

# simalube – the automatic lubrication system for large guide rails



The simalube lubrication system, consisting of simalube and a special brush, automatically maintains and lubricates large guide rails and prevents dry friction. It protects the guide rail with an even film of oil and cleans it at the same time. The running time can be freely selected between 1–12 months and directly set on the simalube lubricator.

#### Your benefits:

- Automatic, reliable and continuous lubrication of the guide rails (no manual lubrication required)
- Simultaneous cleaning of the guide rails (removal of dirt thanks to the spring-loaded brush)
- Reduction of service and maintenance costs
- Optimal distribution of the oil on the guide rail thanks to the special brush and the continuous and even oil discharge through the simalube



**simalube**<sup>®</sup>  
smart lubrication



Click on the picture for more information:

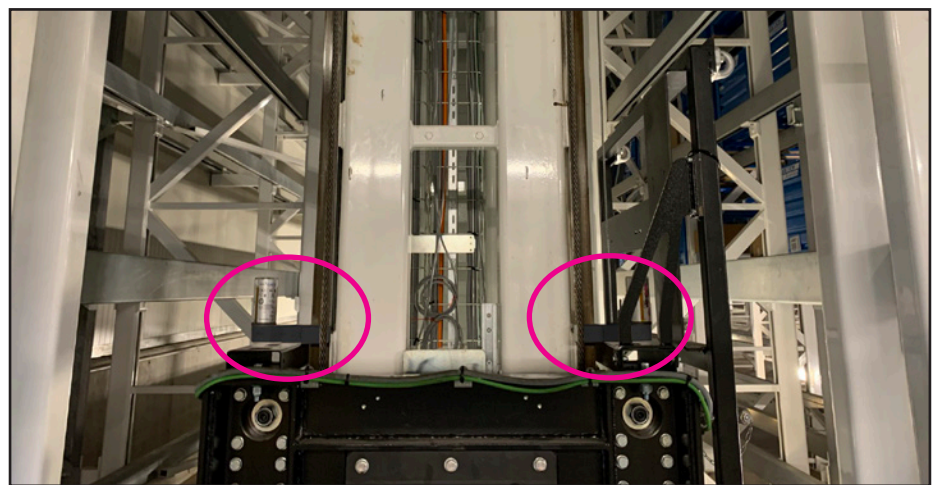


### Special brush for guide rails

The special brush enables lubricant to be applied evenly. The lubricant is conveyed from the simalube lubricant dispenser to the brush and thus transferred to the guide. The brush touches the guide on three sides, is spring-loaded and automatically adapts to the rail. The simalube is driven by a gas producing dry cell. The amount of lubricant can be continuously adjusted directly on the dispenser with a running time of 1-12 months.

### Your benefit with the simalube lubrication system

- Cost savings due to the elimination of manual lubrication
- Less wear on the guide rails thanks to continuous lubrication
- No production interruptions for maintenance and monitoring purposes, resulting in a higher availability of the plants
- Quiet operation of the plants
- Quick and clean replacement of the simalube dispenser without any loss of oil
- No contamination of adjacent components by oil splashes



### Technical data

|                                 |   |
|---------------------------------|---|
| Rail width                      | 40 to 50 mm (1,57 to 1.96 in)   |
| Rail depth                      | 50 mm (1,96 in)   |
| Ambient temperature             | 0 to +55 °C (32 to 131 °F). If a suitable lubricant is used, temperatures down to -20 °C (-4 °F) are also possible. |
| Speed                           | up to max 2,5 m/s (8,2 ft/s)  |
| Lubricant                       | Mind the recommendations of the system manufacturer. However, only liquid lubricants (no greases) may be used.      |
| Fastening thread for lubricator | G 1/4" inner thread   |
| Installation weight             | 350 g (0.77 lb)   |
| Installation                    | The brush body has a hole so that it can be fastened with an M8 screw.  |
| Lubricator volume               | 15 – 250 ml   |

Download the simatec app now:



**simatec ag**

Stadthof 2  
CH-3380 Wangen a. Aare

Tel.: +41 (0)32 636 50 00  
welcome@simatec.com  
www.simatec.com

**simatec**  
smart technologies