

ATLANTA Lubrication Systems

Electronic single and multi-point lubrication



Discover our new lubrication systems with electromechanical drive.

As a supplement to our electrochemical lubrication system, we have included three new lubrication systems with an electromechanical drive in the product range.

Type M60, M150 and **M250** are reliable and user-friendly lubricators for single-point lubrication. When it comes to supplying lubricants to multiple points, the **MD125** is the ideal solution, and the **MD400** is the ideal solution for centralized control over long distances. High reliability, precision and long-term performance of your machine are guaranteed with our new lubrication systems.

ATLANTA

„OUR PRODUCTS OFFER OUR CUSTOMERS AN INCOMPARABLE ADDED VALUE THAT WE KNOW HOW TO PROVE EVERY DAY ANEW“

Andreas Kunz | Sales Manager

Type M60, M150 and M250

Discover the reliable and user-friendly single-point lubrication system type M. With its electronically controlled, electromechanical drive, it enables precise lubrication of roller and plain bearings, toothed racks, open gears, chains and much more. The lubrication system type M is perfectly suited for the automatic lubrication of your systems. Equipped with a robust and high-precision drive motor, powered

by either a high-capacity 6V Li battery or an external 24V adapter, it delivers reliable power. The reusable drive unit is simply screwed onto a lubricant cartridge (selectable between M60, M150 or M250 ml). With a delivery pressure of 7.5 bar, the Type M works automatically and independently of the temperature for up to a year. You can flexibly set the emptying time of the dispenser (dosage of the lubricant) between

1-12 months and adjust or switch off the device at any time. The function check is carried out conveniently via a clearly visible LED, while the filling level of the lubricant cartridge can always be read through the transparent housing. After it has been completely emptied, the cartridge can simply be refilled and reused.

The advantages of Type M

- ⊗ precise, reliable delivery of lubricant
- ⊗ battery operation, voltage supply 24V
- ⊗ delivery pressure max. 7.5 bar (109 psi)
- ⊗ emptying time 1-12 months
- ⊗ operating temperature -20 °C to +60 °C
- ⊗ visual warning of malfunction (LED)
- ⊗ visual inspection of the fill level possible at any time
- ⊗ flow rate independent of temperature
- ⊗ connection of hose line possible
- ⊗ delivery of oils and greases up to NLGI-cl. 2
- ⊗ can be used outdoors
- ⊗ special fillings available



TECHNOLOGY LEADER WITH THE HIGHEST STANDARDS

Type MD125

The electromechanical lubrication system type MD125 offers you a wide range of possible uses. Thanks to the use of splitters or progressive distributors, it can even be used as a multi-point lubrication system.

The MD125 type impresses with its extremely compact pump body and its low weight, which makes it particularly attractive in areas with limited installation space. It enables precise conveyor technology and automatic lubrication of roller and plain bearings, toothed racks, open gears, chains, ball screws, spindle drives and much more.

You have the choice between two model variants: MD125-B, operated with a 4.5V battery and an operating pressure of 15 or 35 bar (switchable), and MD125-V, which is operated with 24V DC and optionally connected to existing PLC systems can be. The MD125-V variant also offers a higher operating pressure of up to 15 or 50 bar (switchable) and allows the use of a larger 250 ml lubricant cartridge. The built-in display and the microcontroller allow you to program specific lubrication intervals.

The advantages of Type MD125

- ✱ precise, reliable delivery of lubricant
- ✱ battery operation, voltage supply 24V or connection to machine control system
- ✱ delivery pressure 15-35/50 bar depending on design
- ✱ emptying time 1-24 months
- ✱ synchronization with the machine operating time possible
- ✱ operating temperature -15 °C to +60 °C
- ✱ visual warning of malfunction (LED and display)
- ✱ visual inspection of the fill level possible at any time
- ✱ vacancy report
- ✱ flow rate independent of temperature
- ✱ connection of hose line possible
- ✱ delivery of oils and greases up to NLGI-cl. 2
- ✱ compact dimensions
- ✱ special fillings available
- ✱ adaptable to splitter / distributor



Type MD400

The ATLANTA lubrication system type MD400 opens a new era in automatic central lubrication. With its exceptional versatility, both individual lubrication points and entire groups of different lubrication points can be continuously and reliably supplied with lubricant over a long period of time.

The type MD400 lubrication system is compact and powerful and is suitable for the use of oils and greases up to NLGI class 2. With a pump pressure of up to 70 bar, up to 16 lubrication points can be supplied with lubricant using distributors. It can be operated either autonomously with a 3V battery pack or via an external power supply (24V DC). Thanks to its compact dimensions, the Type MD400 is ideal for retrofit installations in a wide range of applications.



Picture description: The rack and pinion drive of a portal machine is lubricated with an ATLANTA felt gear.

Source: ATLANTA Antriebssysteme GmbH

The advantages of Type MD400

- ✱ precise, reliable delivery of lubricant
- ✱ battery operation, voltage supply 24V or connection to machine control system
- ✱ delivery pressure up to 70 bar (1015 psi)
- ✱ with a progressive distributor, up to 16 lubrication points can be controlled
- ✱ dispensing period 1-36 months
- ✱ synchronization with the machine operating time possible
- ✱ operating temperature -15 °C to +70 °C
- ✱ visual warning of malfunction (LED and display)
- ✱ vacancy report
- ✱ flow rate independent of temperature
- ✱ visual inspection of the fill level possible at any time
- ✱ connection of hose line possible
- ✱ delivery of oils and greases up to NLGI-cl. 2
- ✱ special fillings available
- ✱ adaptable to splitter / distributor



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