

# DropsA

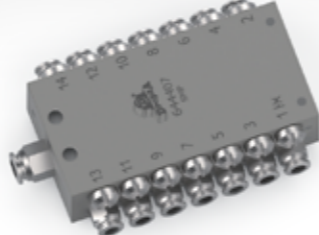
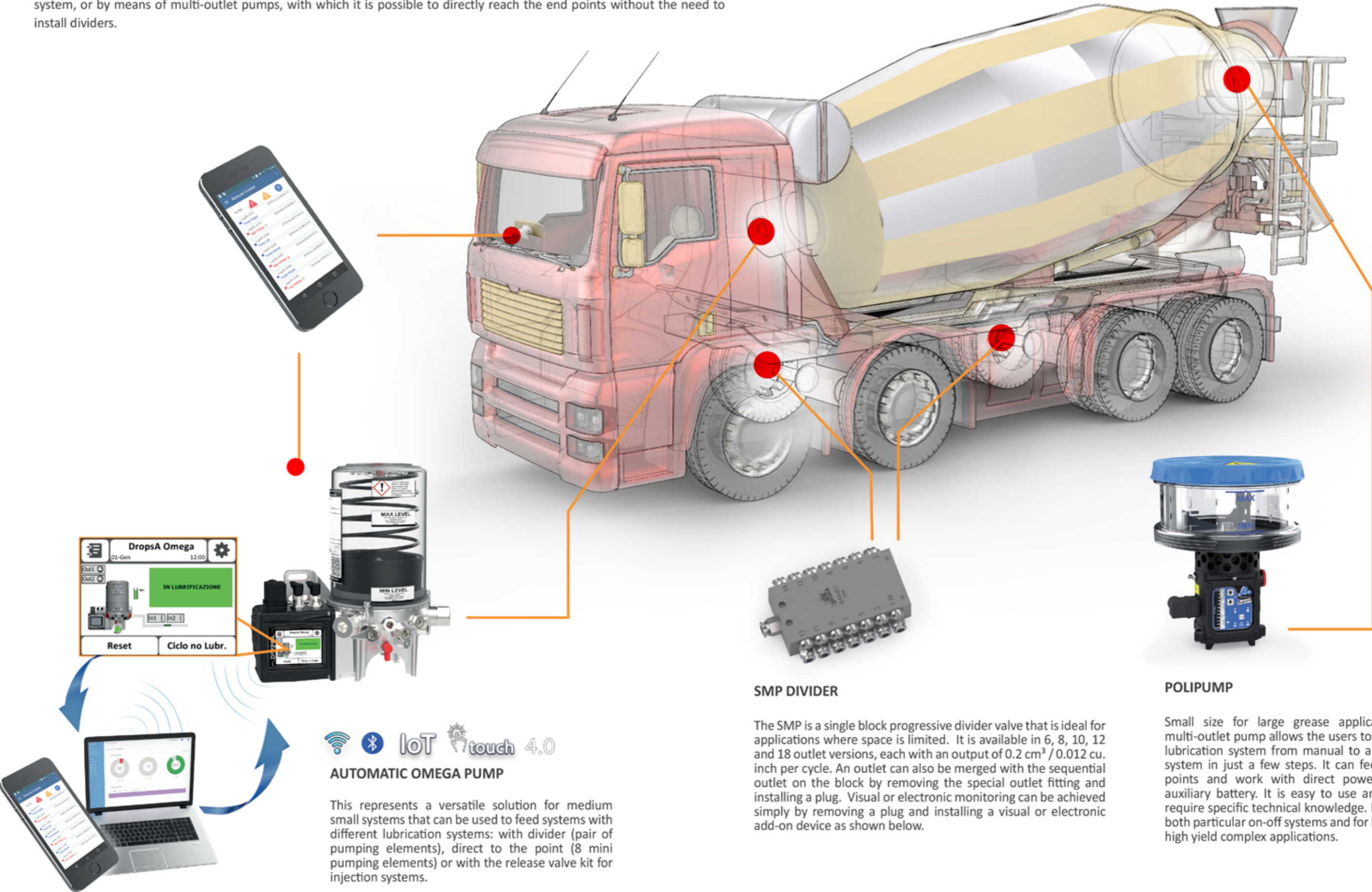
Lubrication systems specialists

**TRANSPORT, EQUIPMENT  
AND INFRASTRUCTURES**





Grease lubrication on transport machines is mainly used for gears, bearings, junctions and joints. These systems, which are usually automatic, can be implemented with single outlet electric pumps and a primary and secondary progressive divider system, or by means of multi-outlet pumps, with which it is possible to directly reach the end points without the need to install dividers.



**SMP DIVIDER**

The SMP is a single block progressive divider valve that is ideal for applications where space is limited. It is available in 6, 8, 10, 12 and 18 outlet versions, each with an output of 0.2 cm<sup>3</sup> / 0.012 cu. inch per cycle. An outlet can also be merged with the sequential outlet on the block by removing the special outlet fitting and installing a plug. Visual or electronic monitoring can be achieved simply by removing a plug and installing a visual or electronic add-on device as shown below.

**POLIPUMP**

Small size for large grease applications. This multi-outlet pump allows the users to transform a lubrication system from manual to an automatic system in just a few steps. It can feed up to 35 points and work with direct power and with auxiliary battery. It is easy to use and does not require specific technical knowledge. It is ideal for both particular on-off systems and for low cost and high yield complex applications.

IoT touch 4.0  
**AUTOMATIC OMEGA PUMP**

This represents a versatile solution for medium small systems that can be used to feed systems with different lubrication systems: with divider (pair of pumping elements), direct to the point (8 mini pumping elements) or with the release valve kit for injection systems.



Grease lubrication on transport machines is mainly used for gears, bearings, junctions and joints. These systems, which are usually automatic and controllable/monitorable from the cab, can be implemented with single outlet electric pumps and a primary and secondary progressive divider system, or by means of multi-outlet pumps, with which it is possible to directly reach the end points without the need to install dividers.

LIGHTED BUTTON

Lighted button with nut fixing.



MANUAL GREASING

The nP, nPR+ or SMX dividers are also used for manual lubrication systems. There are multiple configurations but all imply the installation of a grease nipple on the inlet of the master divider (if a system with master and secondary dividers is designed) on which a manual pump is connected using a flexible tube. As an alternative, the use of manifolds with straight or 90° nipples on one side and push-in fittings with nylon tubes till the final points on the other side, can be used and allow manual lubrication point by point.

BRAVO PUMP

Electric pump designed to work with up to three pumping units, with or without internal by-pass. Designed to work with progressive dividers it can feed several independent lines. By combining the pumping outputs it's possible to double or triple the flow. This pump is available in two versions: manual (manageable by external PLC) and automatic with dedicated control board.



nPR+ DIVIDER

The nano-Progressive Replaceable dividers are the ideal solution for oil and grease lubrication in applications that require small and precise quantities of lubricant in a compact and solid design. The NPR+ uses the innovative "rail & lock" concept that allows the element to be replaced or moved without the need to completely dismantle the assembly. This innovation allows a single element of an assembled divider to be modified or replaced. The compact size makes them particularly suitable for use in reduced spaces.

Automatic lubrication: optimisation of costs and work times



The use of lubrication systems is essential for correct machine operation, even more so when they work in heavy duty environmental conditions such as those related to transport. The installation of an automatic lubrication system allows for reduced machine downtime, control of lubricant consumption and an increased life of bearings, chains and gears. Thanks to its many years of experience and its widespread network of offices and dealers worldwide, DropsA provides specific solutions for all needs and follows the customer from the definition of the project to installation to after-sales support. The solutions proposed for the transport sector are applicable on all the various machine types:

- Trailers
- Cement Mixers
- Lorries
- Tipper trucks
- Sweepers
- Garbage trucks

Systems Solutions

- TOTAL LOSS LUBRICATION
- GREASE LUBRICATION
- AIR/OIL LUBRICATION
- OIL RECIRCULATION LUBRICATION
- MQL NEAR DRY MACHINING LUBRICATION

DropsA

Since 1946, DropsA has been producing systems and components for centralised lubrication, continuously developing new products and patents that have contributed to making the lubrication sector all over the world more innovative and competitive.

DropsA offers a vast range of products capable of maximising the profitability and productivity of your machinery, providing the latest technologies in terms of systems, functionality and components. Thanks to the branches and the specialised distribution channels, DropsA provides prompt responses, support and assistance to customers on a local or global level, guaranteeing the same high quality standards all over the world.



DropsA Production

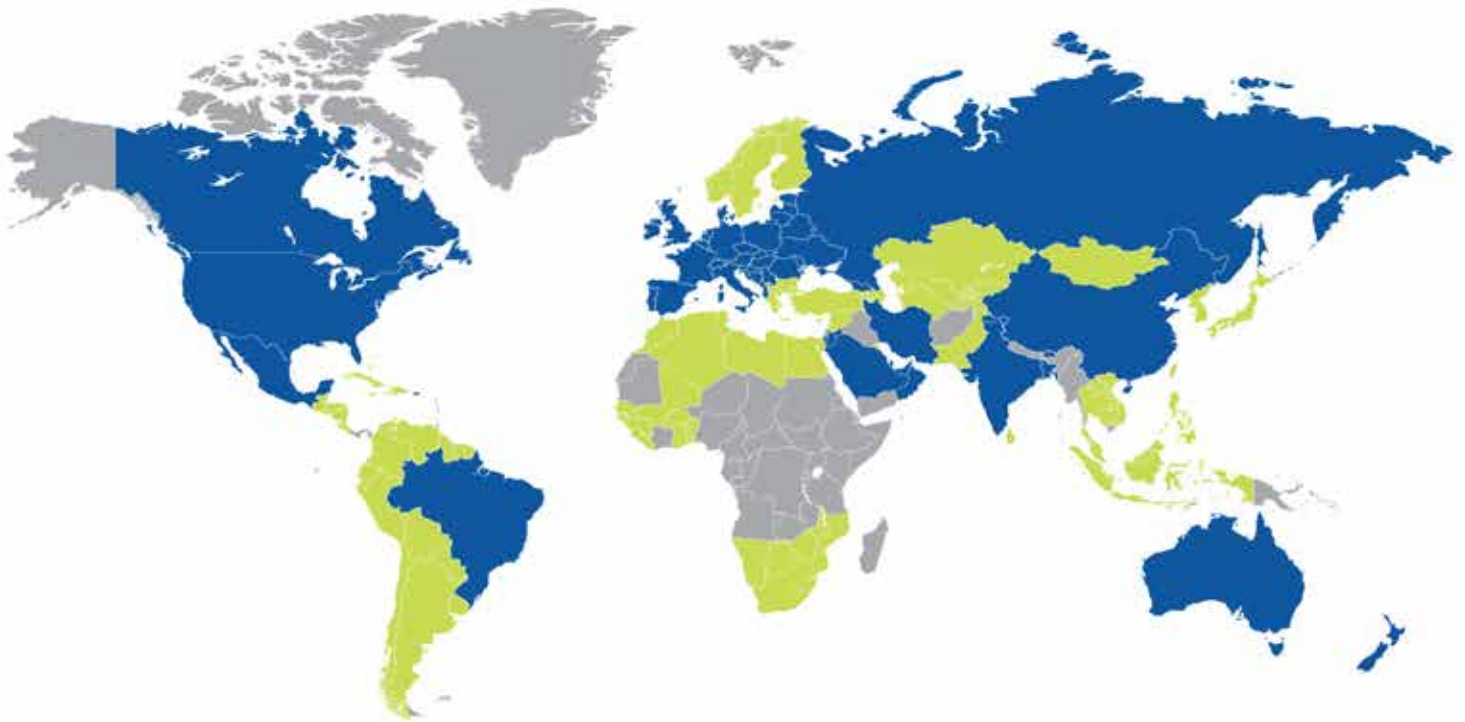
The production, processing and automated assembly systems that are in the central plant near Milan are equipped with an advanced quality monitoring and product traceability system in order to guarantee both highly efficient processing and product assembly that accurately reflects the technical specifications. Continuous investments in all of the areas of design, engineering and production of the products ensure a constant increase in the reliability of the products themselves.



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