

MICRO HGL

Refuse collection vehicle



Illustration shows options

MICRO HGL

Technology

This versatile refuse compacting body MICRO HGL is equipped with a hydraulic ejection plate for the compaction and emptying. In the basic version, the body can be loaded from both sides by hand via the loading doors. Alternatively, the loading can also be done manually on the left side and on the right side with a hydraulic lifter for 80-240 litres containers according to EN 840-1.

The maximum possible pressing force - regardless of the position of the ejection plate - is 8,000 kN.

Due to the variable design of the body (lengths, widths and heights), the MICRO HGL basically fits the following types of chassis:

- Transporter chassis 2.8 to 3.5 t (3.88 t loaded) gross vehicle weight
- Light-truck chassis 3.5 t gross vehicle weight
- Roll-off tipper chassis (as an interchangeable body)

Depending on the chassis, the body drive is controlled by the chassis hydraulics, the auxiliary drive (except bodies with lifter) by an electro-hydraulic power unit. With an electro-hydraulic drive, an emission-free body operation is possible with the chassis engine switched off.

MICRO HGL

Main features

- Effective volume from 3 to 4 cbm depending on the chassis
- Weight reduction of 200 kg compared to MICRO HG
- The body width can be adapted to the chassis width
- High manoeuvrability due to short overhang combined with short wheelbase
- Control unit with all functions on the body left and right
- Works with 2 parallel hydraulic cylinders
- In contrast to the cross arrangement of the cylinders, full pressing force in every position of the ejection plate
- Fitted with storage boxes according to customer requirements depending on the free space
- Suitability for chassis without auxiliary drive, in that case use of an electro-hydraulic power unit
- Control by a SAFETY PLC with approval in accordance with the vehicle EMC Directive
- Easy operation of the discharge door by support with gas pressure springs. The discharge door is triple locked and lockable
- Maintenance-friendly access to control and hydraulic system
- Smooth-running sliding doors with secure locking in the end positions through door retainers

- Sophisticated and reliable technology with easy operation
- Maximum (material-dependent) compression 4:1

Range of application

Thanks to its compact design and high manoeuvrability, the MICRO HGL is ideal for use in the following disposal areas:

- Waste-paper baskets in pedestrian areas
- Areas with weight limits or limited clearance height
- Old towns with narrow and winding streets
- With lifter an all-round vehicle for special operations



Illustration shows options



LED working lamp (option)



Fire extinguisher and camera (options)



Hand-wash device (option)



Hydr. discharge door (option)

Options

- Lifter type SL 240 for 80-240 litres containers
- Container stop for SL 240
- Electro-hydraulic drive 12V / 2 kW
- Preparation for container identification MOBA
- Storage box between body and cab
- Sliding door also on the lifter side
- Fire extinguisher
- Tool box
- Transport device for 120-240 ltr. containers or waste-paper basket inserts
- LED working lamps on the sliding doors and/or the lifter
- Reversing camera
- Lockable sliding door locks
- Plastic stop buffer on the sliding doors
- Button for manual ejection-plate movement
- High-pressure filter
- Hand-wash device

and many others ...

Some examples of body-chassis combinations

Model	Wheelbase	Comment
MICRO HGL 3,5		
VW T6	3400 mm	
MICRO HGL 4		
SPRINTER 3,5 t or 3,88 t	3250 mm	
VW CRAFTER 35	3640 mm	

For detailed interfacing information of body and chassis, please contact your sales representative; these can be found on our homepage under www.zoeller-kipper.de.

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 and 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 product lines:

MICRO, MINI, MEDIUM and MAGNUM

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

The portfolio is rounded off by:

Side loader, interchangeable systems and special vehicles.

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.