



| Zoeller Lifting Systems |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Aspect                  | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Images                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PSD Number              | 2603-0140                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Type            | Machinery – Rear Mounted Bin Lifting Devices                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Identifiers     | <p>Brand: Zoeller / Zoeller Kirchhoff Gruppe</p> <p>Models: including but not limited to</p> <ul style="list-style-type: none"><li>• 2405 (Rotary 3)</li><li>• 2418 (Rotary)</li><li>• 2301 (Delta)</li></ul> <p>Variants: Examples incorporating a “working area protection device” consisting of two circular ultrasonic sensors underneath each lifting chair only.</p> <p>Manufactured: 2017 – present</p>                                                                                                                                                                                                                                                                                               |
| Product Description     | Rear mounted refuse container lifting devices. Supplied incorporated with various compaction bodies of refuse collection vehicles (RCV's).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Country of Origin       | Germany                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Counterfeit             | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Risk Level              | High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Risk Type               | Injuries – due to crushing, shearing or being struck by the moving parts of the machinery                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Risk Description        | <p>When in automatic mode, if a person enters the area under the lifting chair during the upward part of the lifting cycle they could, in specific circumstances, remain undetected by the working area protection device.</p> <p>This is due to a blind zone extending 500mm from the face of the two circular ultrasonic sensors underneath the lifting chair.</p> <p>A person within this blind zone when the downward movement starts may not be detected, resulting in them being struck or crushed by the descending machinery and / or load.</p> <p>Users are reminded that the equipment must be operated in accordance with the operating instructions, user manuals and training provided, and</p> |



## Product Safety Report

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|                            | <p>that entry into the working area should be avoided while the machine is in automatic mode.</p> <p>The product does not meet the requirements of the Supply of Machinery (Safety) Regulations 2008.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Corrective Measures</b> | <p>Warning customers of the risks.</p> <ul style="list-style-type: none"><li>• The UK supplier, Faun Zoeller (UK) Limited, is issuing a technical bulletin to all known customers supplied with affected machines manufactured within the last eight years.</li><li>• Updated user guidance and safety information will be provided to reinforce safe operating practices and awareness of the working area risks during the lifting cycle.</li></ul> <p>We recommend owners of RCV's incorporating lifting systems with this type of working area protection contact their supplier for further information if they have not already been contacted.</p> |
| <b>Online Marketplace</b>  | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Notifier</b>            | Health and Safety Executive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |