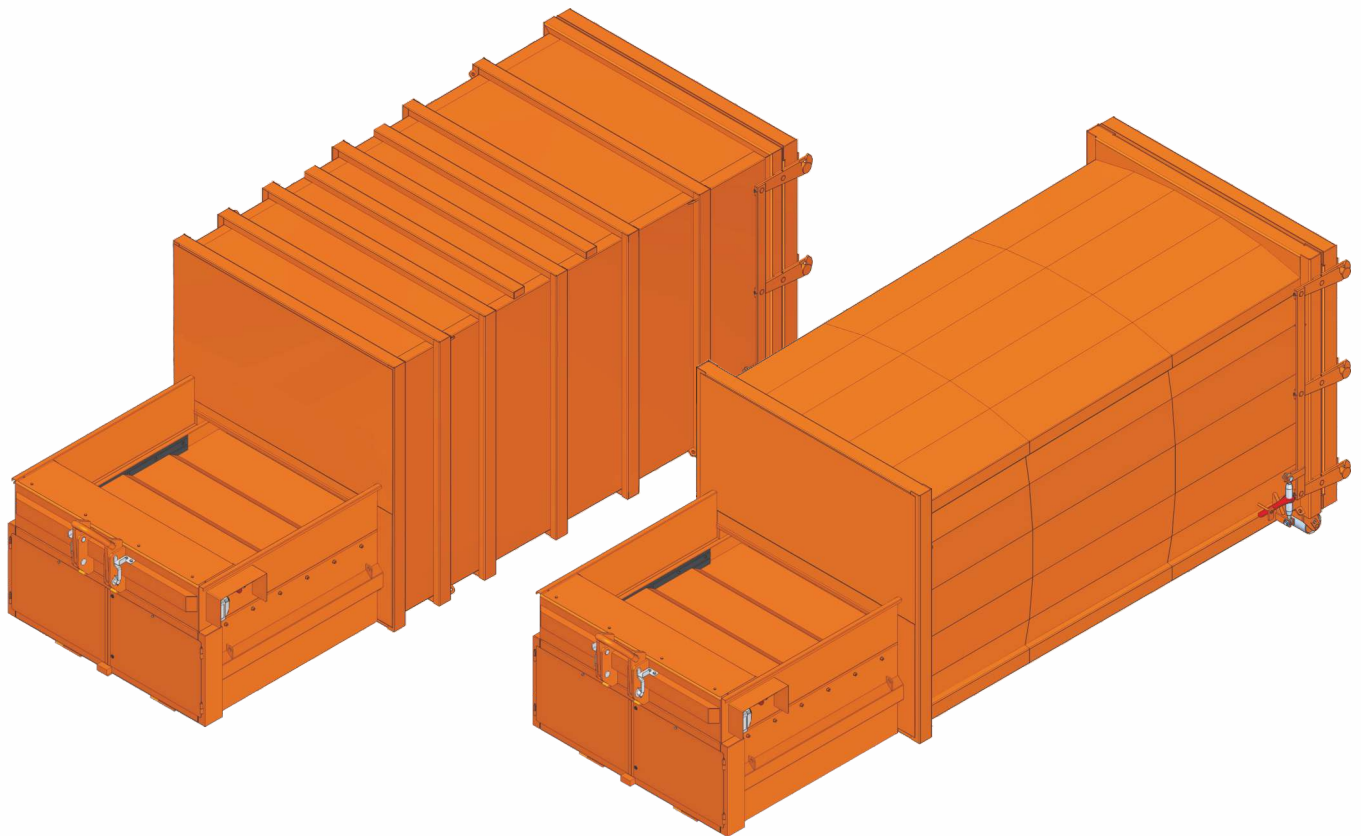


Mobile compactors

N & GN

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 compactor of series N and GN are used as universal compactor in places where large quantities of residual material and recyclable raw material must be highly compacted before transport. This allows optimum utilization of the permissible load capacity of transport vehicles and with this, cost-effective transport. It is suitable for compacting of residual waste, industrial waste, organic waste, film, paper and cardboard articles.

The low-maintenance, horizontal compaction system is suitable for continuous filling. A stable double sided guide prevents the compaction ram from tilting and/or tipping. Small gaps between the compaction ram and the side walls and the swinging steel stripper in front of the compaction ram ensure that cleaning works in the compaction chamber are nearly not necessary.



The mobile compactor 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.

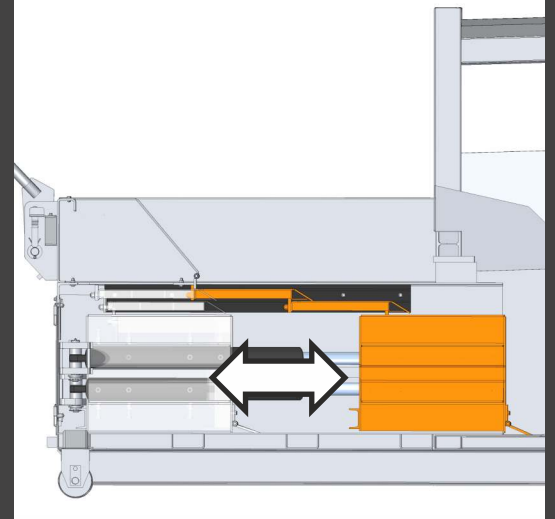


Production is guaranteed in our parent plant in Germany and the deployment of qualified personnel and most modern robot welders, as well as a standardized fixture construction provide for continuously high quality.

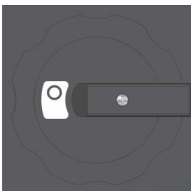
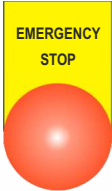


Supplied as standard

- Horizontal compaction system (with swinging steel stripper in front of the 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 compaction head).
- 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)
-  "EMERGENCY STOP"-push-button on the left and the right side of the filling opening in pressing direction
-  „0 - I“ 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

SPB with combined cover



SPB with attached lifting/tipping device for 660-1,100 l MGBs



Adjustable stripper before the compaction ram (series)



Swinging retaining teeth on the breaking edge



Central locking device actuated via ratchet of locking mechanism



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



Water drain with ball valve



Catch rope on the discharge door prevents the door from springing open (series)



Large cleaning flap secured by limit switch on the face side (series)



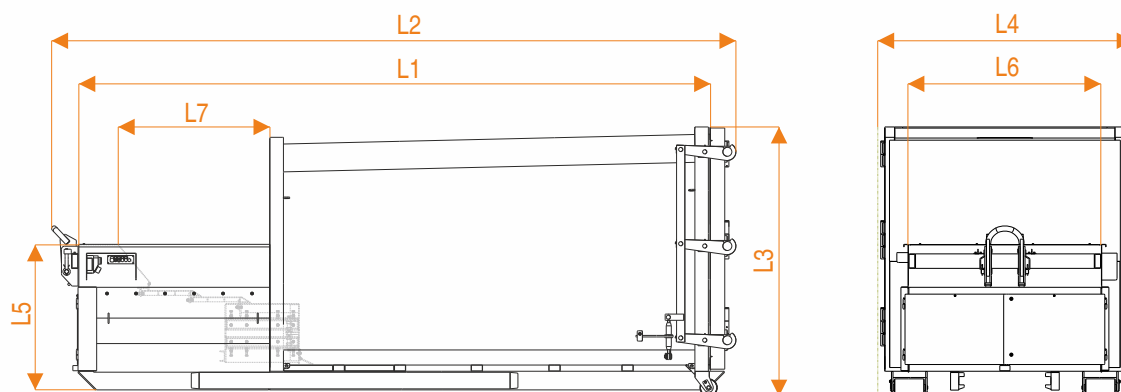
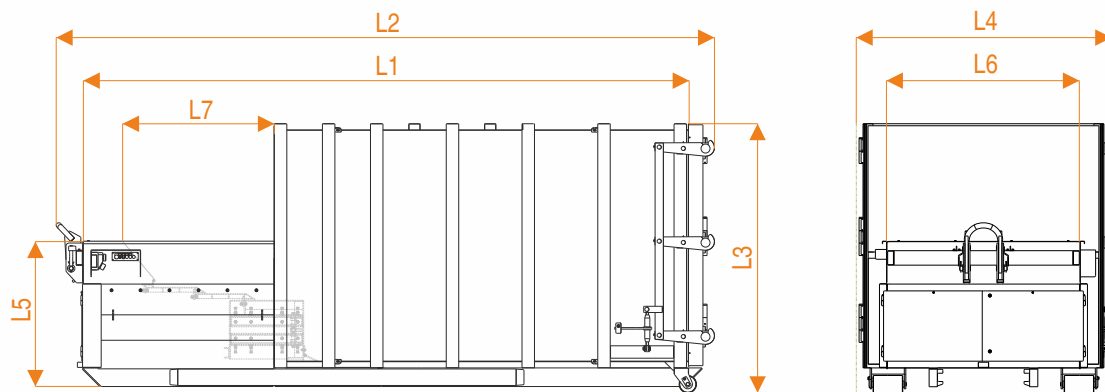
Additional equipment

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 as programmable self-monitoring electrical control system
- Filling level warnings (75% and/ or 100%)
- Pendulum flap instead of the standard door over the discharge opening
- GSM - alarm systems / GPS-module
- Different units with power classes from 5.5 to 15 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 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)
- Fixed or swinging retaining teeth on the breaking edge
- Bulky waste design (reinforced design with enlarged filling opening)
- 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 - N & GN

Name		LM 14		LM 16		LM 18		LM 20		LM 22		LM 24		LM 26	
		N	GN	N	GN	N	GN	N	GN	N	GN	N	GN	N	GN
Container capacity	(m ³)	14		16		18		20		22		24		26	
Clear container length	(mm)	5,040	5,150	5,240	5,450	5,640	5,850	5,850	6,100	6,180	6,650	6,540	7,050	7,120	7,550
Maximum length (L2)	(mm)	5,560	5,670	5,760	5,970	6,160	6,370	6,370	6,620	6,700	7,170	7,060	7,570	7,640	8,070
Maximum height (L3)	(mm)							2,600							
Maximum width (L4)	(mm)							2,500							
Filling opening	Height (L5)							1,410							
	Width (L6)							1,890							
	Length (L7)							1,470							
Compaction ram	Height							580							
	Width							1,875							
	Dipping depth							215							
Time per working stroke	(s)							42							
Volume	per stroke							1.3							
	per hour							112							
Pressing force	(kN)							340							
Net weight	(kg)	4,300	4,120	4,380	4,120	4,520	4,280	4,600	4,400	4,740	4,560	4,880	4,680	5,140	4,920
Overall 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

