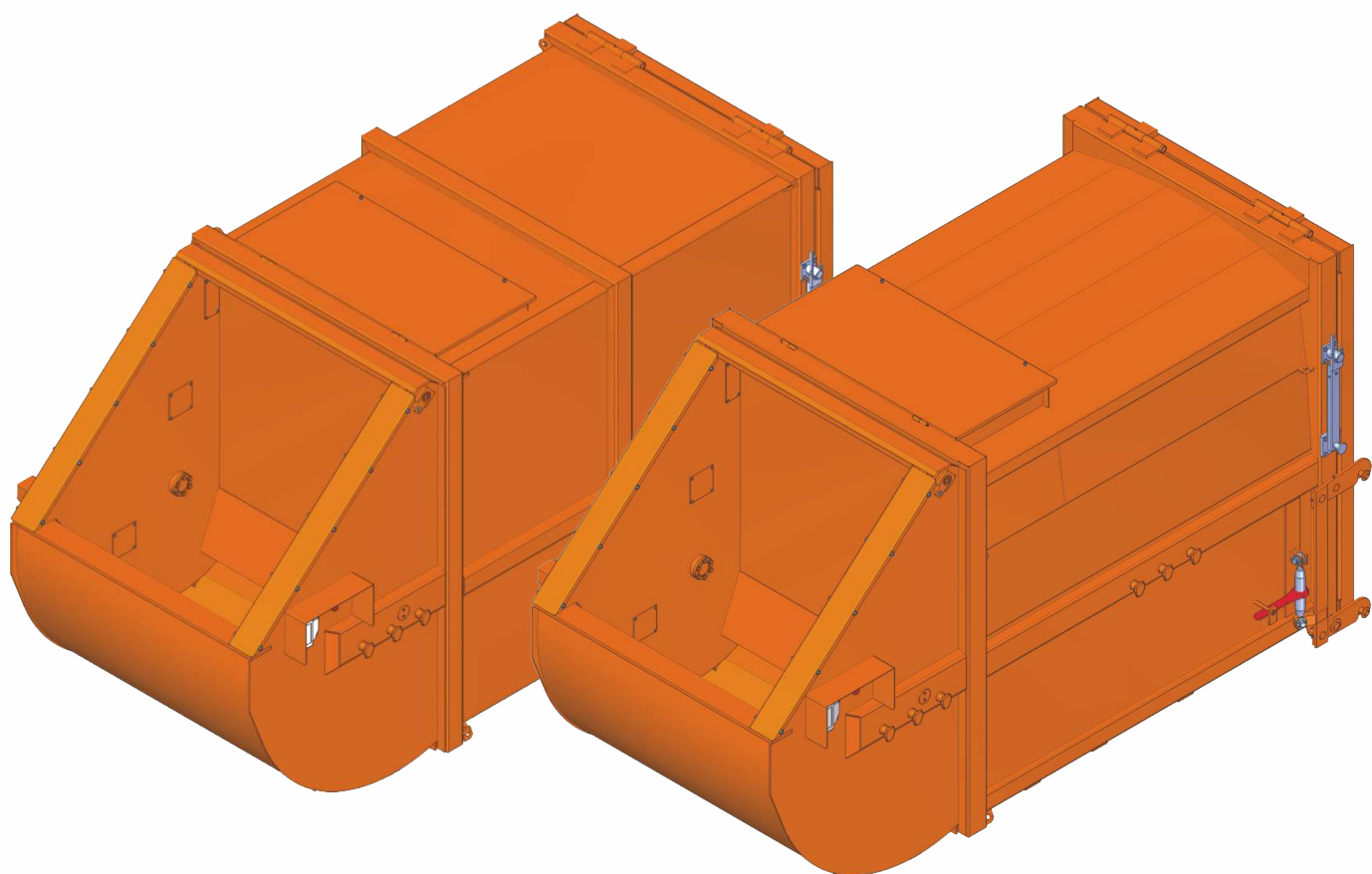


Mobile compactors

APK & APK-G

Issued: 2018-04





45 million tons of waste is produced only by the German people per year - If this quantity was loaded in garbage trucks and they were placed one after another, they would reach all around the earth once.

With this, we are less about the quantity of waste than we are about handling of it: Waste material is no refuse - in waste material we see a valuable raw material. To be able to recycle this raw material, fully developed system solutions are required.



The L&M mobile compactors of series APK & APK-G are especially designed for those locations where mainly larger quantities of wet waste and/or contaminated waste are to be disposed of. Furthermore, in addition to residual waste, also industrial waste, organic waste & packaging waste can be compacted.

-> **This type of compactor is suitable for nearly all compactible materials.**

The low-maintenance, pendulum ram compaction system which grabs under the waste, is suitable for continuous filling. With this, cleaning of the compaction chamber within specified intervals is not required.

-> **Expensive cleaning works are not required.**



The mobile compactors of this series are suitable for the transport and the discharge by multi-bucket system vehicles as per DIN 30723-1 and comply with the requirements of the applicable standards & directives.

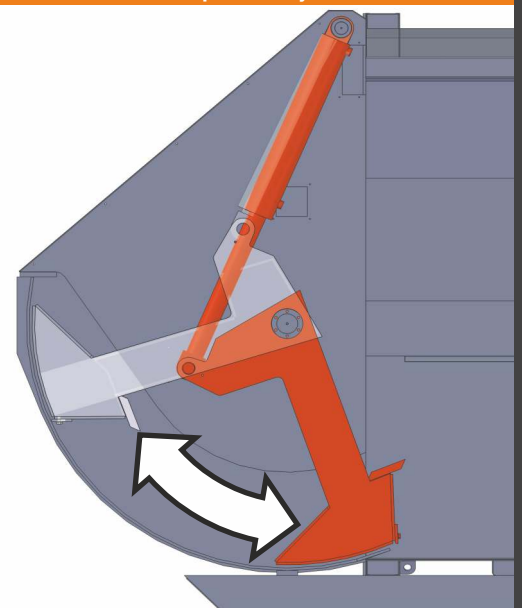


Production is guaranteed in our parent plant in Germany and the deployment of qualified personnel and most modern robot welders, as well as a standardized fixture construction provide for continuously high quality.

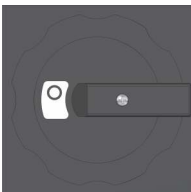

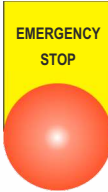

Supplied as standard

- Pendulum ram compaction system (with limit switch function for raised compaction ram).
- Container in framing or side walls without framing.
- Pendulum flap on the discharge opening with ratchet lock and maintenance support.
- Integrated hydraulic unit (in the top front part of the container).
- Shutdown due to lack of oil or excess temperature.
- Pressure monitoring manometer with shut-off valve.
- CEE plug with integrated phase change & main switch.
- Time relay for controlling the runtime of the compactor.
- Declaration of conformity & documentation.
- One-colour painted in RAL colour (incl. corrosion protection class C3).

Pendulum ram compaction system



Standard control elements

-  „ON/OFF“- main switch on the right side in pressing direction on the filling side (lockable with optional padlock)
-  „0 - 1“ key switch on the right side in pressing direction on the filling side
-  "EMERGENCY STOP"-push-button on the left and the right side of the filling opening in pressing direction
-  "Operation"- signal lamp (white) on the right side of the filling opening in pressing direction

SPB LM 10 APK-G with cover hinged at the rear side



Attached bin tipper (e.g. for 120 to 1,100 litre waste containers MGB)



Water drain with ball valve (e.g. for liquid-tight design)



Central locking device actuated via ratchet of locking mechanism



Toggle closures for pendulum flap (e.g. for liquid-tight design)



Rubber sealing on the discharge opening (e.g. in case of liquid-tight design)



Adjustable stripper before the compaction ram (series)



Galvanized maintenance support for pendulum flap (series)



Galvanized ratchet for the door locking mechanism of the pendulum flap (series)



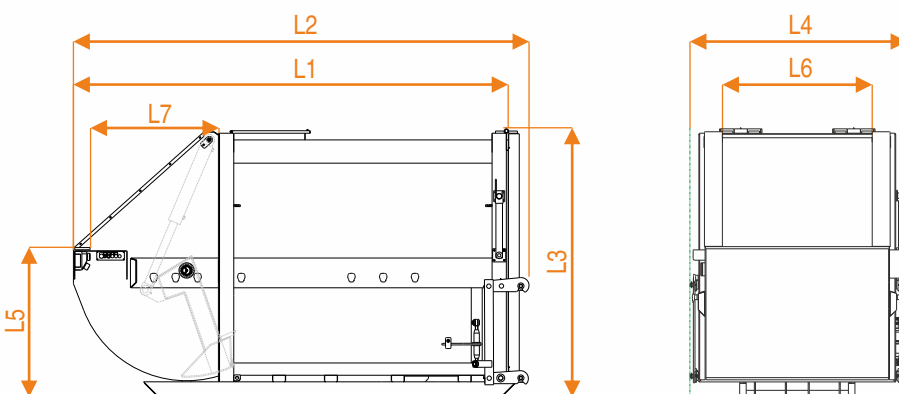
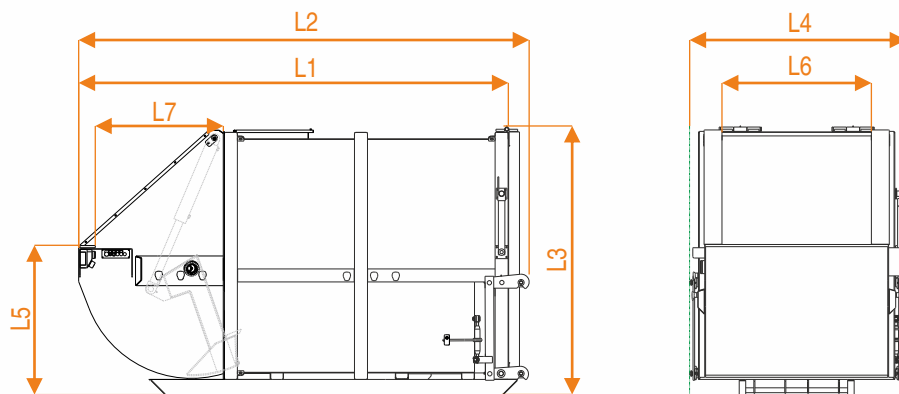
Additional equipment

We are offering you a wide range of additional equipment. Among others there are:

- Several lid variants, e.g. our patented combined cover (hinged on the backside or opens partly lengthwise) covering the filling opening, relieved by a gas-pressurized spring
- Easy control due to programmable, self-monitoring electrical control
- Filling level warnings (75% and/or 100%)
- GSM - alarm systems / GPS-module
- Switching off of compaction ram at the front and at the rear
- Several design variants (e.g. for ramp operation)
- Light barriers as start device and / or as overfill prevention device
- Water drain with ball valve or screwed plug
- Water spraying device
- Liquid-tight design (with rubber sealings / increased compaction head / toggle closure or central locking device on the discharge door)
- Remote control in various designs
- Attached bin tipper for all usual large waste containers (MGB) and special containers
- Warning signs as per VkB1. 82/10

Further additional equipment is available on request.

Please contact us!



Technical data - APK & APK-G

Name		LM 06		LM 08		LM 10		LM 12		LM 14	
		APK	APK-G	APK	APK-G	APK	APK-G	APK	APK-G	APK	APK-G
Container capacity	(m ³)	6		8		10		12		14	
Clear container length	(mm)	3,165		3,475		3,975		4,340		5,060	
Maximum length (L2)	(mm)	3,355		3,665		4,165		4,530		5,250	
Maximum height (L3)	(mm)					2,460					
Maximum width (L4)	(mm)					1,995					
Filling opening	Height (L5)					1,365					
	Width (L6)					1,380					
	Length (L7)					1,180					
Compaction ram	Height					270					
	Width					1,630					
	Dipping depth					250					
Time per working stroke	(s)					42					
Volume	per stroke					0,5					
	per hour					43					
Pressing force	(kN)					370					
Net weight	(kg)	2,960	3,050	3,160	3,250	3,360	3,450	3,560	3,650	3,760	3,850
Overall weight	(kg)					12,000					
Driving power	(kW)					5,5					
Cekon plug	(A)					32					

Comments

All details are subject to change

Technical changes reserved

All details refer to the series products

Further types of construction / size available on request

