



REFUSE COLLECTION VEHICLES

**NEW
GENERATION**

- ⊕ Economical
- ⊕ Stable
- ⊕ Clean
- ⊕ Safe

SIDEPRESS C1100

**RELIABLE
PROGRESSIVE**

 **FAUN**
KIRCHHOFF GROUP

SIDEPRESS C1100

The side loader

Fast and innovative

The new FAUN SIDEPRESS combines a high usable volume with fast loading and high-performance compaction in a one-man-operation vehicle.

The new design of the liquid proof pendulum compactor and the new body container, together with the elegantly encased lifter, form a single, fully integrated unit. Through the repositioning of the lifter, the envelope curve of the motion path has been shortened, and lateral kick-out has been reduced. The lifter is operated from the driver's seat using a joystick, with right or left-handed steering options.

Although the body weight has been reduced to approximately 7,400 kg, capacity has increased to 28 m³. Thanks to the enlarged hopper, multiple classic waste bins up of to 1.1 m³ can be picked up in quick succession. In addition, the hopper volume is designed for the new type of stationary container with a capacity of 2.2 to 3.2 m³.

The waste is compacted in the new pendulum compactor on the way to the next stopping point. The low-wear rotation is driven by externally located packer cylinders. Both the bearings and drive are protected under a cover, but are in an easily accessible location outside the dirty area. This means a lot less wear and, as a result, less frequent and faster maintenance on the bolted packer plate.

An investment for the future

The SIDEPRESS C1100 from FAUN is the cost-effective and efficient one-man refuse disposal solution for residential areas with waste bins with a capacity of 60 to 1,100 l.

Our strength – dialogue with the customer

Close liaison with our customers all over the world enables us to provide customised vehicles for every waste disposal task.

No matter what your plans are: Our large range of different waste disposal vehicles will always provide you with the right, and therefore the most economic, solutions. Our customers particularly value our broad range of after sales support: You can obtain original spare parts directly from our spares service within 24 hours. We also offer an individually tailored online spare parts catalogue for each vehicle.

FAUN's services provide you with tailored financing options for your vehicle fleet: no matter whether it's a hire or lease agreement. You get everything from the manufacturer. Regular maintenance and inspections are also all part of the comprehensive FAUN service.



Ergonomic operation

The driver controls the lifter via an ergonomic joystick attached to the arm rest. You can choose between right or left-handed steering.



The birdview option

With the assistance of four cameras mounted on the vehicle and a monitor in the driver cab, the driver can get a virtually complete view all around his vehicle at a glance.



The external controls

If many containers are to be picked up from one location, the driver can get out of the cab, manually place the containers in the lifter and control the tipping via the external joystick.



The container stop

Effective and careful bin shaking is possible, when necessary. The two-stage container stop automatically adjusts to the size of the container in question and prevents windspill.



The new lifter

The new lifter boasts an increased lifting force of 550 kg and reduced kick-out. These improvements mean that the vehicle can now collect two and four-wheeled refuse containers on narrow streets. The new stainless steel casing on the lifter not only protects the components, but also looks great and makes the area easier to clean. The lifter can also be controlled by joystick via the cameras and monitor.



The decentralised hydraulics

The three valve blocks of the SIDEPRESS are mounted next to the consumers. This means savings on hydraulic hose required, reduces heat loss and therefore fuel consumption, and keeps noise down.



The protected control centre

The valve blocks, the packer cylinders and the electrical control system are all located outside of the compactor – protected under a cover while remaining easily accessible.



Impermeable

The liquid proof hopper is welded directly to the compressor. The rounded shape inhibits residues and facilitates cleaning.



The dirt water tank

The lower part of the container lid can be ordered as a waste water tank as an option. Thanks to its position at the lowest point towards the rear of the body, fluids collect at this point and relieve the front axle of this weight.



Safe emptying

The body is tipped for emptying via two telescopic cylinders. The body is attached to the highly torque-resistant intermediate frame at four points for exceptional stability.



The FAUN modular system

FAUN is famous for proven quality and high spare parts availability. The locking mechanism and seal of the rear section are series-produced components.



The new design

The SIDEPRESS C1100 features a modern, flat container design with large advertising areas. The smooth-sided container has no areas that can trap residues, making it easy to clean and less susceptible to corrosion.

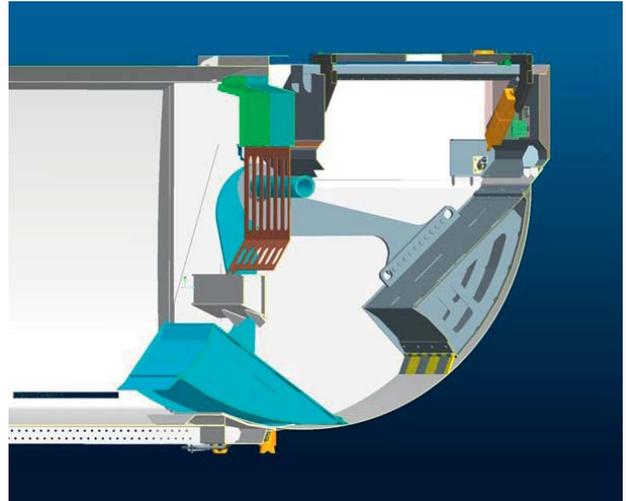


Precise production

FAUN relies on quality. The robot-welded body is shot blasted before painting.

The new pendulum compactor

With a capacity of around 3,200 l, the liquid proof collection hopper can rapidly accommodate multiple containers in succession. The press piston – a screwed pendulum with self-adjusting scrapers – pushes deep down into the container. With a short cycle time of approx. 10 seconds, the system compacts even large quantities of waste quickly. The drive and bearings for the compressor are now positioned outside the dirty area for protection and reduced wear.



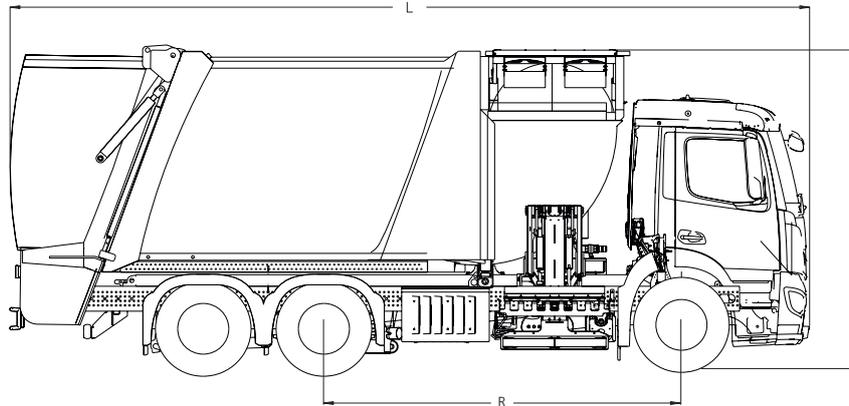
FCS – FAUN CONTROL SYSTEM

The FAUN CONTROL SYSTEM (FCS) can be harmoniously integrated into the cockpit of the driver's cab with just a few attachments. The system is based on a modern, future-proof CAN (Controller Area Network) bus controller. The surveillance system to the rear and the lighting control, as well as various analysis tools, are pre-installed. All the

system's reports can be read digitally and analysed for your control procedures. All the connectors, contacts and modules are, of course, sealed so that they are watertight and the workmanship of the system components meets European standards.



SIDEPRESS technical data



Body	
Length approx. [mm]	6,888
Width approx. [mm]	2,500
Height approx. [mm]	2,682

EXAMPLE OF WHOLE VEHICLE	
Length (L) approx. [mm]	8,944
Width (W) approx. [mm]	2,550
Height (H) approx. [mm]	3,586
Wheelbase, normal driver cab (R) approx. [mm]	4,000 + 1,350

- ⊕ **CONTAINER VOLUME**
increased to **28 m³**
- ⊕ **WHEELBASE REDUCED**
by 200 mm to **4,000 mm**
(EURO6)
- ⊕ **COMPACTOR VOLUME**
increased by 24% to **3.2 m³**
- ⊕ **BODY WEIGHT**
reduced to **7,400 kg**



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