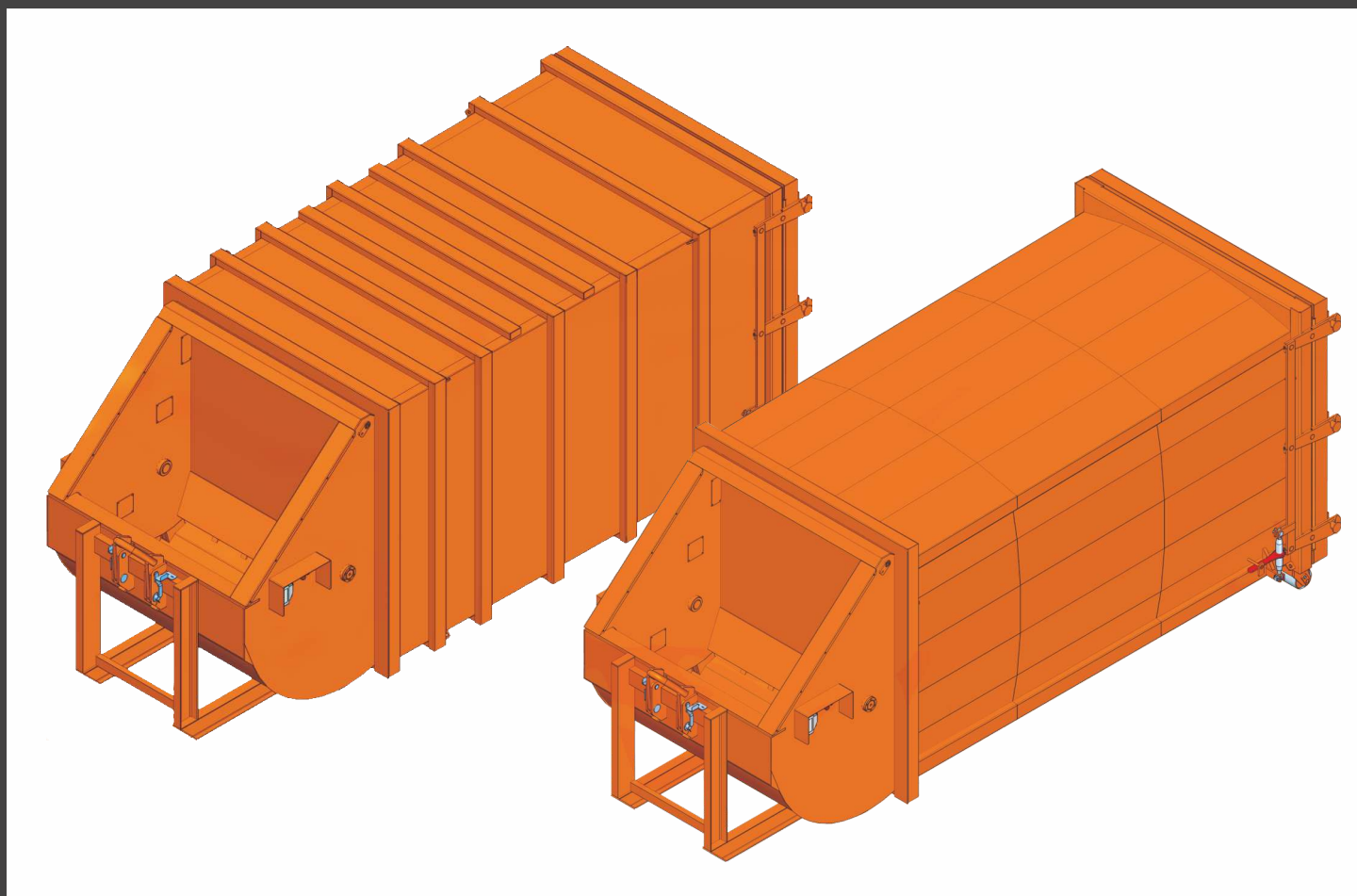


Mobile compactors

RPK & RPK-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 RPK and RPK-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 roller contact tipper vehicles as per DIN 30722-1 and comply with the requirements of the applicable standards & directives.

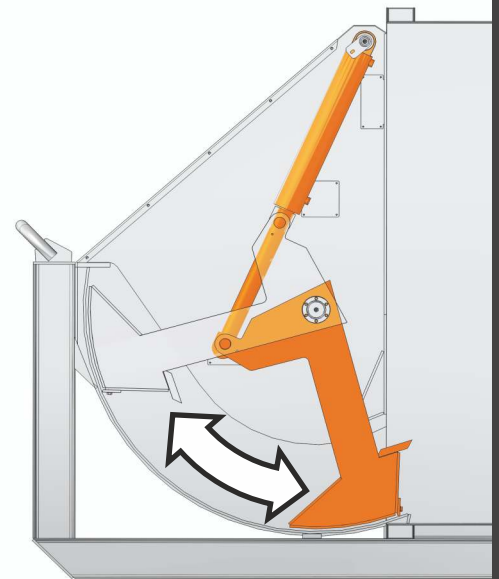


Production is guaranteed in our parent plant in Germany and the deployment of qualified personnel and most modern robot welders, as well as a standardized fixture construction provide for continuously high quality.

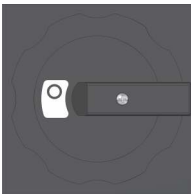


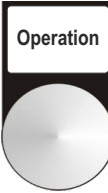
Serienmäßiger Lieferumfang

- Pendulum ram compaction system (with limit switch function for raised compaction ram)
- Hook retainer on the filling side of the plant, can be folded away
- Shunting castors on the outlet opening of the plant
- Container with framing or side wall without framing
- Door on the discharge opening (with ratchet lock)
- Safety chain on the discharge door as safeguarding against accidental swivelling of the door)
- 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 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)
-  "EMERGENCY STOP"-push-button on the left and the right side of the filling opening in pressing direction
-  „0 - 1“ key switch on the right side in pressing direction on the filling side
-  "Operation"- signal lamp (white) on the right side of the filling opening in pressing direction

Cover above the filling opening hinged on the backside



Attached bin tipper with trunnion retainer on the side



SPB LM 20 RPK-G with warning signs as per Vkl. 82/10



Adjustable stripper before the compaction ram



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)



Central locking device actuated via ratchet of locking mechanism



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



Catch chain on the discharge door prevents the door from springing open



Galvanized maintenance support for pendulum flap



Additional equipment

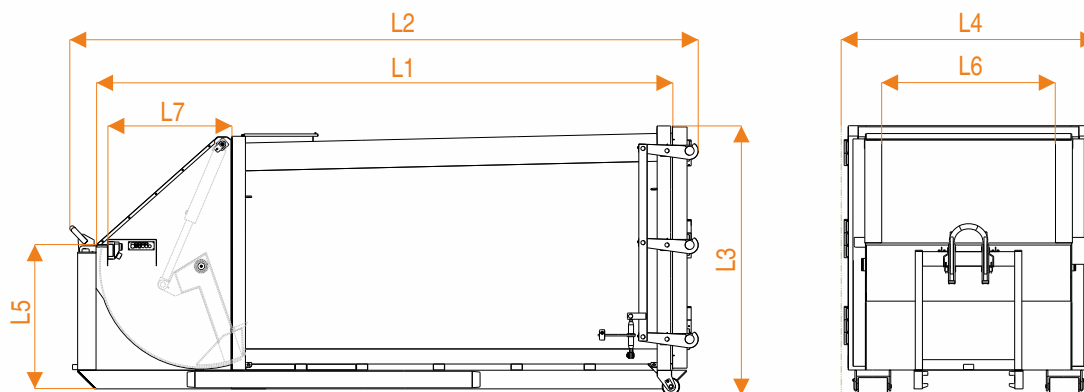
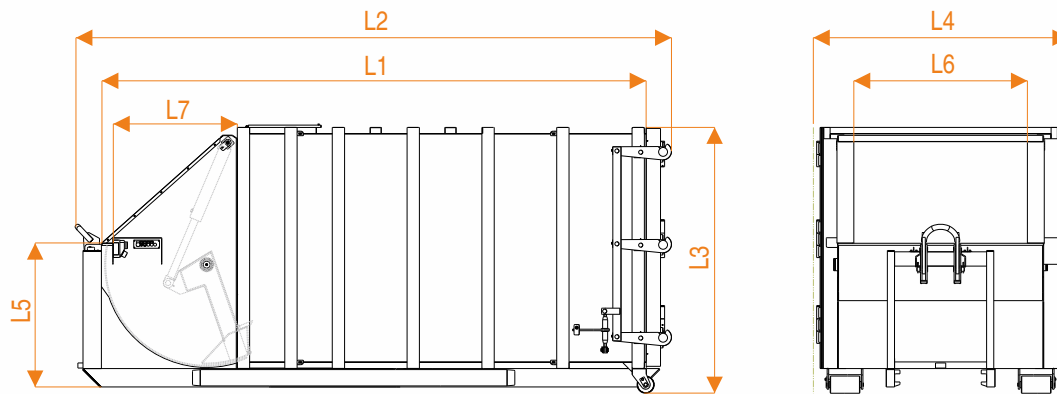
We are offering you a wide range of additional equipment.

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
- Filling level warnings (75% and/ or 100%)
- Pendulum flap instead of standard door on the discharge opening
- GSM - alarm systems / GPS-module
- Different units with power classes from 5.5 to 7.5 kW
- 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 overflow prevention device
- Water drain with ball valve or screwed plug
- Water spraying device
- Liquid-tight design (with rubber sealings / 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
- Rope and / or chain support block additionally or instead of the standard hook retainer
- Warning signs as per Vkl. 82/10

Further additional equipment is available on request.

Please contact us!



Technical data - RPK & RPK-G

Name	LM 14		LM 16		LM 18		LM 20		LM 22		LM 24		
	RPK	RPK-G	RPK	RPK-G	RPK	RPK-G	RPK	RPK-G	RPK	RPK-G	RPK	RPK-G	
Container capacity (m ³)	14		16		18		20		22		24		
Clear container length (mm)	4,525	4,635	4,725	4,935	5,125	5,335	5,335	5,585	5,665	6,135	6,025	6,535	
Maximum length (L2) (mm)	5,045	5,155	5,245	5,455	5,645	5,855	5,855	6,105	6,185	6,655	6,545	7,055	
Maximum height (L3) (mm)							2,600						
Maximum width (L4) (mm)							2,500						
Filling opening	Height (L5) (mm)							1,410					
	Width (L6) (mm)							1,710					
	Length (L7) (mm)							1,180					
Com-paction	Height (mm)							280					
	Width (mm)							1,950					
	Dipping depth (mm)							250					
Time per working stroke (s)							35						
Volume	per stroke (m ³)							0,7					
	per hour (m ³)							72					
Pressing force (kN)							370						
Net weight (kg)		4,100		4,250		4,400		4,550		4,700		4,850	
Max. permissible weight (kg)							15,000						
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

