



POWERPRESS

Exceptional economy

productive ■
robust ■
durable ■

The specialist for difficult cases

The POWERPRESS is the right solution wherever the highest standards have to be satisfied. The POWERPRESS is not only an all-round collection vehicle for all containers up to 10 m³ and for all density waste including bulk rubbish, it is also designed throughout to cope with the toughest of operations. Within a progressive overall concept the POWERPRESS combines top-quality materials and workmanship, proven technology, an exceptional loader.

The POWERPRESS range

The right POWERPRESS for every requirement: two-axle chassis of 18m³ capacity and three-axle chassis of 20 to 25 m³ capacity form the basis for a product range to suit every need. Together with your FAUN sales partner you're certain to choose the right vehicle, designed to suit your specific requirements.

The POWERPRESS comes with open tailgate, with DIN frames, or with a built-in lifter from FAUN. The extremely low loading edge, the low dead weight, and the visibility of the loading edge make the built-in lifters from FAUN a particularly rewarding investment.



A major collector

1 With its extremely low loading height and very large body the POWERPRESS collects bulk rubbish on a large scale without any difficulty as well as materials from all containers up to 10 m³. With the optional adapter POWERPRESS also offers the standard 6 point fixing for bulk rubbish.

Precompression within the tailgate

2 To provide maximum compaction of the waste, it is initially pre-compacted against a



Ingenious compression principle

Precompression within the tailgate makes for improved volume reduction of commercial and bulk waste. The swing link compression mechanism has five phases:

- 1 Start position.
- 2 The hopper is filled, the packer plate opens.
- 3 The carrier plate is lowered, the hopper closes.
- 4 The packer plate sweeps the hopper and prepacks the waste within the tailgate.
- 5 The carrier plate swings up, further compressing the waste against the packer plate and forming a pack.

Built-in lifters from FAUN



The UNILIFT, with a lifting power of 800 kg, lifts containers from 60 l to 1.7 m³ in only 12 seconds. And its own weight is just 250 kg.

The strong POWERLIFT (not illustrated) effortlessly lifts a very wide variety of containers. With its folding arms the POWERLIFT empties reusable containers with hinged lids (versions U 2.5 and U 5) by means of its automatic lid opener, and that in only 40 seconds. With a weight of 950 kg and a lifting power of 3000 kg, the POWERLIFT is unbeatable.



The novel combination of UNILIFT and POWERLIFT, the UNIPowerLIFT, is able without reconfiguration to lift containers from 60 l to 5 m³, as well as dumpsters and industrial containers. Yet its own weight is only 1200 kg.

fixed compression plate at the front of the hopper, prior to being pressed into the body by the upward movement of the carrier plate.

This retains most of the compaction forces within the tailgate structure and reduces strain on the tailgate hinges and locking mechanism.



Adjustable counter-pressure

③ Pressure sensitive control of the retracting ejection plate provides for maximum counterforce and effective pack formation in the container. The POWERPRESS achieves high waste

compaction along the entire length of the container. Modern compaction technology that optimises axle-load distribution and significantly enhances economy.

Load discharged – within 30 seconds

Evenly compacted along the entire length of the container, the waste is pushed out again by the ejection plate, emptying the POWERPRESS in just 30 seconds. Full speed ahead for more productivity.



Exceedingly tough

④ Quality that pays. The loading and compaction technology on the POWERPRESS is considered exceptional in expert circles. Long-

wearing swinging links for the carrier and packer plates, high-tensile steel and full penetration welding – strong arguments for longterm durability.



Ideas for load distribution

⑤ Loads are evenly distributed on the POWERPRESS. Positioning the swinging link compaction mechanism within the tailgate permits a very short overhang, in spite of the vehicle's large hopper, which makes it very easy to manoeuvre and enhances the load distribution.

More Volume

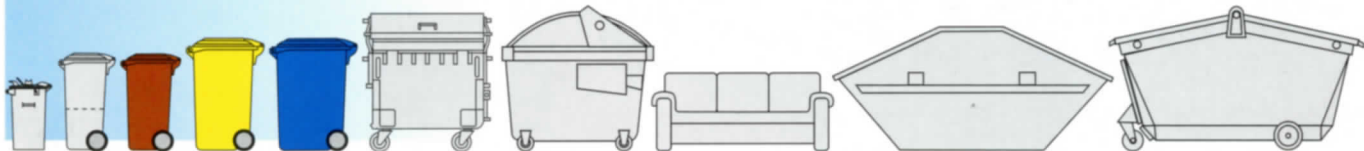
⑥ The ejection plate is designed so that it can be brought to the front position tightly up to the driver's cab. This results in a larger volume with the wheel in the same position and with the same weight when empty with a better front axle loading.

Quality means long service

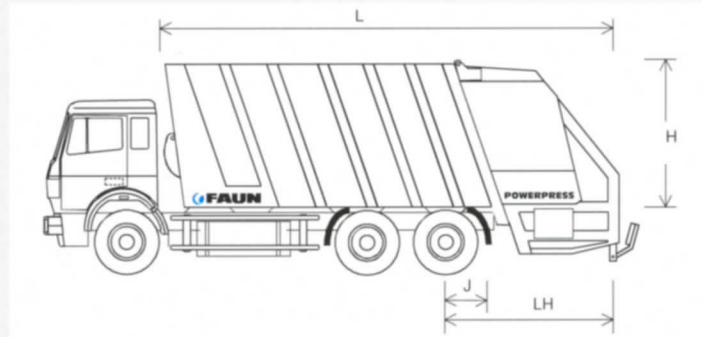
The proven reliability and low maintenance requirements of the POWERPRESS mean that the time spent off the road during services is kept to a minimum. Fewer lubrication points, longer intervals between oil and filter replacements, and easily accessible components all make the POWERPRESS far more efficient and simpler to maintain.

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.

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



TECHNICAL DATA **POWERPRESS**



BODY		518	520	522	525
Body capacity	m ³	18	20	22	25
Weight appr. ¹⁾	kg	6,050	6,300	6,600	6,900
Length appr.	mm	6,370	6,850	7,250	7,850
Width appr.	mm	2,500	2,500	2,500	2,500
Height appr.	mm	2,490	2,490	2,490	2,490

RECOMMENDED CHASSIS²⁾

G. V. W.	t	18	24-26	24-26	24-26
Weight appr.	kg	5,500	6,750	6,790	6,810
Wheelbase					
Standard cab appr.	mm	4,150	4,500	5,100	5,550
Frame overhang	mm	720	720	650	750

EXAMPLE COMPLETE VEHICLE²⁾

Height unladen appr.	mm	3,500	3,500	3,500	3,500
Height, tailgate open appr.	mm	5,800	5,800	5,800	5,800
Length	mm	7,975	8,475	9,180	9,580
Overhang appr. ³⁾	mm	2,540	2,540	2,470	2,570
Weight appr.	kg	11,550	13,050	13,390	13,710
Payload ⁴⁾	kg	6,450	12,950	12,610	12,290

- 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.

FAUN
KIRCHHOFF GROUP

FAUN Expotec GmbH
Stefanstraße 2
D-58638 Iserlohn
Phone +49 23 71 / 82 93-10
Fax +49 23 71 / 82 93-09
www.FAUN.com
info@FAUN.com