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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



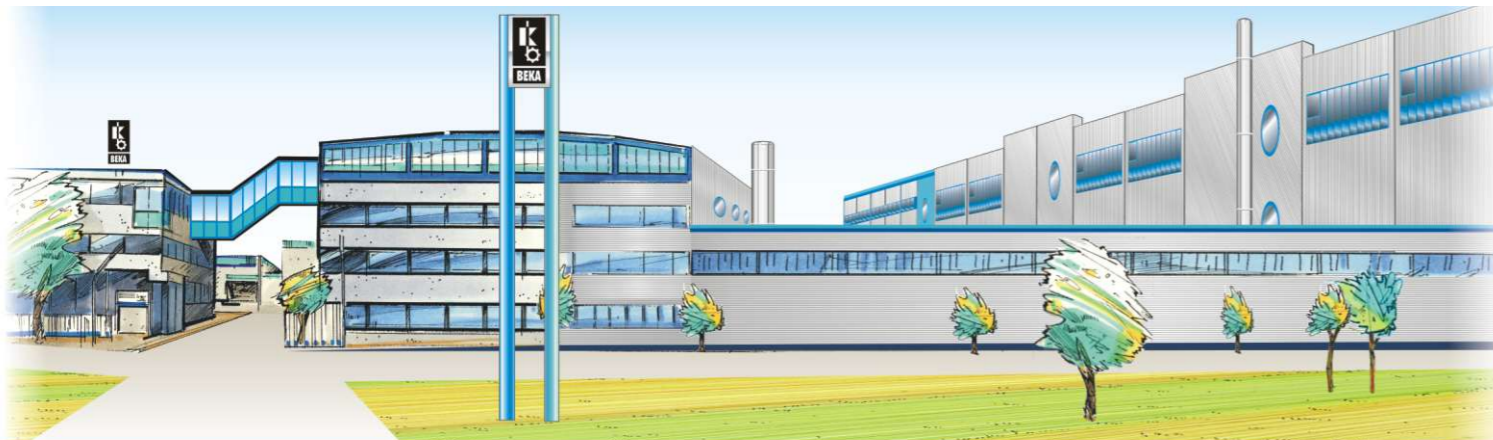
Control and Monitoring Electronics



Telemetric Systems



Machines, Plants, Tools



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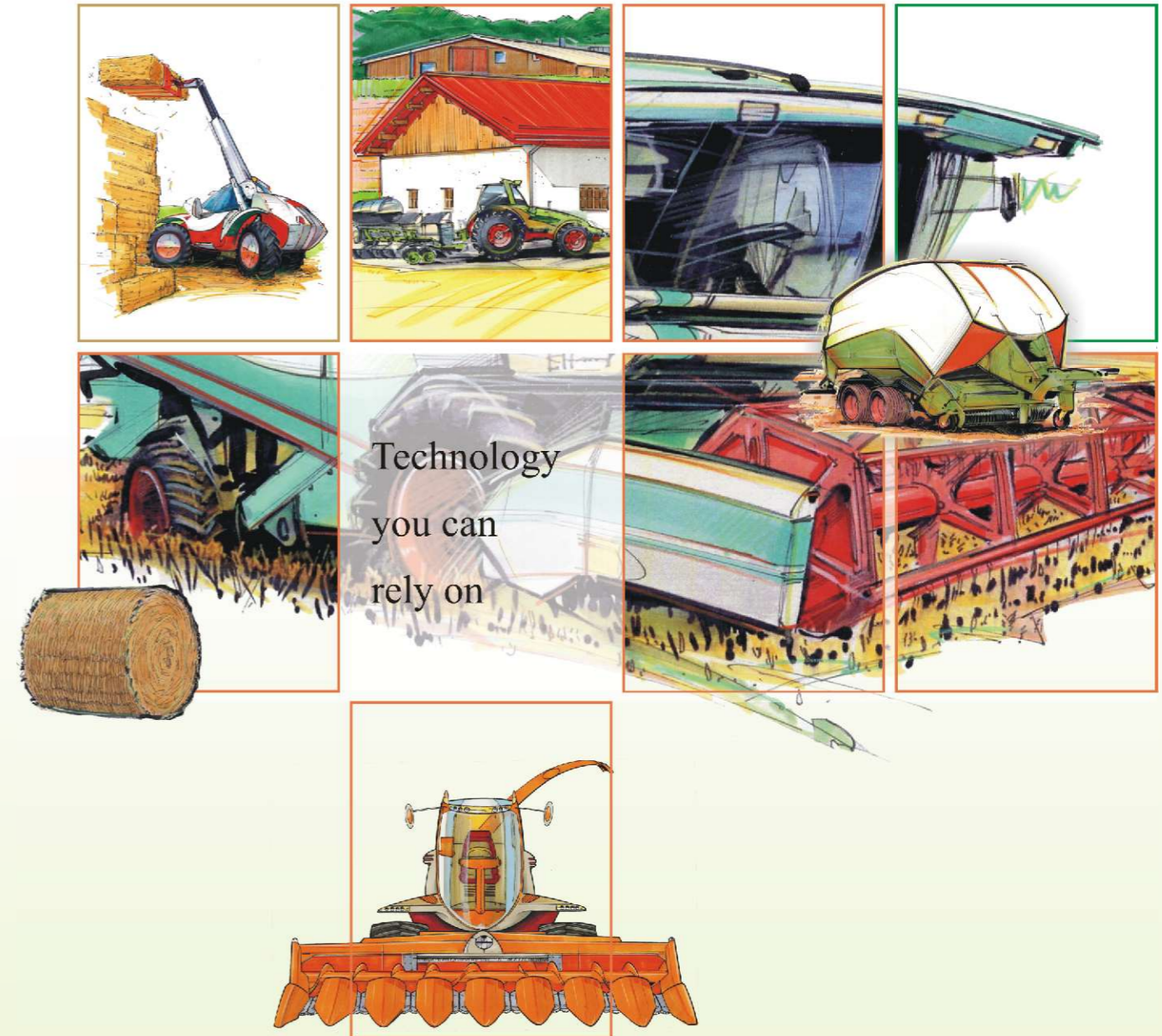
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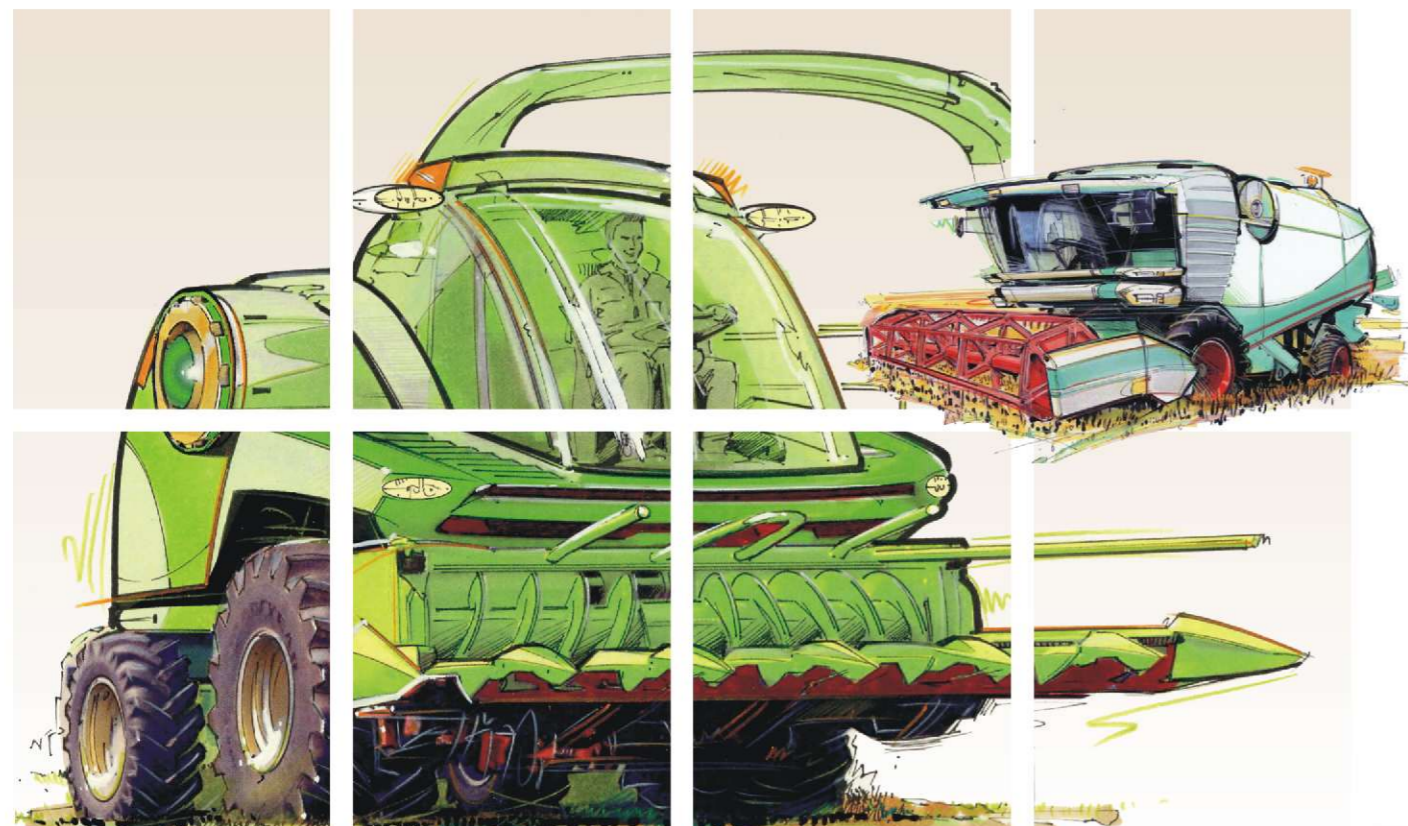
Agencies

Argentina	Hungaria	Portugal
Australia	India	Russia
Bosnia	Indonesia	Serbia
Brazil	Iceland	Slovakia
Croatia	Ireland	Slovenia
Czechia	Latvia	South Africa
Denmark	Lithuania	Spain
Estonia	Luxemburg	Sweden
Finland	Malaysia	Switzerland
Great Britain	New Zealand	and others
Greece	Norway	
Hong Kong	Poland	



Central Lubrication for
Agricultural Machines

The Central Lubrication for Agricultural Machines: The EP1 - System.

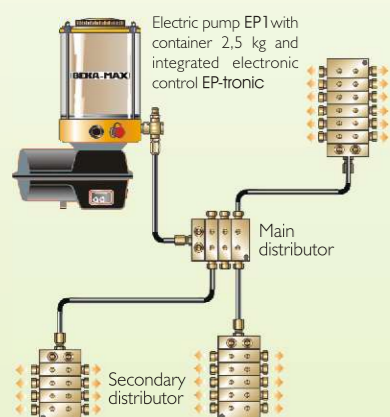


A well-known problem: During harvest time each minute counts and agricultural machines have to work without any malfunction. The operational reliability largely depends on sufficient lubrication. But manual lubricating of 90 or more lub points costs time and money. Maintenance works are expensive, but a standstill costs even more. A BEKA-MAX central lubrication brings an end to these problems!

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
- Container capacities: 1.9/ 2.5/ 4.0/ 8.0 kg
- Modular designed distributor system for optimum lubricant feed rates (possible feeding/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 at 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.



Some agricultural machines have just a small number of lub points. And apart from that, the subsequent installation of a central lubrication is not so easy because of the restricted space.

Especially for these applications the compact PICO system was designed. 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.

This means: PICO supplies up to 8 lub points directly, without any distributor. For example the suspension front axle of a tractor. If required, the lubrication system can be extended as a progressive system.

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

- Very compact design for applications with small number of lub points or restricted space
- Suitable for all common lubricants (NLGI 000, 00, 0, 1, 2)
- Container capacity 1.2 kg, with level monitoring
- Cost-saving base system
- Possible extension as progressive system
- 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

