

SLF XL II

Side loader



SLF XL II

Technology

ZOELLER presents the SLF XL II as a development of the SLF XL. In addition to a facelift, it has also undergone extensive ergonomic and technical improvements.

The SLF XL II is a flexible side loader for one-man operation with several lifter versions for RHD or LHD chassis versions.

The pendulum press compactor of Generation II with an increased penetration depth of the pendulum compactor into the body (+ 85%) for increased payload. The compactor offers a large working volume, maximum availability and minimized maintenance costs, e.g. through the hydraulic cylinders located outside of the compactor.

Increased payload (> 500 kg) by reducing weight on several assemblies.

Loading is controlled automatically from the cab with a joystick or semi-automatically from an ergonomic control panel next to the lifter.

The short-wheelbase chassis in connection with 28 cbm volume results in a high manoeuvrability of the vehicle with optimum load capacity and low body height.

Loading

- With the compact Joystick in driver's cab or at the control panel next to the lifter.
- Large hopper pickup-capacity of 3,2 cbm. This allows emptying of several 1,100 litres containers one after another.

Lifter

- Laterally extendible, with a lifting comb movable up to 100 mm forwards and backwards.
- Emptying of 2- and 4-wheeled containers acc. to DIN EN 840-1 to -3 (80-1,100 litres containers).
- Workspace of the lifter from 650 to 2,300 mm from the vehicle outer edge (with 240L containers).
- As an option with lifter TC 2200 with double lifting comb or double DU-pickup device for 60 to 2200 ltr. containers, also for underground containers.
- Maximum lifting capacity of 550 kg (lifter C 1100) and/or 750 kg (lifter TC 2200).
- Extended opening angle of the movable container clamp to 65 °.
- Improved emptying of the MGB containers by reducing the loading angle to 33 ° at the same loading height.
- Improved close-pickup: approx. 200 mm.

Compaction

- Pivoting movement of the compacting ram. Easily accessible hydraulic cylinders arranged outside of the compactor which drive the plunger via a shaft.

- Due to the 130 mm larger clearance between the compactor arms, scrapers are no longer required.
- No cavities in the compactor hopper where waste can accumulate.
- A compaction cycle takes about 13 seconds: Pressing stroke 7,5 sec. + return stroke 5,5 sec.

Emptying

- By tilting the body by approx. 40°. Stability through 2 tipping cylinders locked in the emptying position.
- The discharge door is opened and closed hydraulically and remains locked during loading.

On-board electronics and controlling

- The colour 6,7"-TFT monitor in the cab is used for interfacing with the body control.
- A control stand next to the lifter offers various functions, for example the possibility to semi-automatic emptying of containers and further functions.
- Control via cameras:
 - On the lifter with the view on the comb
 - For the loading area
 - Optionally at the discharge door (rear space).

Chassis

- Standard 3-axle-municipal chassis with trailing axle.
- Short wheelbase, e.g. 4000 / 1350 mm, depending on the chassis type.



Control panel next to the lifter



Operation terminal in the cab



Lifter C 1100



Joystick

Options

- Preparation for common identific. systems
- Container counting and identification of container types 120, 240, 1100 ltr.
- Visy system integrated in the rear cover
- Steelwork preparation for weighing systems
- Enlarged tailgate for 3 cbm more loading volume
- Shaking of compactor
- Compaction boost
- Hydraulic lid stop with programmable intermediate stages for containers up to 2.2 cbm
- Additional monitor in driver's cab
- Additional front camera for the oncoming traffic
- Optional large version Joystick
- Remote data transmission via modem
- LED working lamp
- Wheel-track lighting
- Axle-load display
- Arm rest
- and many others ...

Lifter versions

- Flex C 1100 - max. lift. capacity 550 kg
- Flex TC 2200 - max. lift. capacity 750 kg

Side loader

Body versions



Technik entscheidet

The ZOELLER side loader family consists of the following products:

SLF

Fix body with pivoting compactor
Volume from 15 to 22 cbm

Lifter series FLEX in the following versions

- Single lifting comb for 120 to 360 ltr. containers
- Single Diamond pickup dev. for 120 to 360 ltr. DU containers

Lifter series GRABBER

- Single clamp-device for 120 to 360 ltr. containers

SLF XL II/SLF XL II II

Fix body with pendulum compactor
Volume from 28 to 31 cbm

Lifter series FLEX C 1100 in the following versions

- Single lifting comb for 120 to 360 ltr. containers
- Double lifting comb for 120 to 1100 ltr. containers
- Single Diamond pickup dev. for 120 to 360 ltr. DU containers
- Double Diamond pickup dev. for 120 to 1100 ltr. DU containers

Lifter series FLEX TC 2200 in the following versions

- Double lifting comb for 60 to 2200 ltr. containers
also for underground containers

Lifter series HEAVY DU

- Double Diamond pickup dev. for skip containers DU 1.0 to 3.5 cbm
acc. to DIN 3067

LoToS SL

Interchangeable body with cork-screw
compaction unit and chain device

Lifter series FLEX in the following versions

- Single lifting comb for 120 to 360 ltr. containers
- Double lifting comb for 120 to 1100 ltr. containers
- Single Diamond pickup dev. for 120 to 360 ltr. DU containers
- Double Diamond pickup dev. for 120 to 1100 ltr. DU containers

Lifter series GRABBER in the following versions

- Single clamp-device for 120 to 360 ltr. containers
- Double clamp-device for 120 to 360 ltr. containers

ZOELLER stands for solidity and durability, high availability, advanced ergonomics and occupational safety.

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