

Roll-Packer

Alpha-Pack-Bins

Mobile-Pack-Bins

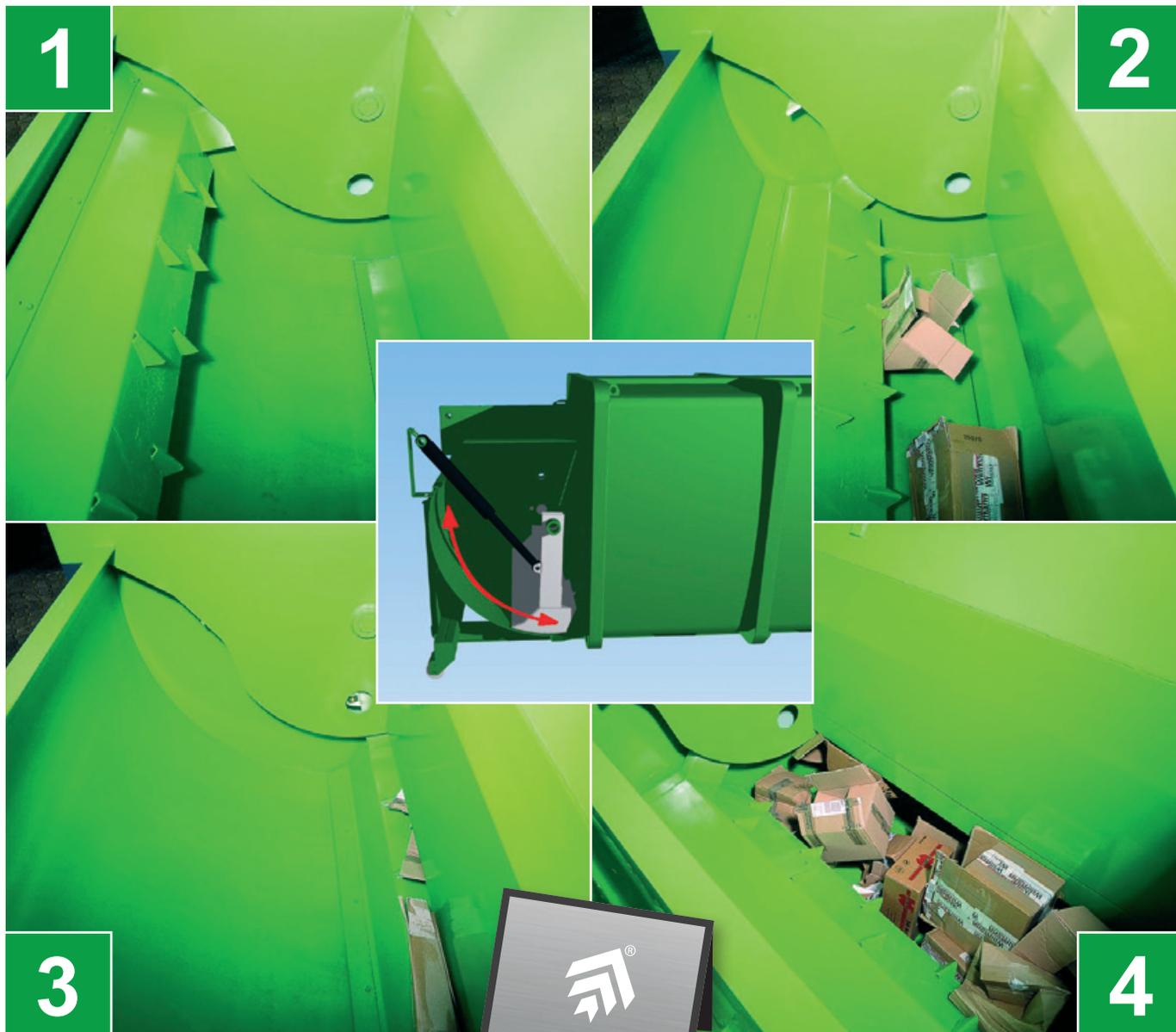
Roto-Compactors

 **BERGMANN**
Machines
for Waste Management



Mobile-Pack-Bins

Self-cleaning pendulum blade reaching under the waste material.
Compactor for residual waste and wet waste.



Function and Benefit

- 1** Representation of the self-cleaning pendulum blade in rear position
- 2** During the press stroke, the entire filling area is available for continuous filling
- 3** In the prestroke, the material is compacted under the breakwall edge towards the container
- 4** In the return stroke, the piston-driven pendulum crosses below the material and throws it in front of the press plate

BERGMANN Mobile-Pack-Bins. An invention of BERGMANN.

The system invented 40 years ago by Bergmann guarantees cleanliness without external refuse deposits. The MPB can be fed continuously, because the swing piston crosses below the waste that is fed during backstroke. This drops in front of the press plate and is pressed into the container on the prestroke. This is how optimal compression is achieved. Years of experience and continuous development led to a lower dead weight with higher construction stability.



The piston-driven pendulum. With self-cleaning effect.

The oscillating suspended press ram ensures that the pressing cylinders do not come into contact with the waste. They therefore convince by excellent durability and low maintenance costs. Furthermore, this eliminates costly cleaning work in front of, behind or under the press ram. Only with BERGMANN is the entire filling area always available with every cycle.

High efficiency. Low maintenance effort and high compression.

The Mobile-Pack-Bins (MPB) are characterised by high compaction results and long service lives. Thus, the machines are not only very economic, but they also make a valuable contribution to the reduction of CO₂ levels.



There are no cleaning costs following every emptying. Thanks to a waterproof design, the installation locations also remain clean. The aggregate and switch box are easily accessible from the outside. All things considered, maintenance and repair costs are thus significantly reduced and durability is increased.



Compression results from practical experience for a MPB 907 with 20 m³

| | | |
|--------------------------|---------------------------|--------------|
| Wholesale bakery: | Bread and bakery products | ca. 8,000 kg |
| Dairy: | Residual waste | ca. 6,500 kg |
| Hospital: | Residual waste | ca. 6,500 kg |



Bergmann MPB 907 with pendulum discharge door and special equipment

Machines and Equipment

Two powerful series for supermarkets, canteen kitchens, hotels, hospitals, food productions.

For skip-lift vehicles or roll-on roll-off vehicles

| | MPB 906/907 | MPB 405 |
|--------------------------------------|--|---|
| Types of refuse | Wet refuse, residual waste and domestic waste | |
| Locations | Restaurants, hotels, hospitals, food productions, slaughterhouses, supermarkets, printing houses | |
| Charge box capacity | 14, 18, 20, 22, 24, 26 m ³ | 6, 8, 10, 12, 14 m ³ |
| Charging hole | 1800 x 1280 mm | 1400 x 1000 mm |
| Loading of containers | Hook lift, in the front foldable, adjustable, in the rear optional | pick-up points for skip-lift vehicles, variable |
| Rollers | Two in the rear (optionally in the front) | without |
| Operating weight | 3,500 - 5,120 kg | 2,460 - 3,200 kg |
| Drive | 5.5 kW electric motors/380-415 V/32A Hydraulic individual pump with differential switching (Double pump optional) | |
| Additional equipment optional | ¾ full level signal, 100% full level signal, integrated lift-tipping-device, covers over the loading chamber, hydraulic cover lid, funnel over the filling hole, watertight version, remote control, vandalism protection, optical signal, acoustic signal, drainage device, special drive motors, drive via truck hydraulics, special overall heights, special paint, double pump, cable-system for roll-on roll-off vehicles | |

Technical data – see separate data sheet



Full signal message:

75% and/or 100% full signal

via GSM module to you or your disposal contractor –

by E-Mail, SMS or fax!



Full level signal as SMS or e-mail



Bin-lift-tipping device



Loading bucket for loose material



Bulkhead with cover and lid opener

Solutions

Customised series production.

With lots of additional options and special solutions.

Uncompromising customer focus.

BERGMANN Mobile-Pack-Bins

Bin-lift-tipping device. Universal for all sizes.

The BERGMANN bin-lift-tipping device lifts up the waste bin and tips the waste into the compaction chamber. The special feature compared with conventional bin lifts is that it first lifts up the bin and then tips it. This means that waste bins of different heights can be picked up – without any need for adjustment! From 120 l bins through to large 1,100 l roller bins. Available with pinion or/and comb-type lift-tipping system.

GSM module. Fill level signal simply on mobile- phone or computer.

No emptying trips on spec! This is the main benefit of a GSM module for the automatic sending of fill level signals by SMS or e-mail (see picture top left). As a new customer, simply log in via the Internet at www.bergmann-online.com, enter your mobile phone number or e-mail address, and from this moment on, you will be notified automatically as soon as the MPB has reached the specified fill level. This gives you the security of knowing that the MPB's capacity has been used to maximum before you call your disposal contractor. Even better – the full message can also be sent directly to your disposal contractor.

Special design for operation on truck, with low construction height and loading funnel

Customer-specific special solutions.

Special tasks call for special solutions. This is where we will gladly assist you with our inventive talent, our wealth of experience and our claim to constantly developing our machines in line with our customers' needs. We have already implemented many special solutions. By way of example, a mobile MPB installed on the back of a truck, which collects waste from various sites and compresses this as it travels along, plus a disposal concept with secure access for a specific group of users and many more. Come to us with your requirements. And together we will devise an optimised solution.

Additional options and special solutions on request.



The hallmarks of all BERGMANN machines:

They are market leader in terms of compaction

And cost-efficiency. Permit continuous filling.

Are easy to empty. And require extremely low maintenance.



Roll-Packer

The rolling pronged drums for open containers. Both as a stationary or mobile compactor for waste and recyclable materials. Used worldwide for over 30 years.



Alpha-Pack-Bins

Compaction containers with self-cleaning throw-over blade technology. For paper, cardboard packaging and other dry waste materials.



Mobile-Pack-Bins

Compaction containers designed for refuse and wet waste. Smart pendulum blade technology renders cleaning in the compaction area unnecessary.



Roto-Compactors

Waste compactors designed for the continuous feeding of wet and dry waste materials. Compacts up to 800 kg as bales or in roller bins.

Contact

BERGMANN Machines for Waste Management
Von-Arenberg-Straße 7 • 49762 Lathen/Germany
Telefon +49 5933 955-0 • Telefax +49 5933 955-294
info@bergmann-online.com • www.bergmann-online.com

