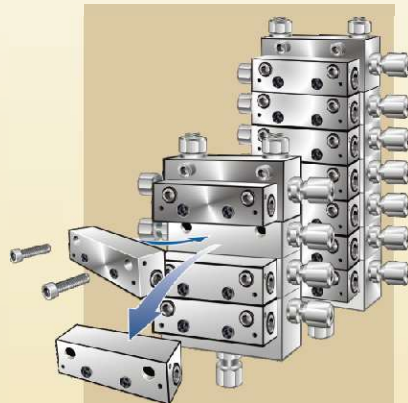


Central Lubrication Systems for Saw Mills and Log Yards



Technology
you can
rely on



- reduce wear and costs
- optimize operational reliability
- improve working safety

Central Lubrication Systems for Saw Mills and Log Yards

Disadvantages of manual greasing

With manual lubrication during a machine standstill, the lubricant is supplied just to one area of the friction point and cannot distribute itself. The bearing is more or less "overfilled" with grease until lubricant flows out. The lubricating film at the friction point is quickly used up. The consequence is a lack of lubrication. From this moment on, wear and tear increases rapidly.

A BEKA central lubrication is the solution of this problem

With central lubrication, the highly loaded bearing points are lubricated during operation. The lubricant reliably reaches all points of the bearing. Also bad accessible lubricating points will not be forgotten. Using a central lubrication system, the lubricating film is permanently renewed with exactly metered lubricant quantities.

This means: Drastically reduced wear and tear!

Central lubrication systems made by BEKA: Full service from a single source

BAIER + KÖPPEL produces lubrication systems since 1927. BEKA offers a comprehensive program of lubrication and maintenance systems for all applications. Our focus lies on the realization of specific solutions, which perfectly hit the demands of our customers.

Effective cost reduction with an automatic lubrication system.

Example: Saw line with wood feeding with 1.600 lubrication points (3-shifts/6-days a week)

Costs for manual greasing:

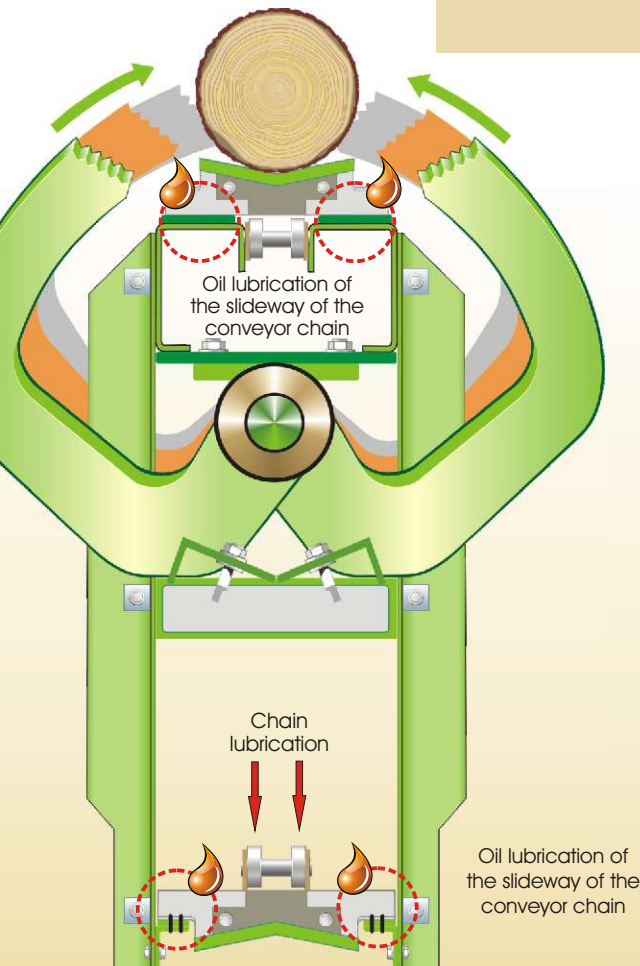
1.500 grease lubrication points	
2 min/point at 35.-€/hour	3000 min = 50 h/week € 1.750.-/week
100 oil lubrication points	
1x per shift / 1 hour at 35.-€/hour	18 hours/week € 630.-/week
Labour costs:	€ 2380.-/week

Costs for automatic lubrication

Costs for refilling of lubricants and visual monitoring of the system	
approx. 2 h/week each 35.-€/hour	€ 70.-/week
Labour costs:	€ 70.-/week

Reduction of the labour costs per week: € 2.310.-

Example of application:
Lubrication points at a
sorting conveyor



Lubrication in an efficient, safe and economic way

Efficient:

- Lubrication during machine is in operation
- Steady greasing with small lubricant quantities
- No additional shifts for lubrication works necessary

Safe:

- Greasing from the safety fence or fully automatic
- No greasing works in the danger zone
- No lubrication point will be forgotten

Economic:

- Significant time saving for greasing works
- Lubrication directly from economy-sized reservoirs
- No cleaning of the machine for lubrication necessary

...the key to effective maintenance and service!

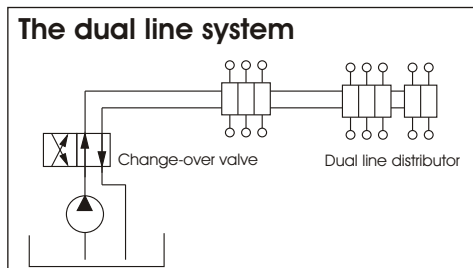
Improved working safety:

The lubrication points are supplied from outside of the safety fence - this means outside of the danger area.



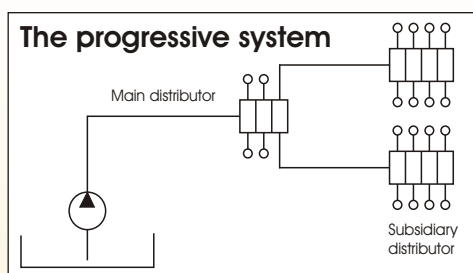
Always the appropriate lubrication system

According to the application we offer our customers individually configured solutions consisting of one or several different lubrication systems:



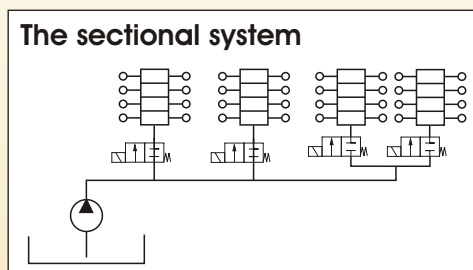
The dual line system is the classic solution for large plants as the lubricant can be transported over long distances. The lubricant is pressurized only for a short time, this minimizes the risk of bleeding out. The dual line system can be branched widely.

Typical application: machines and plants with widely separated lubrication points, like for example log yards.



The progressive system supplies many lubrication points with just one feed line. It can be monitored easily and offers flexible extension possibilities. BEKA produces progressive systems from simple manifolds at the safety fence up to fully automatic systems.

Typical application: The progressive system is suitable for machines and systems with many lubrication points, like saw lines and profiling lines.

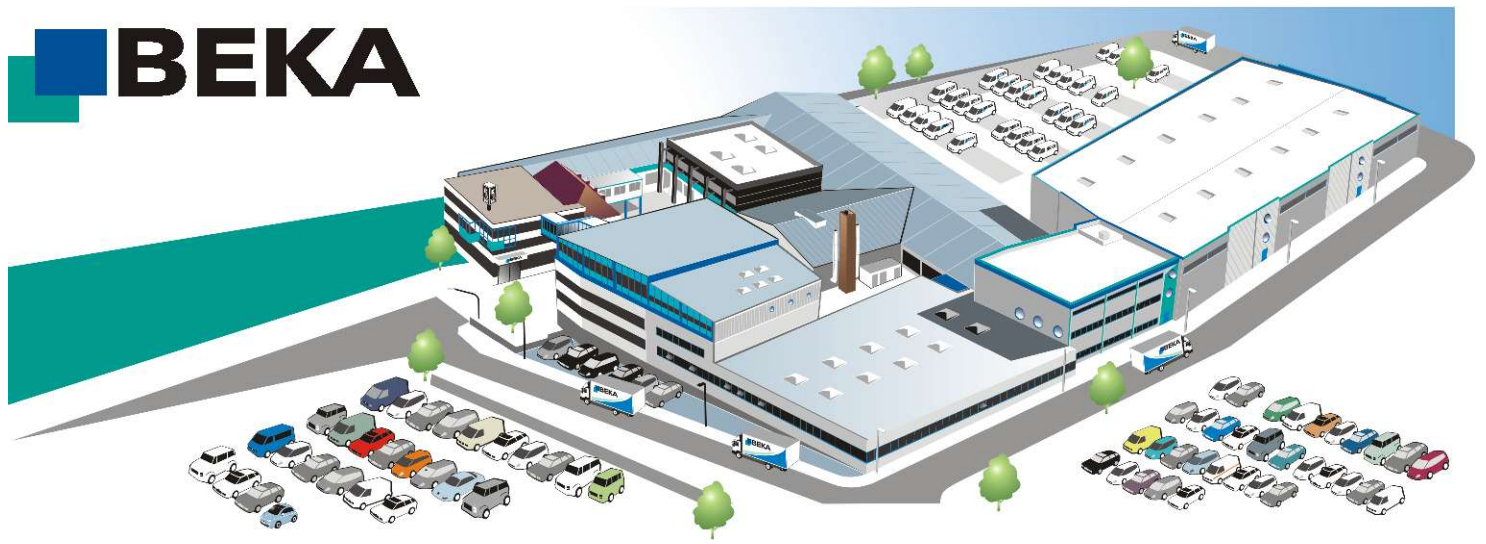


The sectional system is an extended progressive system. Large plants with many lubrication points are divided into sections. The lubricant quantities for the sections can be controlled and monitored individually. The sectional system can be extended easily.

Typical application: For large plants with many lubrication points, like saw lines and board sortings.



**Projecting, production, documentation, installation and service:
Competence from one hand!**



BAIER + KÖPPEL GMBH + CO KG
PRÄZISIONSAPPARATEFABRIK

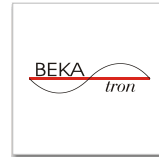
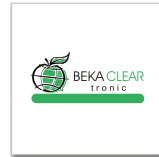
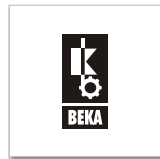
BEETHOVENSTRASSE 14
91 257 PEGNITZ/BAVARIA

PO BOX 13 20
91 253 PEGNITZ/BAVARIA

GERMANY

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

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



Partners

AUSTRIA

BEKA-Lube GmbH
Carola-Blome-Str. 7
5020 Salzburg
fon +43 662 43 84 40
fax +43 662 43 84 403
e-mail office@beka-lube.at

CHINA

EAST TSANHAIR COMPANY LTD.
7A Building, Medicine Valley No.1,
No.9 Tianfu Street, Bio-Medicine Park,
Zhongguancun Science Park,
Daxing District, Beijing, China 102600
fon +86 10 83 681 526
fax +86 10 83 681 520
e-mail beka-lube@bekachina.com

KOREA

BAIER + KÖPPEL Korea Liaison Office
A-1406, Sunyudo Woolim Lions Valley
Yangpyeong-dong 5-ga
Yeongdeungpo-gu, Seoul (150-984)
fon +82 2 2038 0988
fax +82 2 2038 8934
e-mail sales@bekaworld.kr

TURKEY

BEKAMAKS MAKINA SANAYI ve TICARET
LTD. STI. Kucukyali Ticaret Merkezi
B Blok No. 7 Girne Mah.
34852 Maltepe / Istanbul
fon +90 216 367 34 00
fax +90 216 367 33 85
e-mail info@bekamaks.com

BELGIUM

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

FRANCE

BEKALUBE FRANCE
4, bis Rue de l'Artisanat
89100 Paron
fon +33 386 83 39 06
fax +33 386 65 52 24
e-mail contacts@bekalube.fr

NETHERLANDS

BEKA NEDERLAND B.V.
Wagenmakerij 11
4762 AV Zevenbergen
fon +31 168 37 15 38
fax +31 168 33 83 29
e-mail info@beka.nl

USA

BEKAWORLD LP
2775 North Hills Drive
Atlanta Georgia 30305 USA
fon +1 404 841 1133
fax +1 404 841 1196
cell +1 404 398 2165
e-mail s.pitman@bekaworld.co

CANADA

BEKA-LUBE Products Inc.
2830 Argentinia Road, Unit 9
Mississauga ON L5N 8G4
fon +1 905 821 10 50
fax +1 905 858 05 97
e-mail info@beka-lube.com

ITALY

BEKALUBE s.r.l.
Via Rossi 152
20043 Arcore
fon +39 039 618 00 88
fax +39 039 61 75 23
e-mail bekalube@bekalube.it

SPAIN

BEKA-LUBE IBERICA S.L.
Avda. de Suiza, 3 P.A.L. Coslada
28820 Coslada (Madrid)
fon +34 91 670 78 00
fax +34 91 670 78 413
e-mail beka@beka-lube.es



Subsidiaries

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