

MICRO HGHK

Refuse collection vehicle



Illustration shows options

MICRO HGHK

Technology

Due to its conceptual design, this versatile refuse compacting body HGHK offers the possibility of disposal of large containers with small vehicles. By rear-end loading in the roof area, the largest possible filling level of the body is achieved during lifter operation.

The MICRO HGHK is equipped with a roof-mounted pendulum shield for compaction. Emptying takes place by means of tipper hydraulics to the rear.

The body can be filled manually on both sides via the lateral loading doors.

Alternatively, the loading can be carried out with the standard rear-mounted hydraulic lifter for 80-240 ltr. containers acc. to EN 840-1, for 660-770 ltr. containers acc. to EN 840-2 and optionally up to 1100 ltr. containers acc. to EN 840-2 or EN 840 -3 (HL 1100 A).

The maximum possible cylinder pressing force is 12,000 kN.

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

- Chassis with existing hydraulic system and rear tipping device
- Roll-off tipper chassis (as an interchangeable body)
- Truck-tipler chassis from 5 t gross vehicle weight with auxiliary drive

MICRO HGHK

Main features

- Effective volume from 3 to 7 cbm depending on the chassis
- Basic version with 2 loading flaps and rear lifter HL 660 with lifting comb for 80-770 ltr. containers (folding lid)
- Wide variety of body lengths, body widths and body heights
- Maximum utilization of the body space
- Control unit with all functions on the body left and right
- Simple discharge by tilting backwards (cone-shaped body)
- Easy-to-clean body, since the pendulum shield is located in lifter flap
- Minimal wear due to elimination of guide elements in the body
- Good accessibility to body and chassis assemblies by tilting the body
- High manoeuvrability due to short overhang and large ground clearance
- Favourable centre of gravity of the body in the area of the chassis rear axle
- Control by a SAFETY PLC with approval in accordance with the vehicle EMC Directive

- Waterproof up to lower edge of manual-loading opening
- 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 HGHK is ideal for use in the following disposal areas:

- Organic waste
- Domestic waste
- Recovered paper
- Recycled glass
- Problematic waste, e.g. household waste with a high proportion of ash
- Old towns with narrow and winding streets
- Cemeteries (wire basket emptying possible)
- Depending on season, as interchangeable body, e.g. with winter-service technology



Illustration shows options



Lifter HL 1100 A (option)



Working lamp LH (option)



Bulkhead fitting (option)



Container stop for HL 1100 (option)

Options

- Lifter type HL 1100 A with lifting comb and trunnion receiver
- Automatic compaction = automatic compaction start-up after completion of the loading process
- Control unit with all functions on both sides of the body
- Additional wander lead control for the lifter operation
- Preparation for container identification MOBA
- Adapter for emptying wire mesh baskets (e.g., Hydrobox)
- Fire extinguisher
- Tool box
- LED working lamp
- Positively driven container stop depending on lifter type
- Interchange equipment according to the possibilities of the chassis
- Tipper auxiliary frame (if not available on chassis)
- High-pressure filter

and many others ...

Some examples of body-chassis combinations

Model	Wheelbase	Comment
MICRO HGHK 3		Only with lifter HL 360
BOKI	2700 mm	
MICRO HGHK 4		
Multicar M31	2450 mm	
MICRO HGHK 4.5		
Multicar M31L	2990 mm	
LADOG	2800 mm	
BOKI	2700 mm	
MICRO HGHK 5		
Mitsubishi Fuso-Canter 6S15	2500 mm	
MICRO HGHK 6		
Mitsubishi Fuso-Canter 7C18	2800 mm	
MICRO HGHK 7		
Mitsubishi Fuso-Canter 7C18	3400 mm	
DAF LF 150FA	3150 mm	

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.