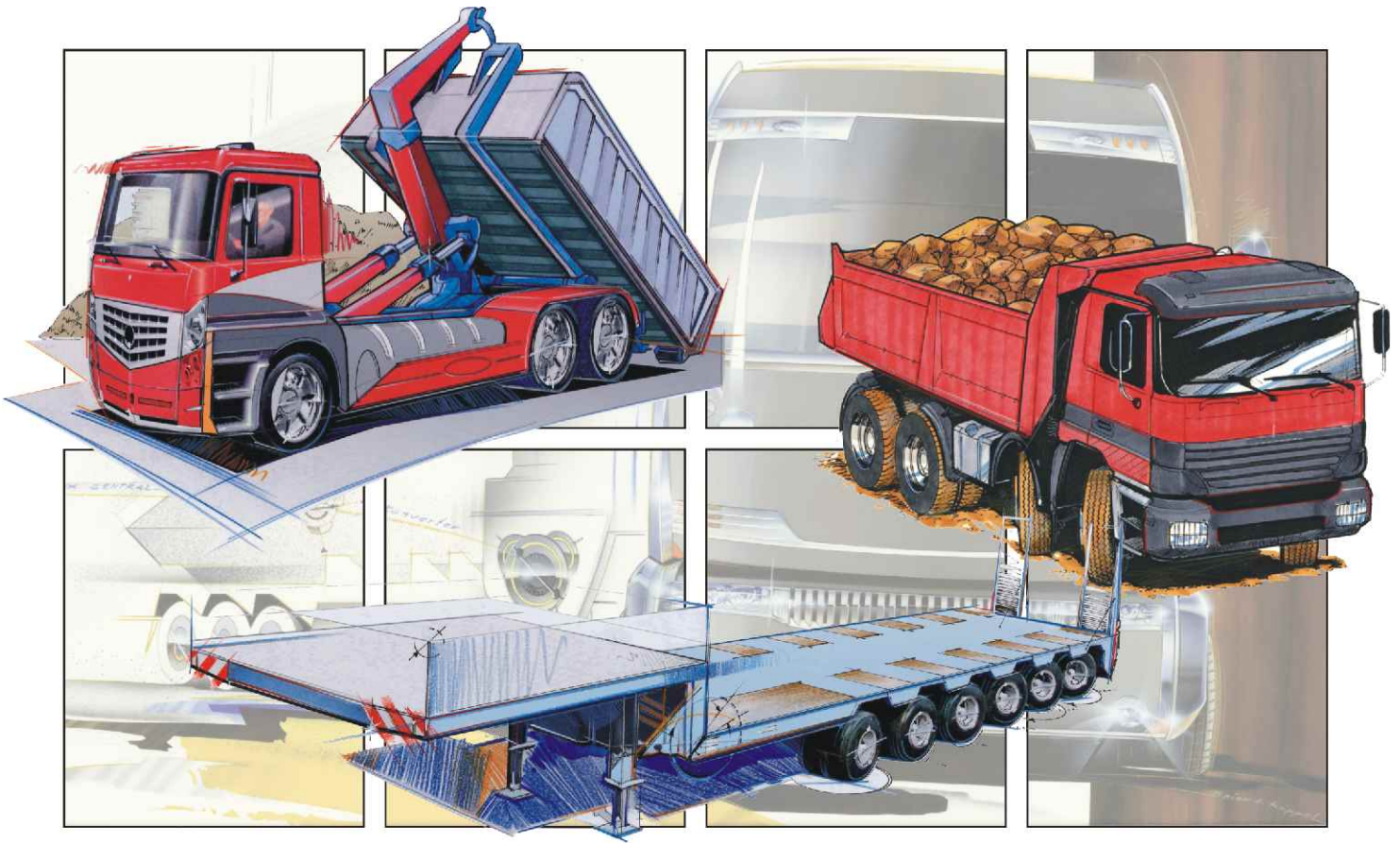


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# Central Lubrication for Trucks and Trailers

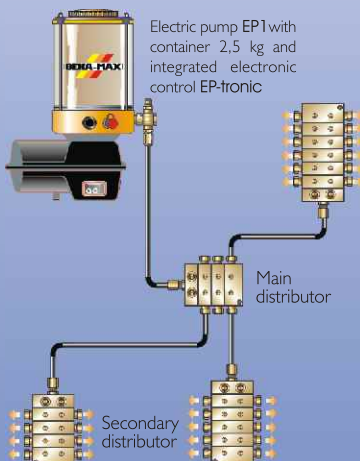
# The central lubrication for commercial vehicles: The **EP1** system



Many commercial vehicles have a high number of lub points, like for example vehicles with complex attachments, off-road trucks or heavy load carriers. Only permanent lubrication reduces wear and tear of highly stressed bearings, shafts and pins. With a central lubrication system made by BEKA-MAX you have the certainty that each lub point is lubricated at the right time.

During the vehicle is in operation, the BEKA-MAX lubrication system supplies all lub points with the necessary grease. Absolutely reliable, electronically controlled and precisely metered. Each bearing receives the right quantity of lubricant to the right time, without any standstill times.

This improves the operational reliability of the vehicles and reduces maintenance costs.



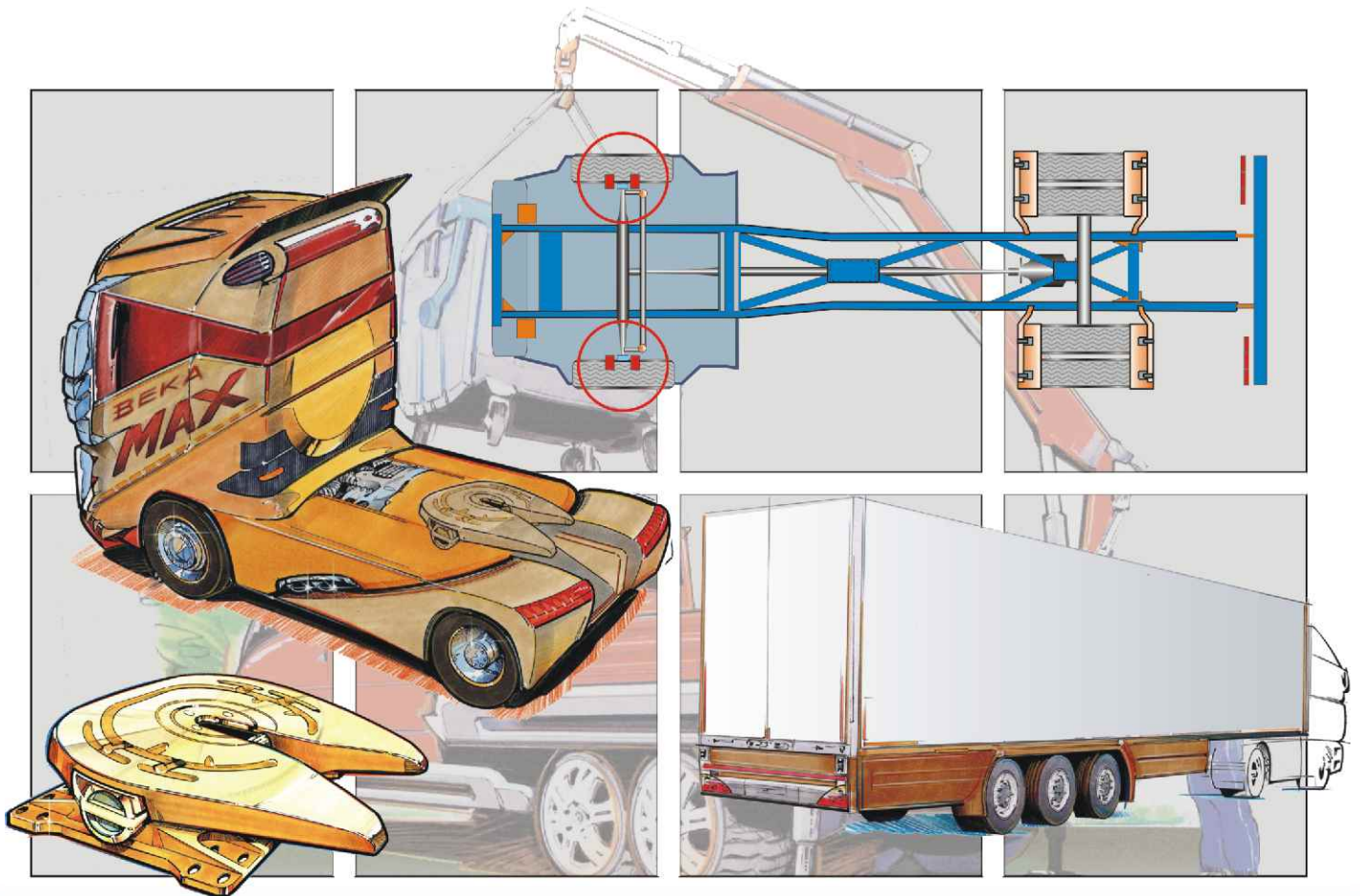
The electronic control of the central lubrication is adapted to the operating conditions of the vehicle and activates the pump in the fixed interval.

The pump delivers the grease via a main line to the distributors, which feed the lubricant with an exactly controlled rate to the lub points.

Caused by the modular design of the distributors, each lub point receives the optimum quantity of lubricant.

- Heavy duty components
- Suitable for all common lubricants (NLGI 000, 00, 0, 1, 2)
- Pump element with desmodromic drive for highest reliability
- Reservoir capacities: 1.9/ 2.5/ 4.0/ 8.0 kg
- Modular designed distributor system for optimum lubricant feed rates (possible feeding per outlet: 25/ 45/ 75/ 105 mm<sup>3</sup>)
- Integrated control unit EP-tronic with
  - 3 operating modes: time, cycles or revolutions
  - electronic monitoring of grease level, pump function, distributor function, pipe rupture, lubricant feeding
  - electronic choice of operating conditions EWP: easy, medium or heavy
  - integrated data logger with diagnosis module
  - interface to the telematic system BEKA-traX
- Perfectly matched installation kits for each vehicle or machine in OE quality
- Used as initial equipment by leading manufacturers

## High performance with compact shape: The **PICO** lubrication system



The PICO compact lubrication system was developed especially for commercial vehicles with a low number of lub points. The PICO system is the ideal solution for the lubrication of the trailer plate, of the front axle and/or of the loading tailboard.

Because of its modular design, the PICO system can be extended easily.

A new concept: The PICO system is the ideal combination of functionality and flexibility with compact dimensions. The PICO system is the unique symbiosis of two lubrication systems: Multi line and progressive technology.

The basic equipment includes one progressive distributor which feeds the lubricant to the different lub points. In addition, the PICO pump supplies up to 8 lub points directly. Optionally the system can be extended with a second progressive circle.

PICO is a modular system. It is suitable for all common vehicles and machines.

Electric pump PICO with container 1.2 kg and integrated electronic control PICO-tronic

Direct supply of up to 8 lub points

Multi line system

Extension as progressive system

- Very compact design for applications with a small number of lub points or restricted space
- Suitable for all common lubricants (NLGI 000, 00, 0, 1, 2)
- Reservoir capacity 1.2 kg with level monitoring
- Cost-saving base system
- Flexible extension possibilities
- Integrated control unit PICO-tronic with
  - 3 operating modes: time, cycles or revolutions
  - electronic monitoring of grease level, pump function, distributor function, pipe rupture, lubricant feeding
  - electronic choice of operating conditions EWP: easy, medium or heavy
  - integrated data logger with diagnosis module
  - interface to the telematic system BEKA-traX
- Perfectly matched installation kits for each commercial vehicle in OE quality



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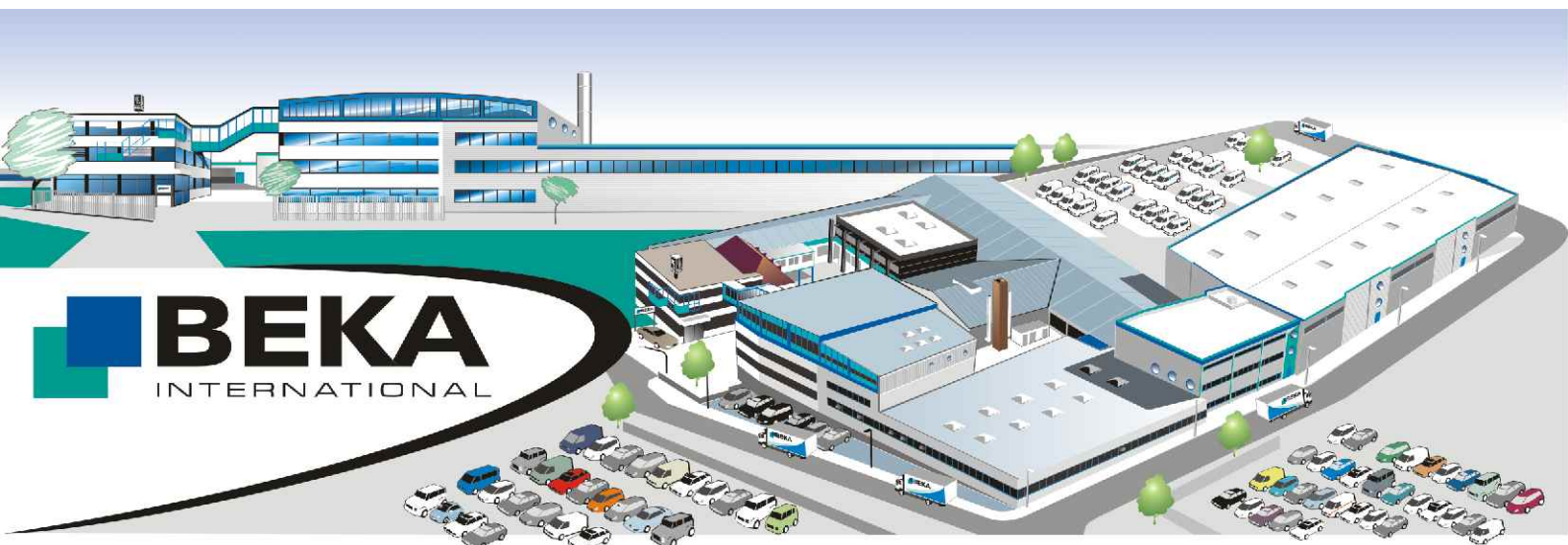
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