

MAGNUM XXL II / XXLH II

Refuse collection vehicle



MAGNUM XXL II / XXLH II

Technology

In addition to a facelift, this extremely robust refuse collection vehicle has also experienced extensive ergonomic and technical improvements. With its large hopper, it is designed primarily for the collection of commercial waste and bulky waste.

The MAGNUM XXL II / XXLH II has a dimensionally stable, smooth-surfaced body with a curved contour and 2 externally along mounted reinforcing profiles. The weight of the new body was reduced. Thanks to the optimized front frame, the volume could be increased by approx. 0.7 m³ for the same wheelbase.

The H version (MAGNUM XXLH II) is 200 mm higher. This results in a volume increase of approx. 10% with the same body length.

The new operator terminal in the cab allows intuitive operation via touch or jog dial. The image is displayed on a high-resolution 7" colour TFT monitor.

With a rake rail height of more than 1000 mm this vehicle is perfect for the handling of bulky waste with open loading (without lifter). The compaction unit works semi-automatically for the safety of the operating personnel.

Alternatively, the MAGNUM II / XXLH II can be combined with various commercial lifters for the collection of large containers and commercial waste by means of appropriate tailgate preparations.

Main features

- Effective volume from 18 to 31 m³.
- Body width 2550 mm.
- Large hopper collection volume 2,3 m³.
- Front-end wall of the body 570 mm high-necked.
- Liquid-tight welded floor pan.
- Hot-dip galvanised intermediate frame.
- Side and roof ribs are optionally available for additional reinforcement and increased stability of the body. They are consistently connected to the body contour by using state-of-the-art welding processes.
- Low-wear guidance of the ejection plate on plastic slide blocks.
- Double-acting hydraulic telescopic cylinder for moving the ejection plate.
- When the function *Lower tailgate* is activated, the ejection plate automatically moves back about 500 mm.
- Maximization of the loading volume due to the convenient fraction selection on the operating terminal. In addition, the counter-pressure of the ejection plate can be customized and stored.
- Improved safety against manipulation through combined footboards (position and weight monitored).

Advantages

- Great geometric accuracy of the body through roll-formed profiles in the roof and floor area and the guide rails for the ejection plate. Efficient cleaning with minimal dirt traps.
- Sophisticated and reliable technology combined with ergonomic operation and attractive design.
- Substantially reduced maintenance costs through the standard electrical centralized lubrication with grease-level control in the cab (as an option also available for the lifter).
- Convenient access to the central electrical system through the lateral maintenance flap.
- Long life of the hopper through the use of high wear-resistant fine-grained steel (hopper 10 mm and side walls 6 mm).
- Closed construction of the guide and packer plate; thus no depositing of waste.
- Guidance of the slide block of the compaction mechanism.
- Compaction mechanism with external carrier plate cylinders, thus no direct contact with the waste.
- Advertising foils can be mounted directly on the smooth body, alternatively in the clip-on frame.
- Safety equipment in accordance with Machinery Directive 2006/42/EG, DIN EN 1501-1 and DIN EN 1501-5.



Operating controls lifter / body



Operation terminal in the cab



Maintenance flap and central electrics



Ejection plate with scrapers

Options

- ZOELLER E-PTO
- Body scales
- Special wall reinforcements
- Fire extinguisher
- Tool boxes
- Additional filters, e.g. partial-flow filter
- Maintenance flap in the body floor for the maintenance of the hydraulic pump
- LED lighting / working lamp
- Wheel-track lighting
- Tailgate preparations for large-container lifters for emptying of refuse containers 80 l to 10 m³ acc. to EN 840 and DIN 30737 (depending on the selected lifter type):
 - MEGA 456
 - MEGA 256 / 356
 - MEGA 179 / 379 / 479
- Tailgate preparations for Low-Level lifter for emptying of 2- or 4-wheeled containers in accordance with EN 840-1/-2/-3:
 - OMEGA 359
 - GAMMA 2349 / 2449
- Service contract
- Full-Service contract
- and much more ...

Refuse collection vehicle



Technik entscheidet

Technical innovations, high quality for maximum durability have made ZOELLER the largest manufacturer of hydraulic lifting/tipping devices for waste disposal

Five technically mature platforms:

- DELTA
- ROTARY
- GAMMA
- OMEGA
- MEGA

are the basis for a high degree of customer-oriented variants.

ZOELLER is a turnkey supplier for rear loader type refuse collection vehicles, delivering on the basis of the following product lines:

- MICRO
- MINI
- MEDIUM
- MAGNUM

a unique range of body versions from 2 to 31 m³.

The portfolio is rounded off by

- Sideloaders
- Interchangeable systems in different versions
- Special vehicles

ZOELLER **High-Level lifter** for closed refuse collection in residential and commercial areas

- The high performance DELTA:
The lifter system for the greatest collection performance

ZOELLER **Low-Level lifter** for open refuse collection in residential and commercial areas

- The compact ROTARY:
The lifters for flexible collection
- GAMMA:
The lifter for the individual collection
- The comfortable OMEGA:
Great functionality in solid structure

ZOELLER **Commercial lifter** for the collection of large containers and commercial waste

- The Allrounder MEGA:
The sophisticated bulk-refuse container lifter for universal applications

ZOELLER guarantees with its platform strategy in time production of highest quality and absolute flexibility for individual customer requests.

ZOELLER stands for solidity and durability, high availability, sophisticated ergonomics as well as occupational safety, economic efficiency, internationality and technical innovations.

ZÖLLER-KIPPER GmbH
Hans-Zöller-Straße 50 – 68
D-55130 Mainz
T +49 6131 887-0
F +49 6131 882 382
info@zoeller-kipper.de

www.zoeller-kipper.de