

perma Lubrication systems for

## Conveyors

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The Expert in Lubrication Solutions

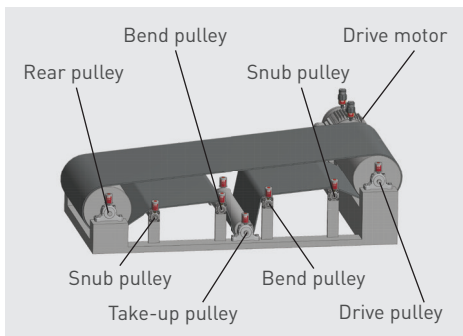
**perma**

## perma Lubrication systems for **Conveyors**

Functioning conveyors are essential for smooth process flows. Despite dirt, dust or strong vibration, optimal lubrication is necessary to prevent equipment failures. Costly repairs and service visits represent a significant part of operating costs, which can be minimised significantly by using perma lubrication systems.

- Gypsum, lime & cement plants
- Quarrying industry
- Power plants
- Food industry
- Recycling industry
- Mining & heavy industry

### Lubrication points



Pillow block housings with spherical roller bearings are mainly used for **drive and bend pulleys**.

**Bearings and bearing housing seals** must be permanently supplied with lubricant.

### Challenges



Large conveyors often extend over long distances and several levels and are **difficult to access**. Relubrication should ideally take place while the equipment is running. Many transfer points can only be lubricated with the help of catwalk grating or work platforms and are therefore often **neglected**. **Accident prevention and workplace safety** must be ensured at all times.

**Lubrication starvation** results in wear, leads to **failure of equipment components** and reduces productivity and cost effectiveness.

- **Dirt and water** must not enter the lubrication points
- **No unnecessary equipment downtimes** due to relubrication
- **Workplace safety** must be ensured



HINT

Manual for conveyor lubrication available on request.



## Advantages of automatic lubrication

- ✓ Lubricant seals lubrication points and **prevents** ingress of **contamination**.
- ✓ **Lubrication takes place while the equipment is running** without interrupting the work process.
- ✓ perma lubrication systems are installed outside of dangerous areas (remote mounting) and **actively contribute to accident prevention**.
- ✓ Precise lubricant discharge **lowers** lubricant consumption and thus the **environmental impact**.

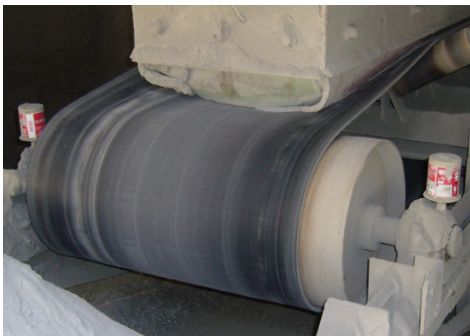
### Reference



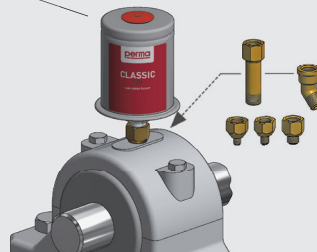
## Solutions

### Direct mounting on the lubrication point: e.g. with perma CLASSIC

- Easy, quick mounting
- For lubrication points with little vibration / shocks
- For easy-to-reach, safe lubrication points



perma CLASSIC

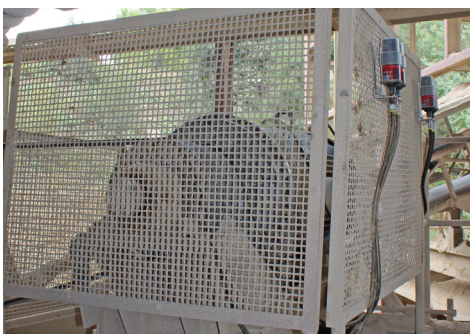


**INSTALLATION KIT for perma CLASSIC**  
Use extensions, angles & reducers depending on the installation situation

**Art. No. 101476**

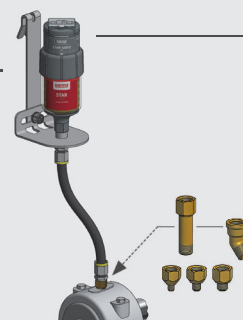
### Remote mounting at lubrication point: e.g. with perma STAR VARIO

- For lubrication points with strong vibration / shocks (isolation of lubrication system)
- For lubrication points which are unsafe to access: Mounting in safe areas
- For hard-to-reach lubrication points



Cage hanger arm

**Art. No. 109959**



**perma STAR VARIO with LC 120**

**INSTALLATION KIT STAR with 3.0 m tube**  
Use extensions, angles & reducers depending on the installation situation

**Art. No. 101482**

## Applications



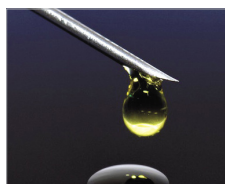
## Individual solutions

### perma Product portfolio



Solutions for all types of applications

### perma Lubricants



Large selection of high quality lubricants to meet the requirements of your equipment

### perma Accessories



Extensive range of accessories and connecting parts for your equipment

### perma SERVICE



Project planning, installation and maintenance

### perma SOFTWARE



Calculation of lubricant amount: • **perma SELECT**  
Maintenance Lubrication Program: • **perma MLP**