

POWERPRESS. Exceptional economy



The specialist for difficult cases

The POWERPRESS is the right solution whenever the most demanding requirements have to be satisfied. The POWERPRESS is not only an all-round collection vehicle for all containers up to 10 m³ (including bulk refuse), 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 with proven technology - an exceptional loader.

The POWERPRESS range

There is a POWERPRESS to meet every requirement: 18 m³ for two-axle chassis, 20 to 25 m³ for three-axle chassis and 30 m³ for four-axle chassis form the basis. With expert advice from your FAUN sales partner the right vehicle tailor-made to suit your exact requirements can be specified.

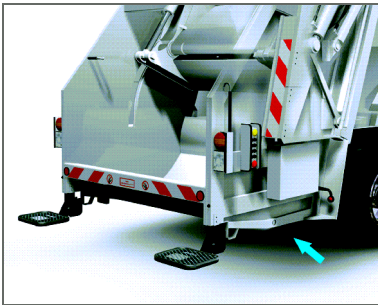
The POWERPRESS comes with open tailgate, or with DIN interface frames, or with a built-in FAUN lifter. Built-in lifters from FAUN, featuring an extremely low rake height, low gross weight, and excellent rake visibility ensure that they represent a particularly worthy investment.

POWERPRESS. Characteristics



Exceedingly tough

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 long term durability.



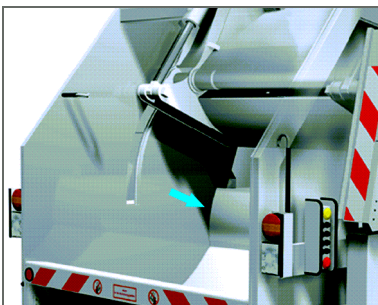
Ideas for load distribution

Loads are evenly distributed on the POWERPRESS. Positioning the swinging link compaction mechanism within the tailgate permits a very short overhang, despite the vehicle's large hopper, which not only enhances load distribution but also greatly improves vehicle manoeuvrability.



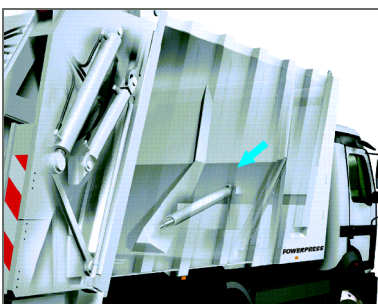
A major collector

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



Precompaction within the tailgate

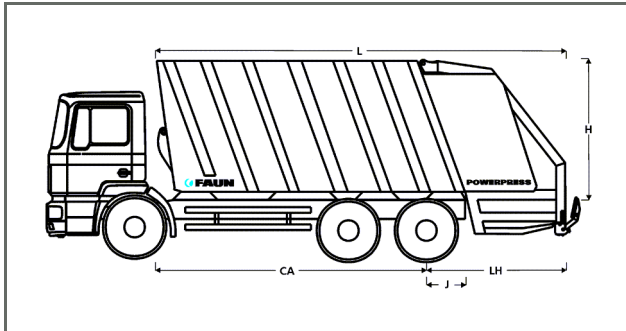
To provide maximum compaction of the waste, initial precompaction takes place against a fixed compression plate at the front of the hopper prior to being pressed into the body by the upward movement of the carrier plate. This process ensures the retention of most of the compaction forces within the tailgate structure and reduces strain on the tailgate hinges and locking mechanism.



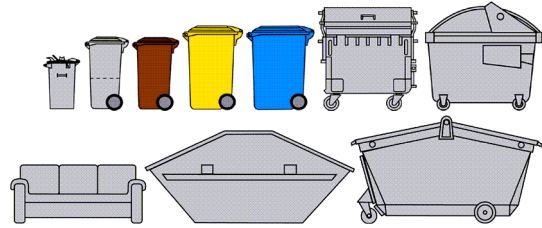
Load discharged - within 30 seconds

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

POWERPRESS. Technical data



Containers of different sizes can be taken up:



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 (L) appr.	mm	6.370	6.850	7.250	7.850
Width appr.	mm	2.500	2.500	2.500	2.500
Height (H) appr.	mm	2.490	2.490	2.490	2.490
Chassis recommendation 2)					
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	3.450	3.900	4.200
Frame overhang (J) appr.	mm	720	720	650	750
CA measure (CA) appr. 5)	mm	3.830	4.310	4.780	5.380
Example complete vehicle 2)					
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 appr.	mm	7.975	8.475	9.180	9.580
Overhang (LH) appr. 3)	mm	2.540	2.540	2.470	2.570
Weight appr.	kg	11.550	13.050	13.390	13.710
Payload appr. 4)	kg	6.450	12.950	12.610	12.290

The chart includes only the common standard types. Outside it other capacities up to 30 m³ are also available.

1) Including auxiliary interface (acc. DIN 70020).

2) Variations possible depending on chassis type and optional equipment fitted.

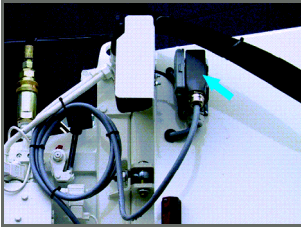
3) Measurement from centre of rearmost axle to rear edge of tailgate, variations possible depending on chassis.

4) Payload will decrease when mounting optional or special equipment to chassis or body. Payload achieved may vary depending on density of collected material.

5) Permissible axle load spreading has to be checked depending on weight variation of rear axle unit. Space required to manoeuvre exhaust and induction devices has to be considered.

Subject to change without prior notice.

POWERPRESS. Accessories



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Electrical connection (socket attachment for lifters).



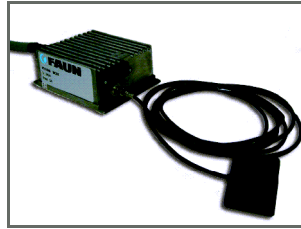
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Operating hours counter.



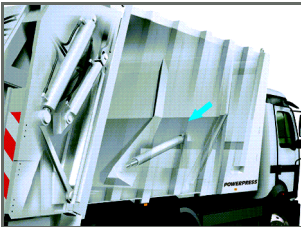
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Tailgate tray sheet made from 8 mm thick XAR steel sheet (instead of 6 mm).



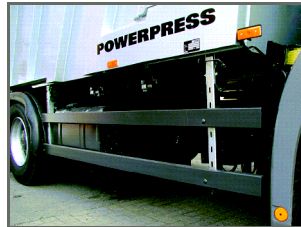
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Remote service module. Via a data communications connection, operating data can be called up online, faults analysed or updates to the control software transferred to the on-board computer.



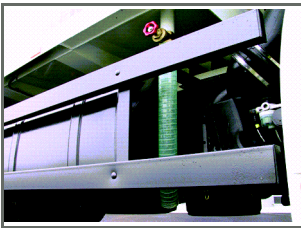
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Ejector shield on which counter pressure can be switched off. This permits the opportunity to again sort through waste types, e.g. DSD, after the collection round.



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Side-impact protection to EU guidelines, folds up vertically. Contributes to accident prevention and complies with EU safety regulations.



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Run-off connections at front of container. Permits the controlled drainage of contaminated water, e.g. in the case of disposal of organic waste.



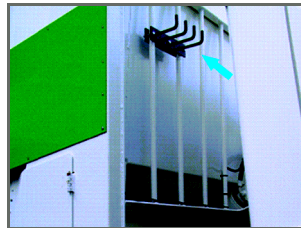
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Side-impact protection to EU guidelines, permanently mounted and non-folding. Contributes towards accident prevention and meets EU safety requirements.



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Additional working lamps for optimal illumination of the working area.



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Brush and shovel holder, making everything at hand and easily accessible.

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For UK requests:

FAUN Municipal Vehicles Ltd.
 Llangefnï, Isle of Anglesey
 North Wales LL77 7XA
 Great Britain
 Phone: +44 1248 7227-77
 Fax: +44 1248 7502-20
 Internet: www.FAUN.co.uk
 E-Mail: sales@FAUN.co.uk

FAUN
 KIRCHHOFF GROUP

FAUN Expotec GmbH
 Stefanstraße 2
 58638 Iserlohn
 Germany
 Phone: +49 2371 8293-00
 Fax: +49 2371 8293-09
 Internet: www.FAUN.com
 E-Mail: info@FAUN.com