

HALLER

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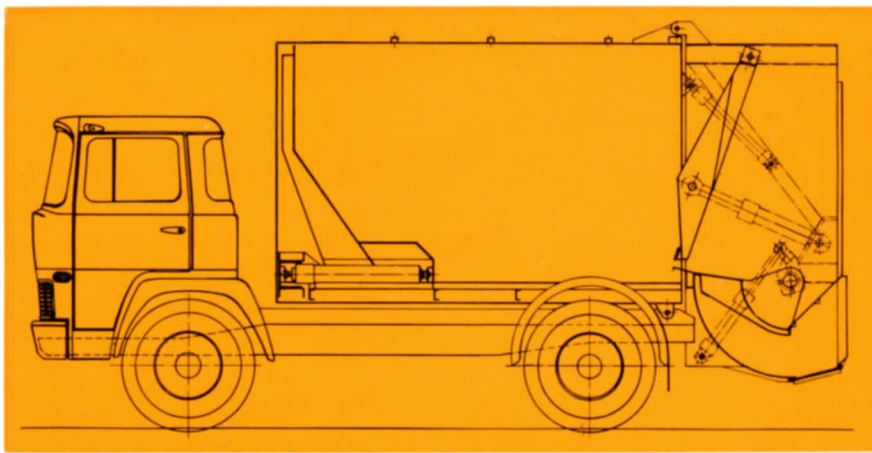
OUR PRINCIPLE - RELIABLE PERFORMANCE



HALLER-Compacting Refuse Vehicle:

The Refuse Vehicle that meets
every demand
Volume - up to 19 m³
Easy loading of all kinds of refuse
through the broad rear opening.
Collection of bulk refuse.

Quick discharge by pusher plate.
Full use of available container
space through rational
design of compaction plates.
All moving parts
are dust-protected.



HALLER COMPACTING COLLECTOR emptying 1.1 m³ refuse containers.

HALLER Compacting Refuse Vehicle

Container Volume 11,5 – 15 – 19 m³

The outstanding economy of the HALLER Compaction Refuse Vehicle is the result of carefully tested construction features, perfectly adjusted to each other. Due to the special design of the refuse container and strong well directed pressure of the loading mechanism, chassis with relatively short wheelbases can be used which improves manoeuvrability and lessens road-space occupied. The whole operation of loading and discharge, including cleansing of the dust container, is effected from the driver's seat. This centralized operation has great advantages, particularly when discharging, since the driver does not have to leave his cabin for additional cleansing work while discharging in narrow bays of refuse incinerators or on boggy refuse tips.

The new HALLER Compacting Refuse Vehicle sets new Norms!

Loading:

The loading system consisting of a forwarding and a loading shovel, allows for the most economical working cycle. This goes for the quick disposal of the refuse at the loading chute as well as its transfer and compaction in the container.

The refuse is fed to the loading shovel from the forwarding shovel in such a way as to permit pre-

compaction while loading is in progress.

The feeding mechanism ensures uniform refuse compaction throughout the whole container space up to the roof. Adequate storage space in front of the forwarding shovel ensures continuous loading, since refuse can be loaded at any time. Disposal problems of commercial and bulk refuse are solved by the broad (2 m) opening and high speed of feeding. Both shovels are suspended in such a way as to ensure true, distortion-free movement. This also makes it possible to fit the hydraulic cylinders outside the refuse space, thus greatly prolonging the life-time of all parts.

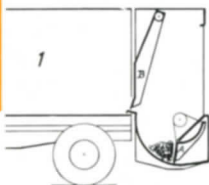
HALLER Compacting Refuse Collectors can be built on all suitable chassis, including those with crew cabs.



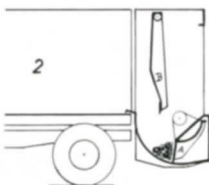
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The loading process:

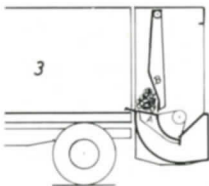
Regardless of the shovels' position refuse can be loaded at any time either by means of the hydraulic/pneumatic emptying mechanism (containers) or by hand, thus ensuring continuous loading of the Collector.



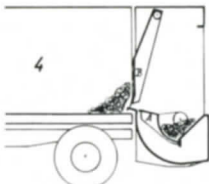
Position 1: The refuse slides over a sloping plate in front of the forwarding shovel (A), which is at its lowest point, while the loading shovel (B) is in forward position, thus closing off the container to the rear.



Position 2: While shovel A still remains in downward position shovel B moves to the rear and clears the opening between loading and collecting space.



Position 3: Forwarding shovel A moves upwards and transfers the refuse in front of loading shovel B. The wedge-formed space formed by the front-end of the loading shovel and the refuse already present, ensure — together with the upwards directed movement — full exploitation of the container up to its roof and precompaction of refuse.



Position 4: The pre-compacted refuse is transferred from the forwarding shovel A to loading shovel B, moved into the container and compressed. Thereafter forwarding shovel A returns to the downward end-position. Refuse which was meantime loaded and stored between shovel A and lower end of opening slides in front of forwarding shovel (see pos. 1).



The discharge:

Discharge of the vehicle is effected by a pusher plate, operated hydraulically by a multi-stage piston. This plate will not distort, since the hydraulic press is fixed to its mechanism in such a way as to retain uneven stresses. Before activating the pusher plate, the loading assembly is swung upwards by hydraulic action and the full section of the container is bared.

The discharge time of a 15 m³ vehicle, e. g. takes approx. 2½ minutes. This guarantees smooth turnround, avoiding blocking of bunkers at the disposal plant.

Maximum Compaction = Maximum Payload!

HALLER Compacting Refuse Collectors can also be used for the emptying of 60/90/110 Ltr. refuse containers (DIN 6629) and 25/35/50 Ltr. garbage cans, or be loaded with bulky items and commercial waste from irregular containers. The mechanisms are fitted to a door with a quick-action lock and can easily be exchanged or dismantled.



HALLER-Municipal Vehicles

Detailed individual prospectuses are available on request.

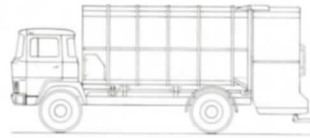
Branch factories:

HALLER-Behälterbau oHG
D-8801 Wettringen Krs. Rothenburg/Tauber
Industriestraße, Telefon (09869) 330

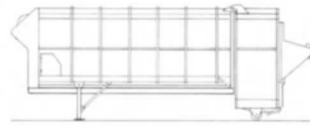
NKF Leichtmetallbau Kurt Hodermann
D-1000 Berlin-West 42 (Tempelhof)
Colditzstraße 27 und 29, Telefon (0311) 750621



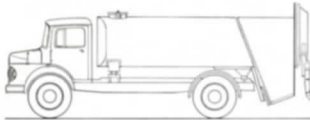
Refuse vehicles
for household refuse.



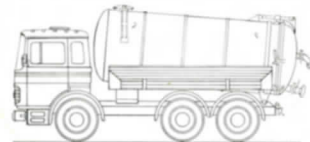
Compacting refuse vehicles
for bulk refuse



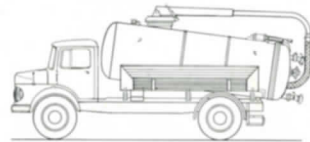
Compacting refuse container body
set-down/pick-up unit with slide/tipping action for static use.



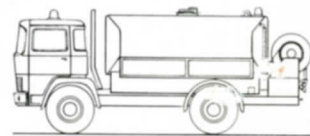
Refuse container cleaning vehicle
for standardized refuse containers.



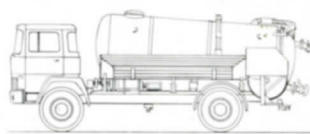
Suction vehicles
for thick and thin mud removal.



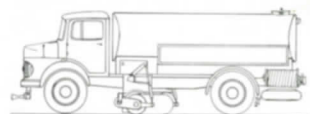
Suction vehicles
for sewage and box drain cleaning.



High pressure sewer cleaning vehicle
for economic and hygienic sewage cleaning.

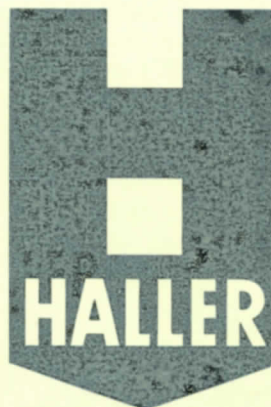
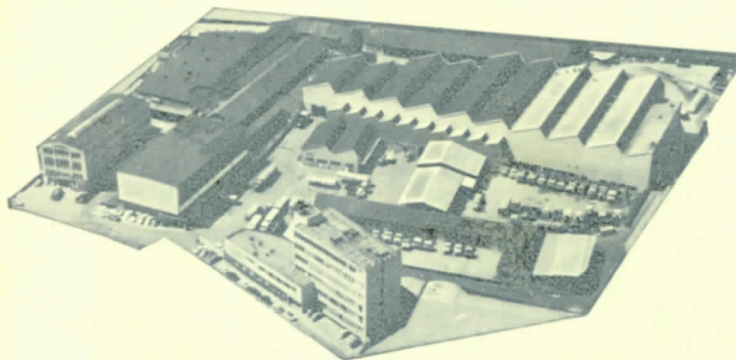


High pressure sewer cleaning and suction vehicle
for sewage cleaning and simultaneous removable of mud.



Street cleaning vehicle
Type "Stuttgart"
with and without brush cleaner unit.

FAHRZEUGBAU HALLER GMBH



D-7 Stuttgart 30 (Feuerbach)
Mauserstraße 20
Postbox 30 04 20
Telefon (07 11) 85 16 41
Telex 072-2159
Telegram:
Fahrzeughaller Stuttgart