm

#### Post type (profile)
- SHS (60 x 60 mm)

#### Verts per panel
- 22

### Certificates
- Powder coating according to EN 13438 : 2005
- Steel used at grade DX51, galvanised to Z275
- Sheet steel hot dip coated as per EN 10346

### Ordering information
Contact your local Heras office for precise ordering details.

### Suggested accessories / products
- Quantum self-closing gate
- Pedestrian gate (single and double)
- Vehicle access swing gate