

MICRO HG

Refuse collection vehicle



Illustration shows options

MICRO HG

Technology

This versatile refuse compacting body MICRO HG 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.

Lifters are available for 80-240 litres container acc. to EN 840-1, the MICRO HG 5 up to 770 litres containers acc. to EN 840-2 and the MICRO HG 6 up to 1100 litres containers acc. to EN 840-2/EN 840-3. The maximum possible cylinder pressing force is 16,000 kN.

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

- Transporter chassis from 3.5 t gross vehicle weight
- Chassis (even as interchangeable body)
- Roll-off tipper chassis
- Truck chassis

By adjusting the pressing stroke, the MICRO HG can be optimally adapted to the waste type. 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 HG

Main features

- Effective volume from 2.5 to 6 cbm depending on the chassis
- The body width can be adapted to the chassis width
- High manoeuvrability due to short overhang combined with short wheelbase
- Fitted with storage boxes according to customer requirements depending on the free space
- Stable and torsion-resistant body structure
- Infinitely adjustable pressing stroke
- Movement of the ejection plate with a hydraulic telescopic cylinder
- Control unit with all functions on the body left and right
- Control by a SAFETY PLC with approval in accordance with the vehicle EMC Directive
- Easy operation of the discharge door by means of gas pressure springs. The discharge door is triple latched 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 5:1

Range of application

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

- Pedestrian areas
- Waste-paper baskets
- Domestic waste
- Recovered paper
- Cemeteries (emptying of wire basket possible)
- Farms in remote locations
- Farmer's markets
- Areas with limited permissible ground pressure and limited clearance height
- Old towns with narrow and winding streets
- Industrial facilities and plants
- Depending on season, as interchangeable body, e.g. with winter-service technology
- 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)



Interchangeable body available (option)

Options

- Side lifters type SL 240, 660, 1100 for 80-240, 80-360, 660-770 and 660-1100 litres containers acc. to EN 840-1,2 and 3 with comb and/or folding arms (according to the agreement)
 - Stops for the containers according to the agreement
 - Preparation for container identification MOBA
 - Storage box between body and cab
 - Hand-wash device
 - Fire extinguisher
 - Tool box
 - Sliding door also on the lifter side
 - 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
 - hydraulic actuation of the discharge door (opening, closing and locking)
 - Lockable sliding doors
 - Interchange equipment according to the possibilities of the chassis
 - Plastic stop buffer on the sliding doors
 - Interchange equipment for roll-off tipper chassis
 - Button for manual ejection-plate movement
- and many others ...**

Refuse collection vehicle

Technik entscheidet

Some examples of body-chassis combinations

Model	Wheelbase	Comment
MICRO HG 2,5		
Multicar M29		
BOKI		
MICRO HG 3		
Multicar M31	2450 mm	
BOKI		
MICRO HG 3,5		
SPRINTER 3,5 t or 3,88 t	3250 mm	
VW CRAFTER 35	3640 mm	with tool chest between body and cab
IVECO 35	3000 mm	
MICRO HG 4		
Multicar M31L	2990 mm	
LADOG		
BOKI		
MICRO HG 4,5		
SPRINTER 5 t or 5,5 t	3665 mm	Manual or automatic transmission
VW CRAFTER 5 t or 5,5 t	3640 mm	Manual transmission
Mitsubishi Fuso-Canter 6S15	2800 mm	
IVECO		
MICRO HG 5		
SPRINTER 5 t or 5,5 t	3665 mm	Manual or automatic transmission
VW CRAFTER 5 t or 5,5 t	3640 mm	Manual transmission
Mitsubishi Fuso-Canter 6S15	2800 mm	3400 mm with tool chest between body and cab
IVECO 70ML	3750 mm	Manual or automatic transmission
MICRO HG 6		
Mitsubishi Fuso-Canter 7C15	2800 mm	3400 mm with tool chest between body and cab
ATEGO 8.18	3020 mm	with tool chest between body and cab
IVECO 70ML	3750 mm	Manual or automatic transmission

For detailed interfacing information of body and chassis, please contact your sales representatives, 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 following 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.

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