

SLF

Side loader



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This side loader allows the classical one-man operation. The loading process is controlled from the cab by means of a Joystick. The actual emptying cycle of a container takes approx. 6 seconds. The side loader can be delivered with a container volume of 14, 16, 18 or 22 m³.

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Loading

- From driver's cab with Joystick
- Continuous and fast emptying of the feed hopper

Lifter

- Laterally extendable clamping lifter system, equipped with two rubber straps to protect the containers from damage
- Emptying of 60 l / 80 l and 120 l / 240 l containers
- Pickup containers up to a distance of 2.600 mm from the outer part of the vehicle
- Maximum lifting weight 150 kg

Compaction

- With a pivoting plate – Paddle
 - Attached to a strong vertical drive shaft
 - Moved by 2 double-acting hydraulic cylinders
- Extremely quiet and effective compaction process

Emptying

- By tilting the body approx. 40° with 2 single-acting telescopic cylinders
- Rear door is opened and closed hydraulically and remains automatically locked during the loading cycle

On-board electronic / control system

- In-cab graphical operating terminal
- Pivoting-plate cylinder electrically driven by a control unit in the cab
- Proportional speed control of movement by Joystick

Effective volume

- Container volume including tailgate: 14, 16, 18 or 22 m³

Chassis

- Standard 2- and/or 3-axle municipal chassis
- Short wheelbase by centrally locating lifter below loading and compaction system

Options

- Weighing and identification system
- Emptying of 360 l containers
- Maximum lifting weight 175 kg



Rubber strap device for 2-wheel/240-l container



Drive unit – side lifter



Compaction unit – Paddle



Joystick



Unloading position

SLF Side loader



Technik entscheidet

Technical innovations and pursuit of high quality for maximum lifetime made ZOELLER the largest manufacturer of hydraulic lifter systems for waste disposal. Five technically fully perfected platforms, DELTA, ROTARY, GAMMA, OMEGA and MEGA are the basis for a large variety of customer-oriented lifters. ZOELLER, as integrated supplier of rear-end refuse collection vehicles, offers a unique range of body versions from 2 to 31 m³ on the basis of the product lines MICRO, MINI, MEDIUM and MAGNUM. The portfolio is completed by side loaders and inter-changeable systems in various designs as well as by special vehicles.

ZOELLER High-level lifter for closed refuse collection in residential and industrial areas

- The high-performance DELTA:
The lifter system with best performance

ZOELLER Low-level lifter for open refuse collection in residential and industrial areas

- The compact ROTARY:
Lifter systems for variable refuse collection
- GAMMA:
Lifter systems for individual refuse collection
- The comfortable OMEGA:
High functionality in solid construction

ZOELLER Trade lifter for emptying of large containers and collection of industrial waste

- The all-rounder MEGA:
Well-engineered skip-container lifter systems for universal use

ZOELLER guarantees on the basis of its platform strategy production on schedule and of highest quality and absolute flexibility for individual customer requirements.

ZOELLER stands for solidity, long life, availability, technically mature ergonomics as well as occupational safety, cost-effectiveness, internationality and technical innovation.

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