

# Lifter DELTA -2316

High-Level Lifter



## Lifter DELTA -2316

The split automatic lifter with two independent lifting and tipping units and lifting combs has a new functional design and has undergone extensive ergonomic and technical improvements:

Multi-part side panels for easy maintenance

Increased ease of use thanks to ergonomically arranged controls with increased protection and encapsulated construction

Integrated working lamps for optimal illumination of the working area

Preparation for additional cameras (footboard monitoring / 270° / 360° birds-eye view) located laterally next to the working lamps and the upper rear-working-area monitor

Integrated LED vehicle lighting in the upper lamp holder

Selectable operating modes for manual, semi- or fully automatic emptying process, switching between single / combined mode

New container retention with improved kinematics and integrated lid-opener rails for 4-wheeled containers with dome lid

Safety controller with integrated display, external interface and keyboard for diagnostics and system management

Active safety sensors to avoid failures and maloperations

Folding safety barriers with flexible barrier end, proven mechanical working-area protection

### Lifter DELTA -2316

#### Market sector

- Residential and commercial areas
- Optimal for 2-men-operation with two independent lifter units

#### Container range

- 80-340 ltr. bin EN 840-1
- 500-1200 ltr. container EN 840-2 - flat-lid
- 770-1300 ltr. containers EN 840-3 - dome lid
- Special containers depending on model

#### Power source / Method of operation

- Separate lifting/tipping movement via hydraulic lifting cylinders with connected lever parallelogram,
- Linear, vertically directed lifting movement in the container pickup and depositing phase
- Rigid, passive container locking and subsequent swinging movement via proven hydraulic ZK tipper unit
- Passive DOWN movement via gravity

#### Mounting

- mounted with supportive tailgate structure and special tailgate preparation

#### Advantages

- Support-strip range RCV from 950-1200 mm
- Large ground clearance of the lifting carriage to prevent damage through touch-down impact or while reversing
- Emptying process with low dust/noise emissions and low-stress container handling
- Great ease of use and high collection performance
- Low accident risk through EU-compliant
- Safety technology
- Basic components from the long-proven DELTA series
- Short vehicle overhang
- High vehicle payload through lightweight construction
- Smooth, easy-to-clean housing surfaces



Operating controls



Container retention system



Low maintenance lateral panels



Split lifting carriages

## Lifter DELTA -2316

### Versions

- Model versions with weighing / identification-system preparation
- Model versions with DIN and/or special-container folding arms

### Options

- Dust-curtain equipment
- Opening for bag collection
- Internal or external, pivoting safety barriers
- Sensor-controlled working-area protection
- Pre-installation for reverse-warning systems
- Lighting acc. to ECE 48-R-, LED
- Pickup of special containers
- Central lubrication
- and much more

## ZOELLER Lifter



MEGA -456

ROTARY III -2406

GAMMA -2349

OMEGA -359

## 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:

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

ZOELLER **Commercial lifter**

for the collection of large containers and commercial waste

- Allrounder MEGA:  
Well-engineered skip-container lifter for universal use

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.

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