

# CRL 101 – Automated Wheel Flange Lubrication

The Lincoln CRL 101 uses two lubrication rollers for the left and right flank of the crane rail to evenly apply lubricant.

Regular lubrication of rails considerably increases the life expectancy of the wheels and reduces the wear on the rail itself. This lowers repair costs and more importantly, reduces costly downtime.

**The system is suitable for all types of cranes that operate on a rail profile according to DIN 536 Part 1 (size A 45 to A 120). It is especially ideal for harbour cranes, as well as overhead or gantry cranes.**

The lubricant supply to the lubricant rollers is typically provided by a Lincoln multiline pump type 205 and a downstream progressive metering device type SSV6-K. The indicator pin on the metering device can be used to visually determine if lubricant is evenly flowing.

The pump is available in different ratios and with an adjustable pump element, thus enabling the exact matching of output versus requirement. As a result, in most cases an electrical control panel for the pump is not required. The drive of the pump is simply run in tandem with that of the crane's drive.

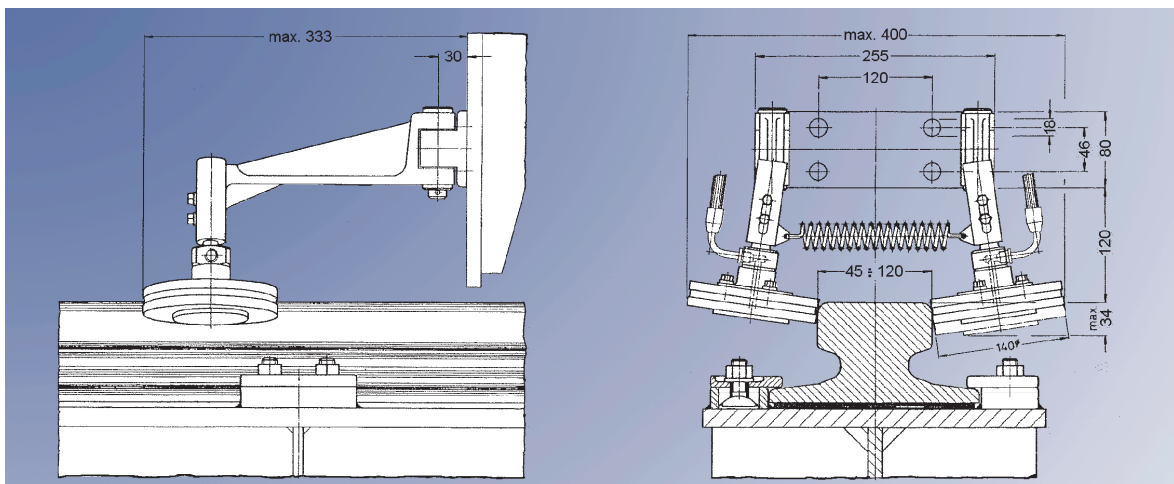


Wheel Flange Lubrication

The pump reservoir is available in 4, 8 or 30 liter capacity (with optional low level control). Biodegradable lubricants or lubricant with added solid particles may be used. Please contact us for queries on approved lubricants.

### System Characteristics

- Reservoir capacity: 4l, 8l or 30l – optional electric level control
- For crane rail widths from 45 to 120mm
- R 1/4" flexible lubrication line connection



Schematic: Wheel Flange Lubrication