

# MICRO XL

Refuse collection vehicle



# MICRO XL

## Technology

This universal refuse collection vehicle from the MICRO series is equipped with a continuously and/or discontinuously working conveying and compacting mechanism.

When used in combination with a corresponding lifter, standard containers can be emptied in accordance with DIN EN 840-1 to 3, to collect municipal, organic and lighter material. If used as an open back compactor the unit works semi-automatically for the safety of the operating personnel.

The MICRO XL has a volume optimized, rigid, smooth-surfaced body with a curved contour. The smooth side walls are ideal as an advertising medium.

The MICRO XL is the ideal body for refuse collection in inner-city areas with narrow access roads and low passages. Ideal also for waste disposal in old town areas, during festivals and for open loading in market squares.

## MICRO XL

### Main features

- Effective volume from 7 to 8 cbm
- Body width 2000 mm
- Customized for chassis with a gross vehicle weight of 7.49 and/or 8.55 t (z. B. Mitsubishi Fuso Canter)
- Consistent lightweight construction using high-strength materials
- 2 externally mounted reinforcing profiles
- Front-end wall of the body 220 mm high-necked
- Liquid-tight welded floor pan
- Body connection without intermediate frame
- 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.
- Recyclable material circuit with infinitely adjustable valves for counter pressure adjustment of the ejection plate, adaptable to the different fractions.
- Optional combined version footboards (position and weight monitored).
- Ergonomic operator terminal in the working area of the driver.

### Advantages

- Advanced ergonomics and reliable technology
- Exceptional manoeuvrability
- Continuous operation of compaction unit enabled by guide-flap sensor.
- Substantially reduced maintenance costs through the standard electrical centralized lubrication system (as an option also available for the lifter).
- Low maintenance central-electrical system with excellent reliability.
- Long life of the hopper through the use of high wear-resistant steel (hopper 4 mm and side walls 3 mm).
- Compaction mechanism mounted on slide blocks.
- Safety equipment in accordance with Machinery Directive 2006/42/EG, DIN EN 1501-1 and DIN EN 1501-5



Lifter Omega 359 S with Joystick



Detailed view of the rear



Standard centralized lubrication



Operating controls at the rear

## Options

- Footboard RH with stand
- Fire extinguisher
- Toolbox
- A-sign
- LED package
- LED working lamp
- Wheel-track lighting
- Tailgate preparations for Low-Level lifters for emptying of 2- or 4-wheeled containers in compliance with EN 840-1/ -2/ -3:
  - OMEGA 359
- Service contract
- Full-service contract
- and many others ...



## 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 m<sup>3</sup>.

The portfolio is rounded off by

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

ZOELLER **Commercial lifter**

for the collection of large containers and commercial waste

- 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, profitability, internationality and technical innovation.

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