# Пресс-компакторы Alpha-Pack-Bin APB 1620

Технические характеристики

#### По вопросам продаж и поддержки обращайтесь:

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- Mobile waste press container for cardboard boxes, paper and foils
- Roll-off skip loader version
- Electrohydraulic drive
- Modular structure for flexible application and rigging possibilities
- Special designs per customer's request
- Linear arranged hydraulic cylinders for a 100% power transfer and therefore maximum compaction results
- Hydraulic cylinders arranged laterally from the compaction blade
- As a standard, with a pendulum roof as an emptying aid

## **Working method**



Image shows arrangement of the cylinder (linear and outside)



### **Product description**

The Alpha-Pack-Bin type APB 616 is a mobile compaction container, which can be transported with the help of roll-off and slip off vehicles. The Bergmann compaction principle compacts cardboard boxes and re-usable materials in an efficient manner. The highest compaction results are thereby achieved through the linear arrangement of the hydraulic cylinders. Unlike the scissor-like arranged cylinders of the APB 616, these are mounted on the exterior to be easily accessible. This eliminates repair work on cylinders or hydraulic hoses from negligent cleaning work. The compacting piston with the APB 616 consists of the main piston and two hinged cover plates. The machine is equipped with a high-powered compacting piston with a deep immersion area in the compaction container.



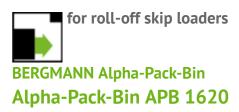
The APB 616 as well was developed with the advantage of linearly arranged cylinders. This results in higher power transmissions of about 15% compared to the scissor-like compaction system.



### **Economic efficiency**

- BERGMANN's own development with pendulum roof
- Ideal for compacting re-usable material like paper, cardboard, foils, etc.
- · Huge loading aperture
- 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





#### **Technical characteristics**

- Huge loading aperture
- · High processing capacity
- Bin with pendulum roof for trouble-free emptying
- High compaction force due to linear arrangement of cylinders
- 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 616 SN 20 and more
- Durable, purely hydraulic drive unit with low-maintenance hydraulic hydraulic block
- 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
- Skirting protection of the control elements for protection against damages
- Bin is continously 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





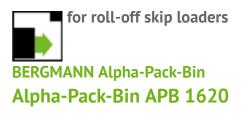
### **Equipment**

#### 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 in the back, 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
- Standard drip tray under hydraulic power pack
- 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

- ¾ 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
- Lid covering the loading aperture in the back or laterally attached (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
- Fire fighting point
- Flap covering the control panel, lockable against vandalism
- ... and many more
- ... ask for special versions



# Locations

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

- Supermarkets
- Trade
- Industry
- Printing houses

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