

Automatic Maintenance Systems

The key to effective maintenance and upkeep



Development, production,
installation and service
from a single source



Automatic maintenance systems made by BEKA

BEKA - the synonym for innovative and high-quality central lubrication systems. State-of-the-art technology, a comprehensive product range and worldwide presence ensure customized solutions for every request. Technology you can rely on.

Disadvantages of a manual lubrication

When using a manual lubrication, lubricant is applied at a non-operating machine and can not distribute itself. The bearing is "overfilled" with grease and surplus grease comes out without the effect of lubrication. The consequences are fatal: the lube point is not sufficiently lubricated, the grease film at the friction point is used up very quick, hence wear and abrasion increase rapidly.

Example transmission chain: Steady maintenance increases the life time decisively.

BEKA delivers various efficient chain lubrication systems.

BEKA - the key for efficient maintenance

A BEKA lubrication system supplies the high-loaded machine bearing points during the operation. Lubricant is reliably applied onto the complete bearing. Also bad accessible lube points are not forgotten. The grease film is renewed permanent with the lowest and exactly metered quantity. Hence a steady distribution in the bearing is ensured, with the effect of a drastic wear reduction and the related cost savings.

BEKA: The full liner in central lubrication

BEKA offers a wide range of lubrication and maintenance systems for all types of use. Out of the main competence of industry and vehicle lubrication BEKA has made itself a name with high-tech applications for special lubrication problems as well as with innovative solutions in the sectors of environmental technology and monitoring electronic. Every tenth employee of BAIER + KÖPPEL works in the research and development sector. Our main focus is to develop customized solutions.

Quality you can rely on.

The customer's satisfaction stands or falls with the quality of the delivered products. Due to this reason the quality assurance at BAIER + KÖPPEL plays a central role.

BEKA is certified according to DIN EN 9001 : 2015 and DIN EN 14001 : 2015.



Development, production, installation and service from a single source!



24 hours 365 days on the road for you: The BEKA-service team



Always the optimal lubrication system: Depending on the case of application, we offer our customers tailor-made configured solutions, which are made up of one or more different lubrication systems. From a simple lubricator up to high-tech maintenance systems!

Our specialists will be pleased to inform you!



The single line system

Concerning a single line system, lubricant is supplied via a main line to the distributors under intermittent pressure and is applied onto the lube points in metered quantities. The advantages of this single line system are the simple design, installation and maintenance as well as an easy retrofitting.

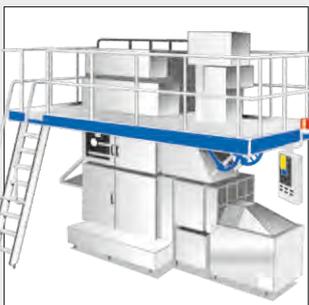
Example for application: Lube point supply of small and medium-sized machines, machine assemblies and systems like e.g. tool-, textile-, and packing machines.



The multi line system

The multi line system effectuates that lubricant is passed on via several pump outlets in particular quantities. Each outlet can be adjusted individual and is directly lead to the lube point.

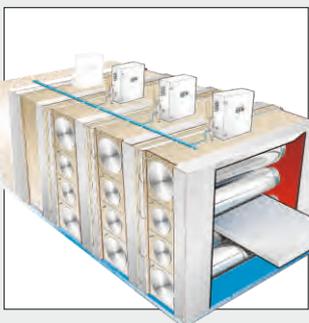
Example for application: Perfect solution for machines and machine assemblies with a small number of lube points like a presses, cranes, compressors and wind power plants.



The dual line and progressive system

The dual line system is the classic solution for big systems. An advantage of a progressive distributor is that many lube points are provided with lubricant with only one supply line.

Example for application: A dual line system is used at machines and systems whose lube points are far apart from each other like rolling mills, timber yards and overburden dredgers. Progressive system: for machines and systems with many lube points like presses, stamping machines or cranes.

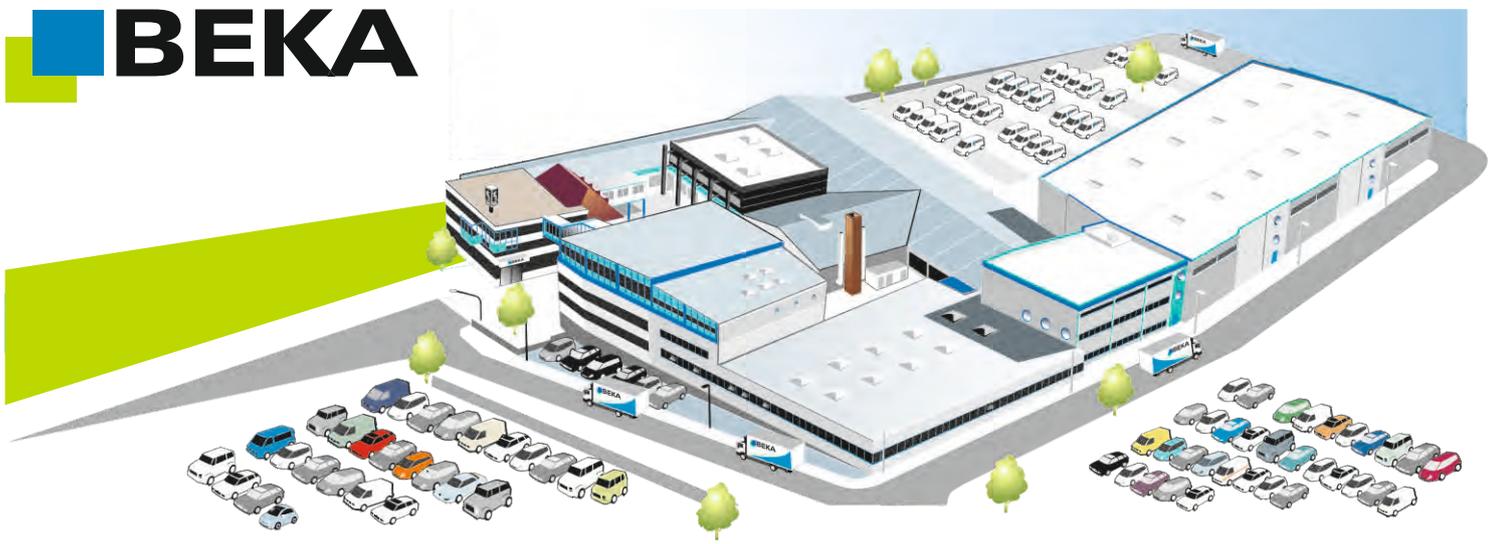


The oil circulating system

The oil circulating system is responsible for the lubrication and cooling of large machines and systems. BEKA plans and manufactures oil circulating systems, beginning from the pump station up to a complete pipe system, according to customer's demand.

Example for application: Oil circulating systems, with a circulating capacity up to 100.000 litres, are used in large presses, large transmissions, rolling mills and printing machines.





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