

BAIER+KÖPPEL GMBH+CO
PRÄZISIONSAPPARATEFABRIK

BEETHOVENSTRASSE 14
91257 PEGNITZ

PO-BOX 13 20
91253 PEGNITZ

GERMANY

fon +49 9241 729-0
fax +49 9241 729-50

e-mail beka@beka-lube.de
web www.beka-lube.de



Industrial Lubrication



Vehicle Lubrication Systems



Spray Lubrication Systems



Lubrication Systems for the Packaging
and Filling Industry



Lubrication Systems for Wind Converters



Environmental Technology



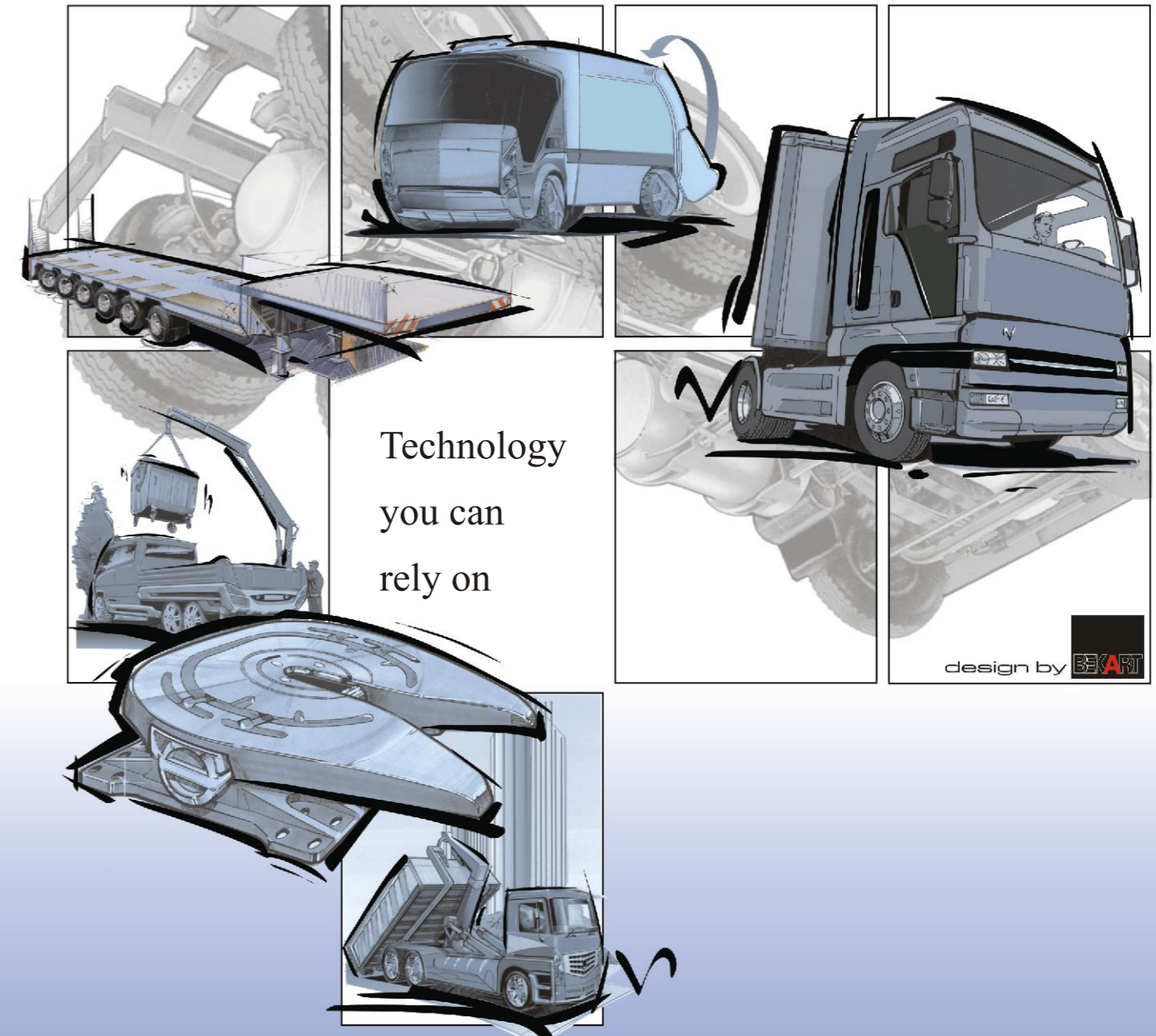
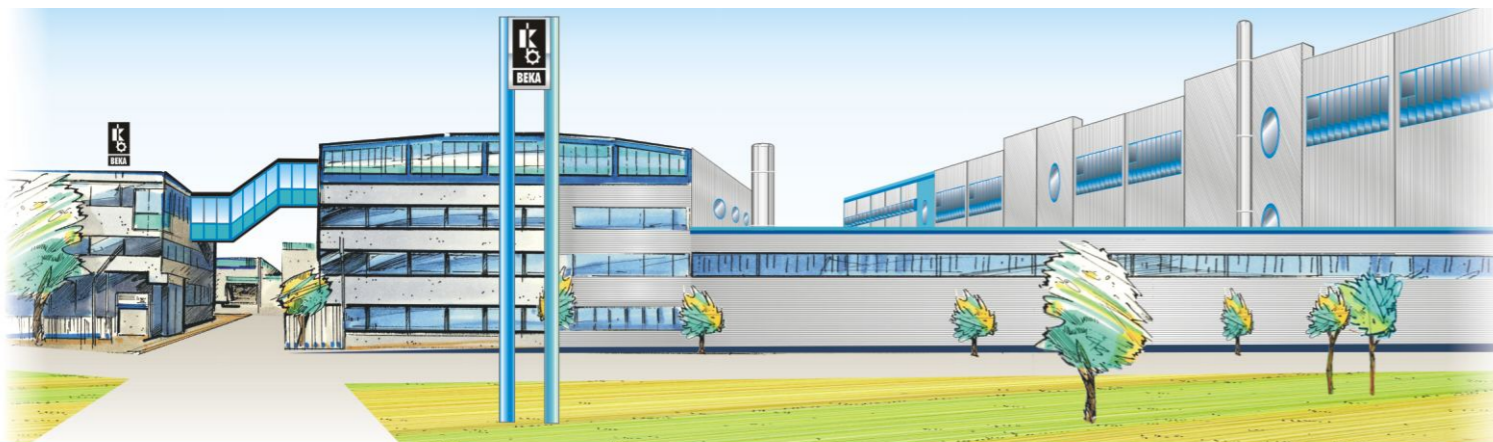
Control and Monitoring Electronics



Telemetric Systems



Machines, Plants, Tools



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BELGIEN
BEKA LUBE N.V.S.A.
Demerstraat 32
BE 3200 Aarschot
fon 0032 / 16 / 64 09 26
fax 0032 / 16 / 64 05 48
e-mail bekalube@skynet.be

CHINA
EAST TSANHAIR COMPANY LTD.
Room 206, No. 9 Hangfeng
Road, Fengtai Science City
Beijing 100070, P.R. China
fon 0086 / 10 / 83 681 526
fax 0086 / 10 / 83 681 520
e-mail east-tsanhair@263.net

FRANKREICH
BEKALUBE FRANCE
4, bis Rue de l'Artisanat
89100 Paron
fon 0033 / 386 / 83 39 06
fax 0033 / 386 / 83 39 06
e-mail contacts@bekalube.fr

ITALIEN
BEKALUBE s.r.l.
Via Rossi 152
20043 Arcore
fon 0039 / 039 / 618 00 88
fax 0039 / 039 / 61 75 23
e-mail bekalube@bekalube.it

KANADA
BEKA-LUBE Products Inc.
2830 Argenta Road, Unit 9
Mississauga ON L5N 8G4
fon 001 / 905 / 821 / 1050
fax 001 / 905 / 858 / 0597
e-mail info@beka-lube.com

KOREA
BEKA AHWON
326-1 Dangdung Dong
Gunpo Si Kyungki Do Korea
fon 0082 / 31 / 451 / 0628
fax 0082 / 31 / 451 / 0974
e-mail jhleahwon@yahoo.co.kr

NIEDERLANDE
BEKA NEDERLAND B.V.
Wagenmakerij 11
4762 AV Zevenbergen
fon 0031 / 168 / 37 15 38
fax 0031 / 168 / 33 83 29
e-mail info@beka.nl

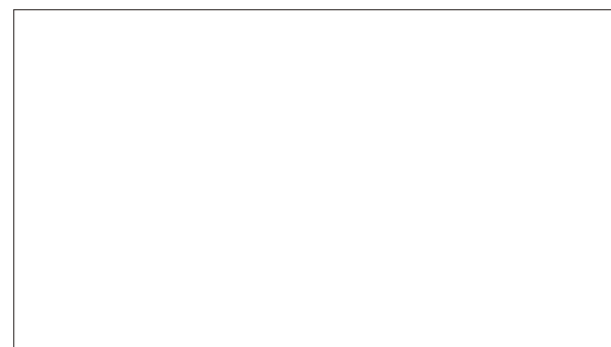
ÖSTERREICH
BEKA-Lube GmbH
Lieferinger Hauptstrasse 93
5020 Salzburg
fon 0043 / 662 / 43 84 40
fax 0043 / 662 / 42 07 17
e-mail office@beka-lube.at

TÜRKEI
BEKAMAKS MAKINA SANAYI
VE TICARET LTD. STI.
Küçükyalı is Merkezi
34852 Maltepe / Istanbul
fon 0090 / 216 / 367 34 00
fax 0090 / 216 / 367 33 85
e-mail info@bekamaks.com

USA
BEKA-MAX of America
2600 North America Drive Suite 8
P.O. Box 615
West Seneca, NY 14224
fon 001 / 905 / 821 / 1050
fax 001 / 905 / 858 / 05 97
e-mail info@beka-lube.com

Agencies

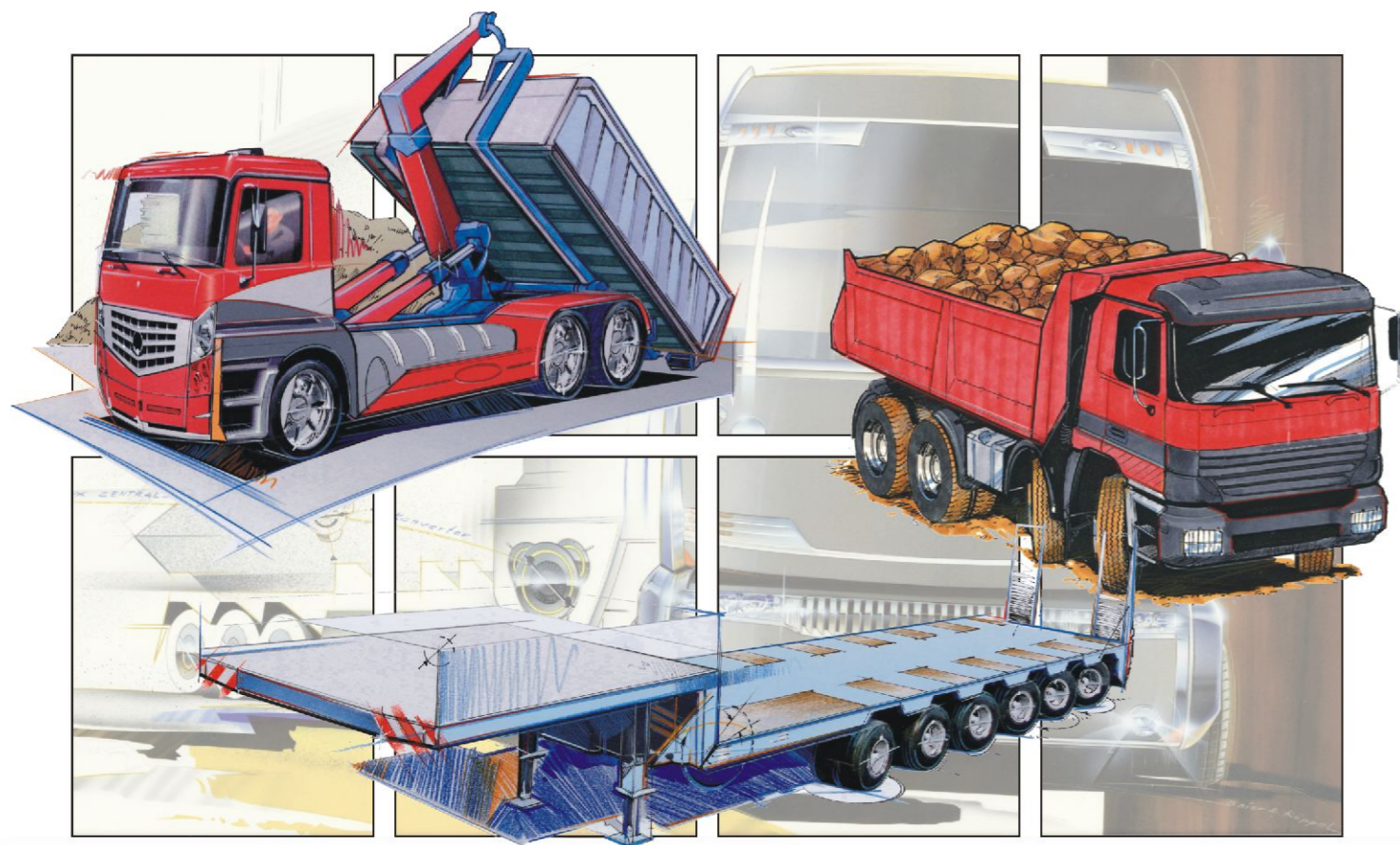
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Estonia	Luxemburg	Sweden
Finland	Malaysia	Switzerland
Great Britain	New Zealand	and others
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Central Lubrication for
Trucks and Trailers

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

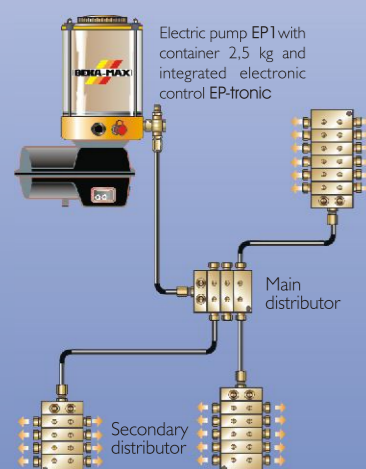


Many commercial vehicles have a high number of lub points, like for example vehicles with complex attachments, off-road trucks or heavy load carriers. Only permanent lubrication reduces wear and tear of highly stressed bearings, shafts and pins. With a central lubrication system made by BEKA-MAX you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

- 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

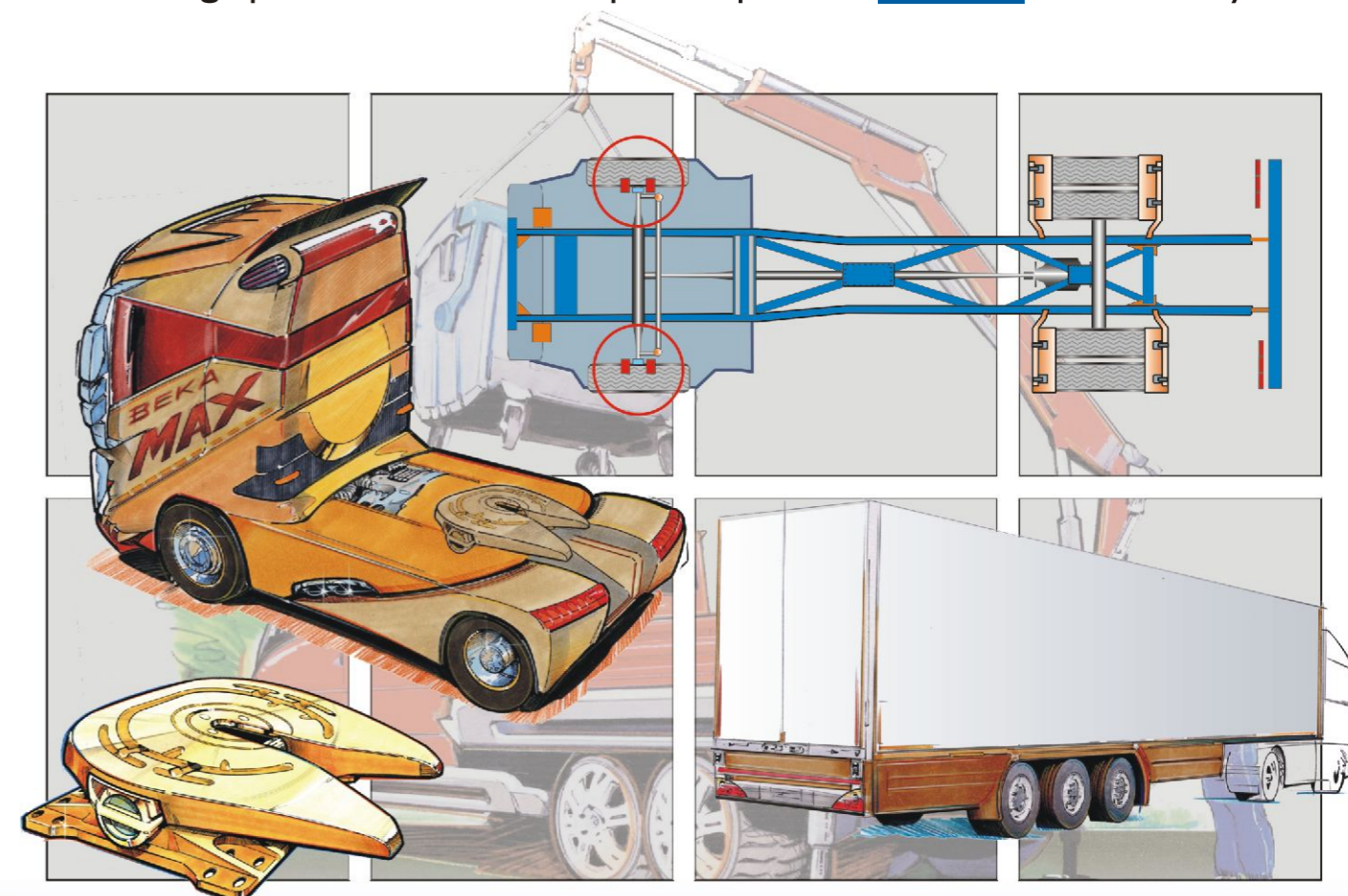


The electronic control of the central lubrication is adapted to the operating conditions of the vehicle and activates the pump in the fixed interval.

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.

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.

- 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

