



*The right XS for
any application!*

XS **The ultimate compact greasing system**

Almost 40 years of expertise have been combined in the new generation XS greasing system. This innovative system is our response to the increasing demand for a compact greasing system on vehicles and machines with a limited number of lubricating points.

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With XS, automatic lubrication remains cost-effective, even for machines with very few lubrication points. XS provides an economical system, that delivers the quality and reliability that our customers have come to expect.



XS Integrated concept

The pump, control unit, distribution block, metering units and the changeable/refillable grease cartridge, have been arranged into a rugged compact housing.

Comfort, reliability, reduction of costs

XS has the same advantages of a full size automatic system, with frequent and metered lubrication, resulting in minimum grease consumption and optimum lubrication. As a direct result of this, equipment has less wear and tear and seals remain in excellent condition. Maintenance costs are reduced and machine availability improves.

Easy mounting and maintenance

XS is compact, making installation simple. The system is supplied completely assembled, with the correct number of metering already installed. Should it be necessary, the system can be easily extended, to a maximum of 19 grease points. Pumps are available in 12/24 volt.

The grease cartridge can be changed quickly and cleanly, simply by unscrewing the clear polyamide outer housing, all adding to the systems ease of maintenance and efficiency.

Cartridge refilling is also possible with a special XS model, however use of a new grease cartridge always guarantees the correct quality and grade of grease.

Thanks to the standard in-cab grease pressure indicator light, system checking takes no time at all.

Cost-reducing

- Quick and easy installation
- Changeable/refillable grease cartridges
- Less wear
- Less grease consumption
- Improved machine availability
- Cost-effective

- Especially designed as a Compact Greasing System in order to keep automatic maintenance efficient, even for vehicles with less greasing points.
- Easy to install,
- Easy Refill
- Low pricing and therefore offers a great Return on Investment.





Compact and yet complete

The XS greasing system consists of the following components:

- Pump unit
- Integrated control unit
- Integrated distribution block with metering units
- Changeable/refillable grease cartridges
- Grease pressure monitoring and empty reservoir via in-cab display
- Mounting material

TECHNICAL SPECIFICATIONS

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|---|--------------------------------|
| | 0-grease XS with electric pump |
| Standard grease cartridge | 1,8 L GreenLube EP-0 |
| Suitable for grease class | NLGI-0 |
| Number of metering units / greasing points, maximum | 19 |
| Pump output, maximum (cc) | 20 |
| Ratio | - |
| Grease pressure (bar] | 55 |
| Grease pressure indicator | Yes |
| Operating temperature | -25 tot +70°C |
| Weight (incl. grease cartridge (approx. kg) | 7 |
| Input voltage (VDC) | 12 or 24 |
| Interval time electronic timer (minutes) | Can be set from 30-240 |
| Interval time | - |
| pneumatic brake counter | |
| Test button for manual greasing, once or 10 times | Yes |
| Connection externe controle lamp | Yes |



Groeneveld

Durability from within!

With almost 40 years experience, Groeneveld is developing products that help reduce our customers carbon footprint. Our products and solutions will contribute to the optimum efficiency of our customers, improving fuel consumption and reducing the waste of lubricants, all of which help contribute to a healthier environment.

At Groeneveld we not only provide our customers with solutions for efficiency, but also set high standards for ourselves internally. Groeneveld aims to optimize all business processes such as energy-efficient applications, the use of fully recyclable materials, waste management, education and training of staff.

Groeneveld Group 9001 certified - Groeneveld Italy 14001

Your efficiency is our challenge!



Greensight Active security system

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Greensight is a modular, active security system that can be composed of ultrasonic sensors, a full-colour monitor, an incab display, a smart alarm and various cameras. Greensight helps you prevent damage and personal injury. Greensight can be applied in many ways in trucks, buses, garbage trucks, trains, off-road equipment, dock cranes, etc. Greensight is the ultimate solution in areas with a high risk of injury or damage.



TWIN Heavy duty greasing systems

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Groeneveld has developed the TWIN heavy duty greasing system especially for the toughest operating conditions. Twin is a two-pipe system that is often applied to off-road equipment and other vehicles or machines that usually operate under tough conditions. A TWIN heavy duty greasing system protects throughout the service life. It is a one-off investment that amply pays back itself through lower operating costs and greater availability of the equipment.



Oilmaster Oil-level management

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Oilmaster eliminates manually checking the oil level and filling oil between times. This innovative product guarantees trouble-free oil management, reduced maintenance costs, oil consumption, time loss and environmental impact as well as constant oil quality. Oilmaster is used in combustion engines in the transport and off-road sectors and in stationary installations.

