

# Пресс-компакторы Alpha-Pack-Bin APB 606

## Технические характеристики

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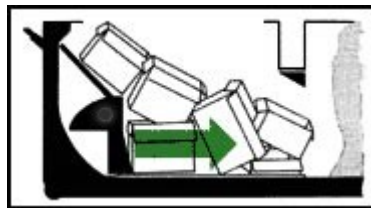
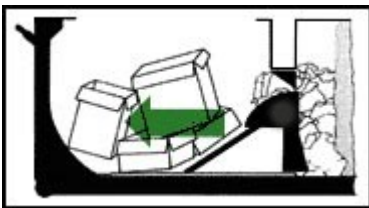


## **BERGMANN Alpha-Pack-Bin** **Alpha-Pack-Bin APB 606** for roll-off skip loaders

- Mobile waste press container for cardboard boxes, paper and foils
- Roll-off skip loader version
- Electrohydraulic drive
- Linear arrangement of the compaction cylinders
- Self-cleaning throw-over blade system (no cleaning works required)
- Modular structure for flexible application and rigging possibilities
- Special designs per customer's request

## **Working method**

1. Illustration of the self-cleaning pendulum blade with throw-over blade system in front position. During the compactor stroke and the following return stroke, the entire filling area is available for continuous filling.
2. Illustration of the self-cleaning pendulum blade with throw-over blade system in extreme rear position. Thanks to the throw-over blade system, the material thrown in during the preceding compactor stroke is thrown in front of the compacting piston.





for roll-off skip loaders

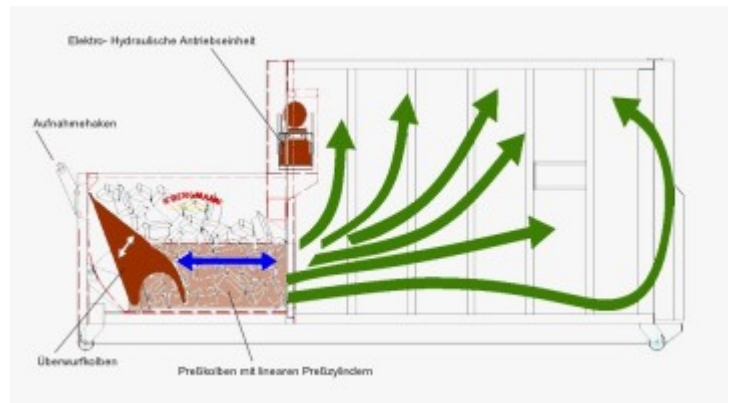
## BERGMANN Alpha-Pack-Bin Alpha-Pack-Bin APB 606

### Product description

Special characteristic of the BERGMANN Alpha-Pack-Bins are very high compaction results - due to the linear position of the compaction cylinder and the continuous filling in a large and easy-to-feed loading aperture, even if the container is currently in the compaction mode.

Thanks to the pendulum roof developed by BERGMANN, a trouble-free emptying is guaranteed. A standard feature of the Alpha-Pack-Bins is the automatic self-cleaning of the patented BERGMANN throw-over blade system. No manual, difficult and unhygienic cleaning of the compacting piston is required.

BERGMANN Alpha-Pack-Bins of the series 606 are available for roll-off skip loaders and have a low operating noise level. They have a well-developed design and technology and convince because of their low-maintenance operation.





for roll-off skip loaders

**BERGMANN Alpha-Pack-Bin**

**Alpha-Pack-Bin APB 606**

## Economic efficiency

- BERGMANN's own development with pendulum roof, patented throw-over blade system and many years of experience
- Ideal for compacting re-usable material like paper, cardboard, foils, etc.
- The APB does not have cleaning ports, because it is self-cleaning due to the patented throw-over blade system, which saves labour costs for cleaning. Unhygienic activities are no longer necessary
- Huge loading aperture (approx. 1,700 x 2,000 mm)
- Filling edge = filling area The waste need not be thrown above the cylinder area
- The machine can be continuously fed thanks to the patented BERGMANN throw-over blade system even if the compacting piston is in the return stroke.
- Highest compaction due to the typically linear arrangement of the compaction cylinders made by BERGMANN is proven. Thus, the waste is compacted to a minimum of the original volume
- Comfortable operation by clearly arranged push buttons
- Trouble-free emptying through pendulum roof
- Negligible operating noise
- Reduction of disposal costs of up to 75%
- Long service life of the machine through rare emptying = high availability on site
- Drastic savings by reducing the number of disposal journeys to a minimum
- Lowering of personnel costs for waste handling
- Minimising the utility space for waste storage. Thus, saving on storage costs and storage areas for conventional containers
- Can easily be expanded due to its modular structure. Thereby you have a simple customisation to various locations
- The highest quality standard for years
- Well-developed design and technology on the basis of many years of experience
- High, fast and available for spare parts for many years, guaranteed for 15 years!
- Worldwide service network





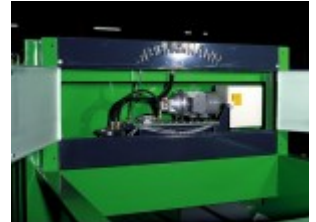
for roll-off skip loaders

**BERGMANN Alpha-Pack-Bin**

**Alpha-Pack-Bin APB 606**

## Technical characteristics

- Huge loading aperture (approx. 1,700 x 2,000 mm) with a volume of 4.5 m<sup>3</sup>
- Enormously high processing capacity of 2.00 m<sup>3</sup> per working stroke
- Bin with pendulum roof for trouble-free emptying
- High compaction force of 345 kN with APB 606 SN 20
- Press plate guiding system with 100% compaction force over the full stroke length
- High filling weights of, on the average 4.5 tons cardboard boxes in the APB 606 SN 20 and more
- Compactor stroke in only 36 seconds
- Durable, purely hydraulic drive unit with maintenance-free central hydraulic block
- Compaction chamber and press plate constructed from extremely high steel strengths. Bottom of the loading aperture made of high-quality and wear-resistant steel
- Front and rear pick-up hook variable in height for adjustment to all standard roll-off skip loaders
- Laterally fastened door with 3 central locks via easy-to-serve ratchet catch
- Pendulum claws on the break edge and the large immersion depth of the compacting piston avoid that the waste streams back
- Easily accessible hydraulic power pack above the compaction chamber through wing doors
- Great stability with economic net weight
- Machine TÜV/GS and CE-certified
- Skirting protection of the control elements for protection against damages
- Container is continuously welded
- Circulation of the material due to special circulation edges at the discharge opening results in a high volume utilisation of the container
- Completely "Made in Germany" by qualified and experienced staff





for roll-off skip loaders

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## Equipment

### Standard equipment

- Pick-up-system, pluggable and turnable in the front, thus fast and easy adjustment of the pick-up height by means of bolts on various unwinder types
- Screwable pick-up-system the rear, thus pick-up height of 1,450 mm and 1,570 mm possible
- Differential circuit for quick stroke periods
- Pendulum roof for trouble-free emptying
- Self-cleaning throw-over blade
- Drip tray with drain valve
- Central storm-water runoff
- Autotimer
- Oil level indicator and oil level monitoring
- Overload protection
- Working hour counter
- Unproblematic retrofitting with a lid covering the loading aperture
- Hydraulically controlled and, thus, durable reversing valve
- 2 front rollers and 2 rear rollers

### Accessories

- $\frac{3}{4}$  full and/or 100% full signal
- Increased lateral walls in various designs
- Full signal via GSM Module to you or disposer
- Double hydraulic pump for even quicker stroke periods
- Manually or hydraulically operated lid covering the loading aperture in the back or laterally fastened (protects against filling by unauthorised persons and the penetration of rain water)
- Rubber seal of the lid (reduces odors and provides watertightness)
- Lift-tipping-device, integrated for pivoting and/or comb lifting system (lifts the waste bin and tips the contents into the compactor)
- Remote control via cables
- Photo electric cell in the filler area (automatic start of the machine)
- Fire fighting point
- Connection for draining
- Flap covering the control panel, lockable against vandalism
- ... and many more
- ... ask for special versions



for roll-off skip loaders

## **BERGMANN Alpha-Pack-Bin**

### **Alpha-Pack-Bin APB 606**

## **Locations**

Everywhere, where dry re-usable material accumulates, as in:

- Supermarkets
- Trade
- Industry
- Printing houses

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