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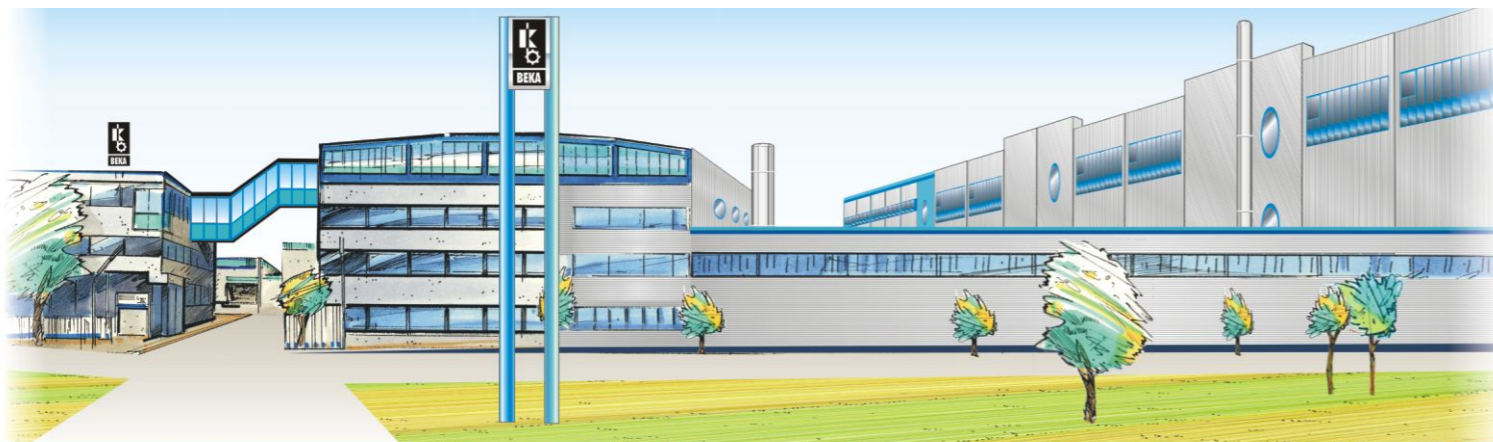
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Industrial Lubrication



Vehicle Lubrication Systems



Spray Lubrication Systems



Lubrication Systems for the Packaging
and Filling Industry



Lubrication Systems for Wind Converters



Environmental Technology



Control and Monitoring Electronics



Telemetric Systems



Machines, Plants, Tools



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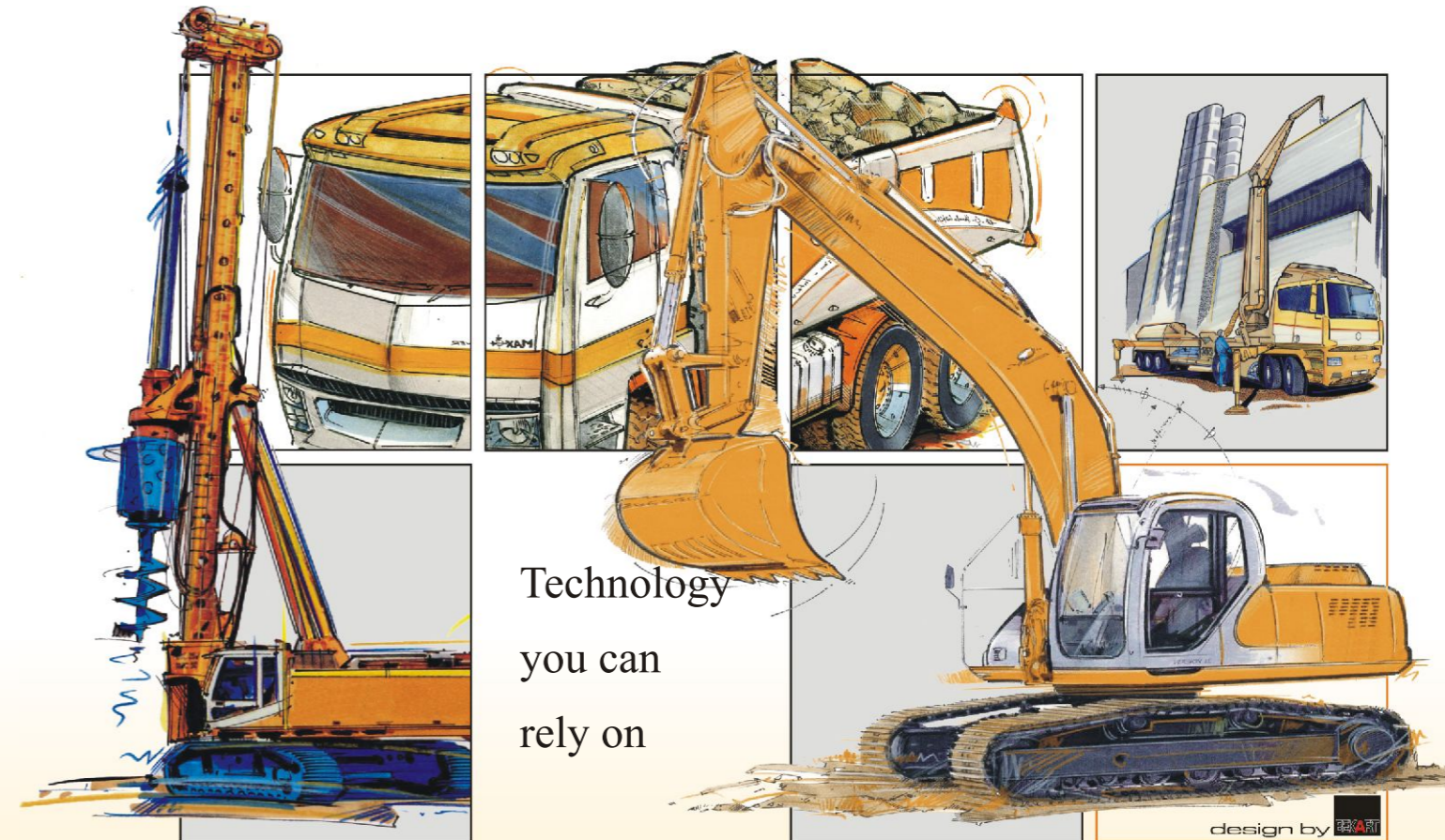
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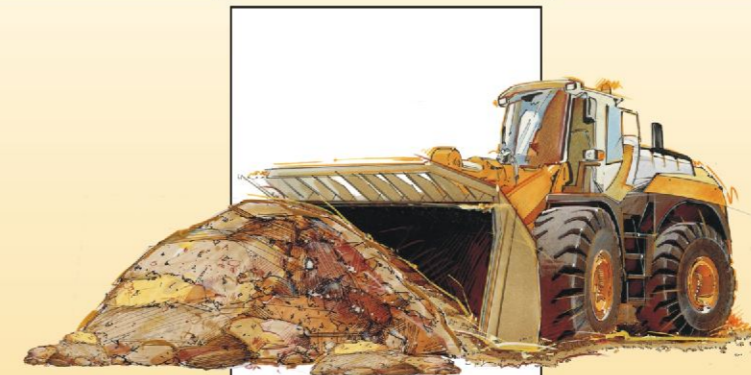
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Czechia	Latvia	South Africa
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Estonia	Luxemburg	Sweden
Finland	Malaysia	Switzerland
Great Britain	New Zealand	and others
Greece	Norway	
Hong Kong	Poland	

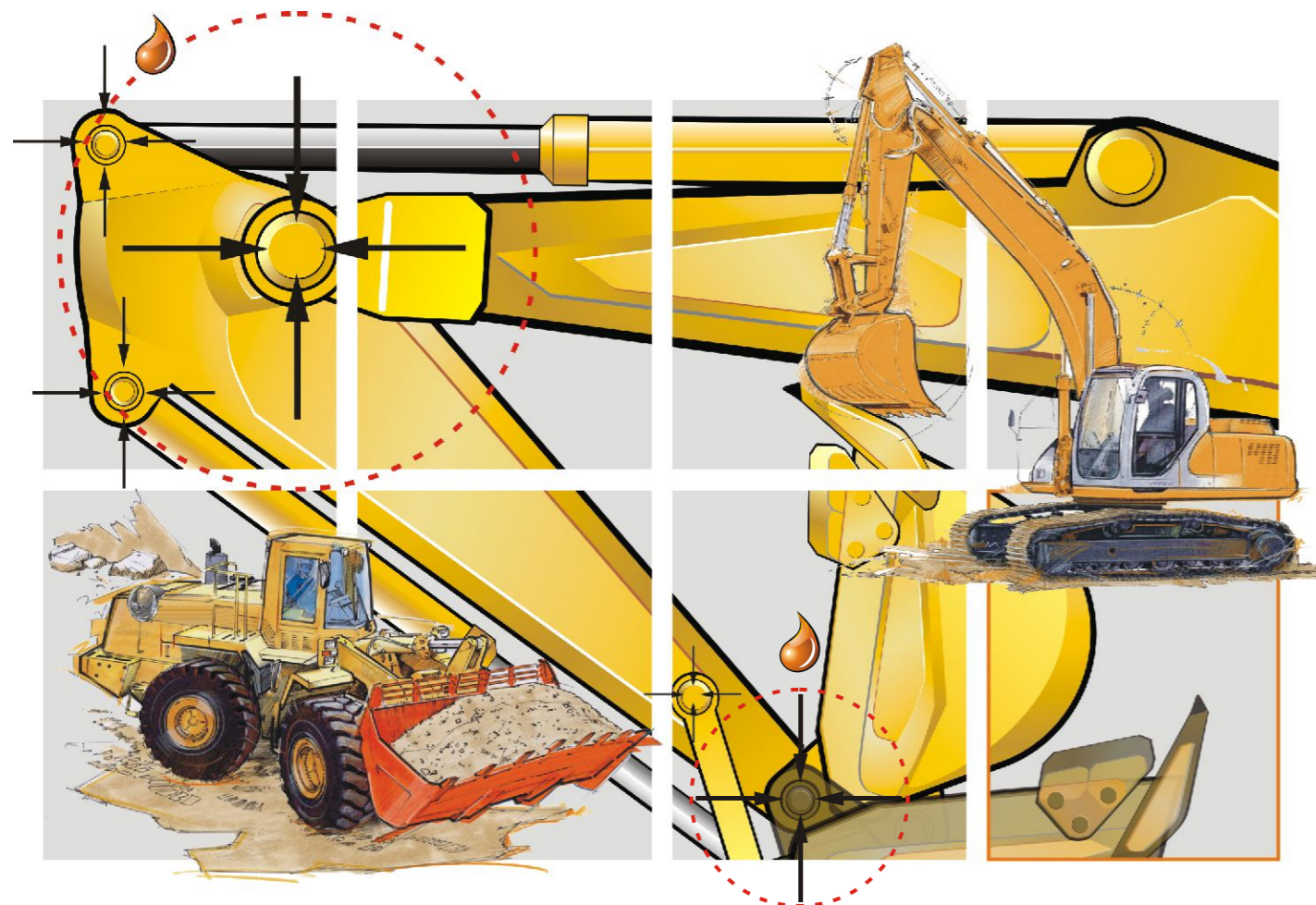


Technology
you can
rely on



Central Lubrication for
Construction Machines

The Central Lubrication for Construction Machines: The **EP1** System

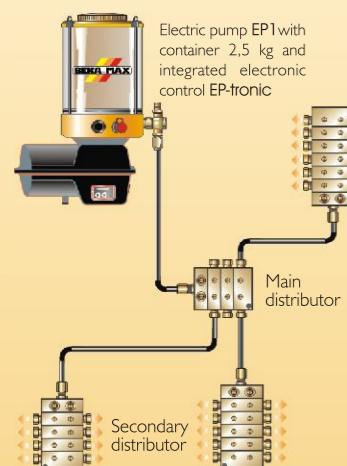


At a construction site each minute counts. Construction machines have to work - they may not break down, least of all because of an avoidable defect, caused by a lack of lubrication. Highly loaded pins, bearings and joints need regular care. But manual greasing costs much time and money. Maintenance works are expensive, but downtimes of a machine cost much more. You can forget all these problems with a BEKA-MAX central lubrication!

During the machine 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 machines and reduces maintenance costs.

- 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 mm³)
- 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

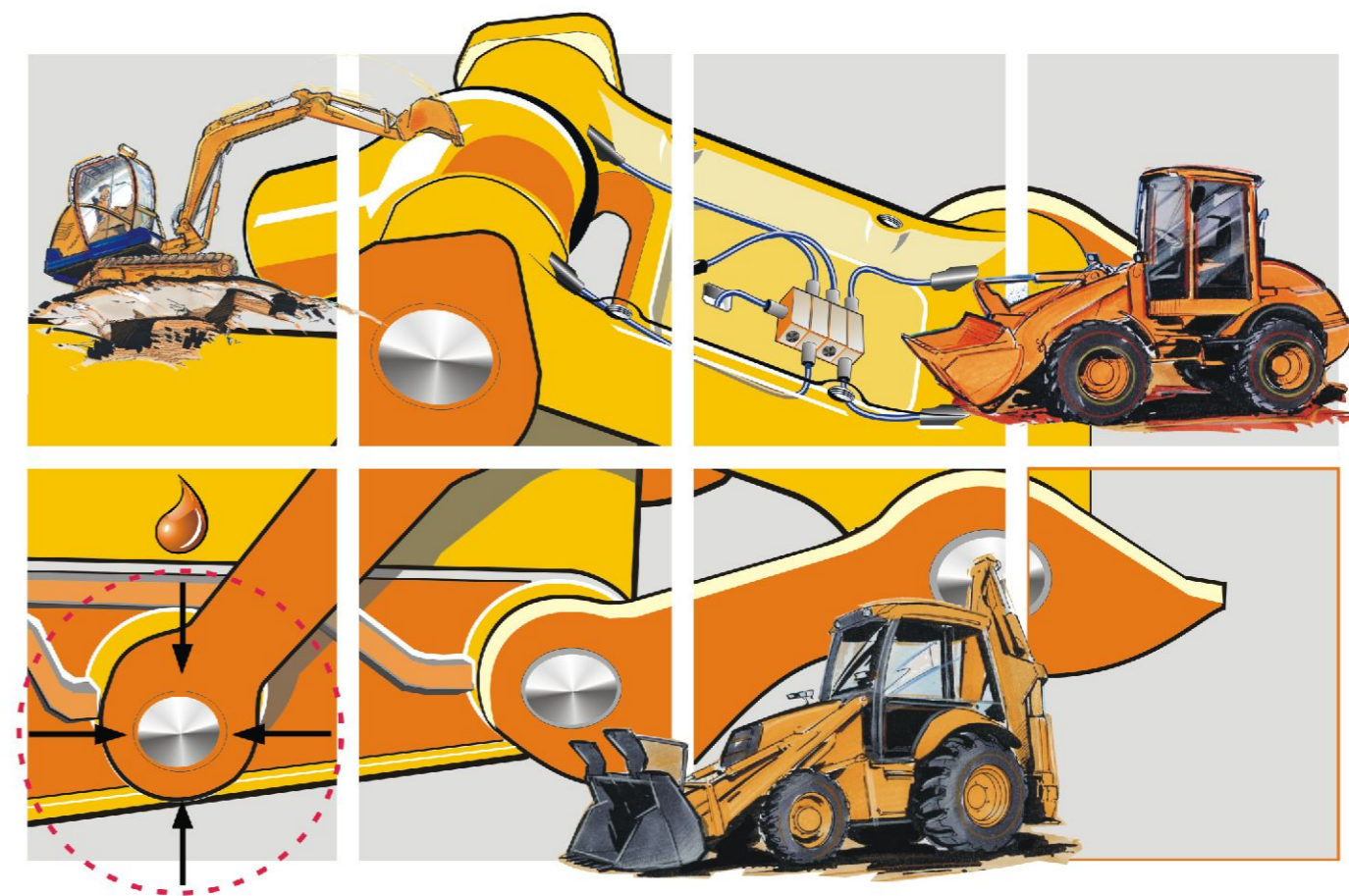


The electronic control of the central lubrication is adapted to the operating conditions of the vehicle and activates the pump in the fixed interval.

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.

The Central Lubrication for Compact Machines: The **PICO** System



Smaller construction machines like compact excavators or compact wheel loaders usually have only a little number of lub points. And apart from that, the installation of a central lubrication is difficult because of the restricted space. Especially for these applications, BEKA-MAX has designed the PICO compact lubrication system. PICO - big performance with small dimensions.

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.

- 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 vehicle or machine in OE quality

