Folding Stairs

Folding stairs provide a straightforward and safe access to the top of the tankers, rail cars or any other variable height platform the operator might wish to reach.

To create a safe working area, the folding stair can be fitted with a safety cage. Folding stairs with a larger step width not only increase the access to the working area, but they are also suitable for carrying and positioning of the loading arms or other equipment.

The folding stairs differentiate themselves through their robust construction and the built-in safety measures, such as **anti-skid** and **anti-jam** provisions.

**Available in many versions and materials:**

- **Stepwidth:** 800 to 3500 mm
- **No. of steps:** 2 to 6
- **Material:** carbon steel (galvanised or coated), stainless steel
- **Control:** manual, pneumatic, hydraulic
- **Options:** • parking detection, chain locking device, safety cage

**Other Options:**

1. Access Folding stairs without cage
2. Track Mounted Stairs

Anti Skid Steps with Jam Prevention feature.

Chain Locking option.

![Folding Stairs Diagram](image-url)
Folding Stairs

**STANDARD RANGE**

<table>
<thead>
<tr>
<th>Steps</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.21.08</td>
<td>2 steps, chain-locking device</td>
</tr>
<tr>
<td>7.21.12</td>
<td>3 steps, pneumatic operation</td>
</tr>
<tr>
<td>7.21.16</td>
<td>4 steps, parking position detection</td>
</tr>
<tr>
<td>7.21.20</td>
<td>5 steps, step width up to 3,500 mm</td>
</tr>
<tr>
<td>7.21.24</td>
<td>6 steps, pull-up cord, add. safety raling equipment, steps galvanised, safety cage std. dimensions; construction coated/galvanised, 1400x1400/2800x1400</td>
</tr>
</tbody>
</table>

**No. | NAME**
--- | ---
1 | spring cylinder for balancing
2 | anti jam provisions
3 | nylon bearings
4 | knee list
5 | firm grip
6 | kick rim
7 | safety cage (option)
8 | rubber contact bar
9 | non-skid steps
10 | reinforced mainframe for improved stability
11 | bearings
12 | foot lock
13 | solid support frame (coated or galvanised)

**MODEL | STEPS | DIMENSIONS | LIVE LOAD**
--- | --- | --- | --- | --- | ---
| | | A | B | C | D | E | F | G | kg | kN | kN | kNm |
7.21.08 | 2 | 850 | 700 | 250 | 500 | 1420 | 335 | 160 | 160 | 1.57 | 3.77 | 1.40 |
7.21.12 | 3 | 1250 | 1000 | 550 | 800 | 1820 | 335 | 560 | 200 | 1.96 | 5.39 | 2.65 |
7.21.16 | 4 | 1650 | 1300 | 850 | 1100 | 2200 | 335 | 960 | 220 | 2.16 | 6.77 | 4.51 |
7.21.20 | 5 | 2050 | 1600 | 1150 | 1400 | 2620 | 335 | 1360 | 260 | 2.55 | 8.24 | 6.86 |
7.21.24 | 6 | 2450 | 1900 | 1450 | 1700 | 3025 | 335 | 1750 | 320 | 3.14 | 12.00 | 15.00 |

subject to technical modifications

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