



## **SIDEPRESS X**

*cost-effective refuse collection  
and transportation*

versatile ■  
independent ■  
efficient ■

# Rapid single man operation

Innovative automated technology for cost-effective residential waste collection and with the perfected solution for transportation transport logistics. Because it is one-man operated, the SIDEPRESS X is the logical solution that quickly makes financial sense, especially for areas of relatively low bin density. The SIDEPRESS X can be used to collect household wastes of all fractions in bins ranging MGB or DU from 60 to 1,100 l in size. Optionally, four-wheeled bins of up to 1.1 m<sup>3</sup> can be presented for collection by hand. And the SIDEPRESS X doesn't hang around either. Up to 1,100 bins can be emptied per day on a regular basis, depending on bin density, making it as efficient as any rear-loading refuse collection vehicle.

# Flexible transportation logistics

It often makes sense to separate refuse collection and transportation operations. This allows the collection vehicle to stay out on its round, giving it more time to do the job it was designed for, collecting waste. This is a good idea not only when large distances or congested traffic conditions have to be overcome. It often represents an intelligent solution in multi-shift systems, too. The FAUN demountable container system offers customers a variety of options. On level paved surfaces, containers can be transferred onto trailers or railway trucks without the need for extra equipment. And they can also be emptied straight from the collection vehicle, on completion of its last collection without any additional equipment being required. The lightweight FAUN demountable container system weighs less than 1 tonne, yet is capable of lifting up to 14 tonnes.

### Great pulling power

- 1 The operator drives the SIDEPRESS X up to the refuse bins.
- 2 And extends the lift-and-tip mechanism until the comb lift is underneath the bin. To ensure the container is in the correct position, the lift-and-tip mechanism can be moved from side to side.
- 3 During lifting the bin rests on the comb and is automatically locked in position.
- 4 The adjoining tilt movement can be automatically activated if required.

**XPRESS-Containers in all sizes**  
The choice is yours, and FAUN will be only too pleased to advise you which types of container will go best with your existing equipment.

From 15' (4.5 m), 5 m, 5.5 m to 20' (6 m) – we've got them all. And it goes without saying that they all offer full compliance with the established standards ISO (15' and 20') and DIN 30722 for hook-lift style roll-off containers.

● Handled using telescopic hook loaders, the 4.5 m and 5 m XPRESS-containers have been optimised for use in volume-oriented, three-component long-distance road haulage operations (train length: 18,750 mm). Moreover they offer the greatest payload.

As you would expect, this refuse collection vehicle is extremely manoeuvrable. ● 5.5 m and 6 m XPRESS-containers for use in conjunction with two-component tractor-trailer rigs offer the great payload potential and also permit loading, transport, unloading and emptying using conventional trailers and hook equipment.

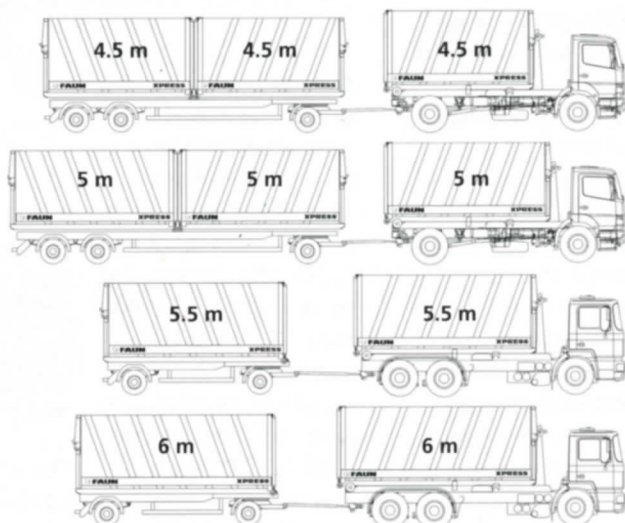
Thanks to its rear-steer axle and short overhang, manoeuvring the SIDEPRESS X is child's play.

**New forms of organisation offer potential for savings:**

● If needs demand, the SIDEPRESS X can also tow a trailer along its collection route (assuming a sufficiently powerful engine), thus providing you with a mobile handling facility (trailer) for an additional container. Journey times to and from the collecting area are shortened, leaving more time to collect the rubbish.

● As an exclusive service FAUN offers its customers support in the analysis and optimisation of their collection logistics. Various logistics options can be simulated on a computer to find the ideal custom solution. Of course, we treat all data provided by our customers in the strictest confidence. And getting started is easier than you think. Please don't hesitate to enquire!

### Transport alternatives:



### Towing with the collection vehicle:





### Quick change artist

1 The FAUN container demounting equipment weighs less than 1 tonne, yet it can lift containers weighing as much as 14 tonnes. The containers can be emptied by the collection vehicle itself or slid onto a conventional dedicated trailer. For ground level container demounting, all that is required is a paved surface. Making additional equipment or personnel superfluous.

### With hooks and eyes

2 The XPRESS-containers used in the FAUN demounting system are in compliance with DIN 30722, which means they can be loaded, transported, unloaded, and emptied using standard hook equipment and trailers.

### Locked in position

3 A second pair of pockets, into which the FAUN container demounting system locking bolts engage, have been welded into the standard sized container subframe.

### Robust slid

4 The slide is moved by a telescopic cylinder and guides the container securely with the aid of two power-

ful bolts that lock into the container subframe, while the anti-liftoff device keeps a firm grip on the container whatever the situation.



The demountable XPRESS-containers are equipped with a sliding bulkhead that connects them with the compaction unit and which is closed hydraulically prior to demounting.

The container demounting procedure is managed by a stored program control, thus therefore affording you reliable protection against an incorrect operation.

The SIDEPRESS X demountable container system is capable of lifting 14 tonnes.

The XPRESS-container is loaded and unloaded by means of a slide, the conveying rollers and the tilting frame.

In just a few minutes the SIDEPRESS X is ready for a new round, substantially cutting journey times to and from the collection area.



**Fully leakproof**

5 The sliding bulkhead seals off the hopper opening prior to final uncoupling of the XPRESS-container. The threshold inside the container holds back any leachate if organic wastes are being transported.

**Dense, denser, densest**

6 The large compactor on the SIDEPRESS X conveys the contents of 1.1 m³ bins into the container in a single operation.

The refuse material is compacted under variable pressure, which means the SIDEPRESS X is able to cope with waste of all density fractions.

**In the driving seat**

7 The cab of the SIDEPRESS X boasts the latest ergonomic design. From here the driver can oversee all vehicle operations, and has all its functions safely under control.

**The control centre**

8 The vehicle nerve centre. All the functions of the SIDEPRESS X are controlled via a modern CAN-bus and thus pass along a single cable. Vehicle data is fully accessible at all times and can be displayed or queried for maintenance or service purposes.



**Extremely manoeuvrable, whatever the location**

9 The recommended fitting of a rear-steer axle and the short overhang

make the SIDEPRESS X one of the most manoeuvrable vehicles in its class (e.g. 24 m³ capacity with a 5 m container).

**Everything under control**

10 Container changeover is performed by remote control. The driver has a direct view of what's happening and, as a result, the operation is fully under control.



**Virtually dust-free bin emptying**

① The bin stop mechanism is designed to double as a dust curtain as standard, which means that bins can be emptied into the SIDEPRESS X with practically no dust emissions.



**Pinpoint joystick accuracy**

② Spot-on drive-up with the joystick, instead of power-wasting pushing – new technology makes the work easier.

**Hard wearing design**

③ Constructive ideas to combat wear from FAUN. The compactor has only one moving part – the durable, steel-on-steel packing mechanism. In addition, the guide rails are extremely easy to replace.

**Loads in just eight seconds**

④ High loading speed: three functions can be operated by superimposed control by the joystick. In this way, breaks for changing tools are avoided. The semiautomatic system, which controls the movement automatically once it is locked in, is a further lightening of the operator's load.

**SENSOLIFT – unloading at the touch of a button**

⑤ To save time and ease the load on the operator: that is guaranteed by the SENSOLIFT sensor-aided container pickup (option). The operator need only bring the vehicle into the correct position relative to the container. A touch of a button then actuates the automatic pickup and emptying of the container. Only for putting-down does the operator make use of the joystick. As an option, the SENSOLIFT can replace the container automatically on the spot from which it picked it up.



**Quick change artist**

⑥ The automatic quick-change mechanism (option) enables comb and diamond pickup devices to be replaced in seconds; the procedure is controlled by the operator by means of a joystick in the cab. Comb and diamond devices have three strong points: they allow shaking, a defined emptying position, and a consistently high pickup and loading speed.

**Everything to hand**

⑦ With five variable lifter types, the SIDEPRESS X is universally applicable. The SIDELIFT C240 is designed for a container size from 80 l to 240 l. As an option, however, it can extend to 360 l. The C750 can lift containers up to 750 l and the C1100 can empty containers up to 1100 l. The three SIDELIFTS are very easy to operate from the cab by means of the joystick.



SIDELIFT C240



SIDELIFT C1100



SIDELIFT CM1100



SIDELIFT M1100

The SIDELIFT CM1100 empties containers up to 240 l by operation from the cab.

In manual operation with a trunnion lifting device it can manage containers up to 1100 l.

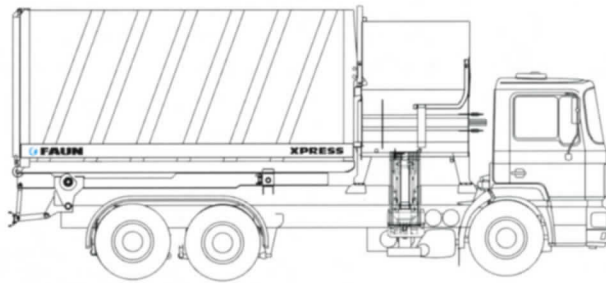
The same volume of container is lifted by the manually operated SIDELIFT M1100.

# Containers – the contemporary solution

In the SIDEPRESS X demountable container system from FAUN you have the perfect answer to the ever increasing role played by transport operations in waste collection. Because changing the container allows you to respond quickly and flexibly to the most varied of requirements. The XPRESS-containers can be also used as intermediate storage facilities. By bundling combining journeys, you can cut transportation times and increase your collection efficiency. Collection operations can become independent of the hours operated by the waste handling facilities. And the selective grouping together of known container contents management operations at these facilities.

FAUN is the dedicated partner of waste disposal management. From the close dialogue with our customers throughout Europe we can offer tailor-made equipment for every conceivable task. Also what you get: Because of the great choice of different vehicles and the assembly of prefabricated machine parts, with FAUN you always get fitting and hence economic solutions. As a single supplier FAUN, with its modern production, is also able to process large orders just in time – to the well known consistently high quality of course. Best of all, with our after-sales service provision our customers get: suitable financing modules such as leasing and hiring, free logistics advice, training for your personnel, the concentrated network of service stations and dealer agencies, individual FAUN maintenance contracts and the FAUN mobility guarantee.

## TECHNICAL DATA **SIDEPRESS X**



BODY	522	524	526	528
Type of container	4.5	5	5.5	6
Body capacity	m <sup>3</sup> 22	24	26	28
Weight appr. <sup>1)</sup>	kg 4,880	5,060	5,280	5,450
Container weight appr.	kg 2,385	2,490	2,595	2,700
Length appr.	mm 4,500	5,000	5,500	6,058
Width appr.	mm 2,500	2,500	2,500	2,500
Height appr.	mm 2,580	2,580	2,580	2,580

### RECOMMENDED CHASSIS<sup>2)</sup>

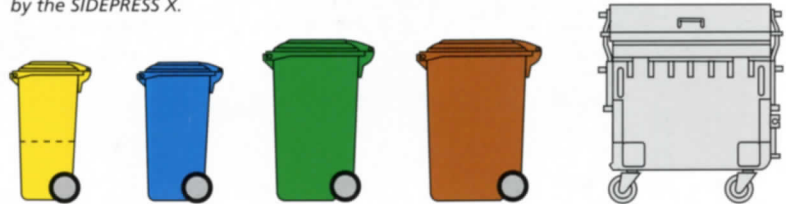
	t	26	26	26	26
G. V. W.	t	26	26	26	26
Weight appr.	kg 7,450	7,690	8,030	8,095	8,095
Wheelbase	4,000+	4,200+	4,400+	4,800+	4,800+
Standard cab appr.	1,350	1,350	1,350	1,350	1,350

### EXAMPLE COMPLETE VEHICLE<sup>3)</sup>

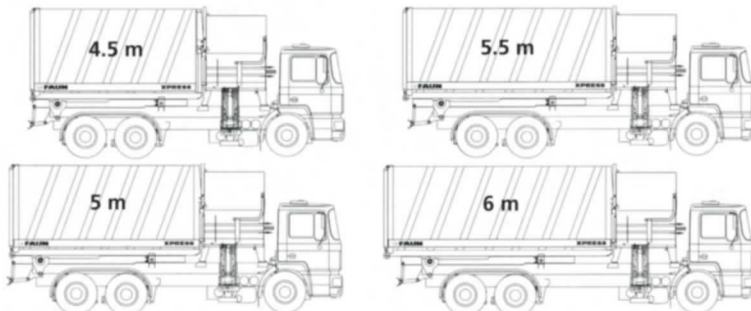
Height unladen appr.	mm 3,785	3,785	3,785	3,785
Length medium cab appr.	mm 8,350	8,550	9,270	9,830
Overhang appr. <sup>3)</sup>	mm 1,640	1,635	2,000	2,150
Weight appr.	kg 14,715	15,240	15,905	16,245
Payload <sup>4)</sup>	kg 11,285	10,760	10,095	9,755

- 1) Including auxiliary frame (acc. DIN 70020)
- 2) Variations possible depending on chassis and optional equipment
- 3) Measurement from middle of last axle to rear edge of tailgate, variations possible depending on chassis
- 4) Payload will decrease when mounting optional or special equipment to chassis or body. Payload achieved may vary depending on density of collected material.

A full range of bins and containers can be loaded by the SIDEPRESS X.



### Collection alternatives:



**FAUN**  
KIRCHHOFF GROUP

**FAUN Municipal Vehicles Ltd.**  
Llangefni, Isle of Anglesey  
GB-North Wales LL77 7XA  
Phone: ++44 (0)12 48/72 27 77  
Fax: ++44 (0)12 48/75 02 20  
Internet: www.FAUN.co.uk  
E-Mail: info@FAUN.co.uk

**FAUN Expotec GmbH**  
Stefanstraße 2  
D-58638 Iserlohn  
Tel.: ++49 23 71/82 93-00  
Fax: ++49 23 71/82 93-09  
Internet: www.FAUN.com  
E-Mail: info@FAUN.com