

ALPHA-PACK-BIN

APB 606 SN

for roll-on-off vehicles

System: *Throw-over blade*



BERGMANN
Machines
for Waste Management

www.bergmann-online.com





1. Illustration of the self-cleaning throw-over blade in the backward position



2. During the forward cycle the whole filling area remains available for continuous charging



Method of operation and features

The ALPHA-PACK-BIN:

- is characterised by **extremely high compaction** with **easy emptying**, thanks to the patented pendulum roof. When the discharge door is opened and the bin tilted, the roof swings upwards, giving a clearance of 70 mm above the compacted material. This reduces the pressure on the side walls, and the highly compacted material can be removed easily.
- is **self-cleaning** - no cleaning work is needed below or behind the blade - thanks to the patented throw-over blade system.
- can be fed with material **continuously**; the throw-over blade passes under the material in the return cycle and pushes it in front of the packer blade.
- is designed, built and tested with the famous BERGMANN quality.
- has, of course, been safety-tested by **TÜV-GS** (the German Technical Inspectorate).



Take the lead with
BERGMANN

patented
BERGMANN-Technology

●

the product philosophy:
efficient handling of waste
where it is generated

●

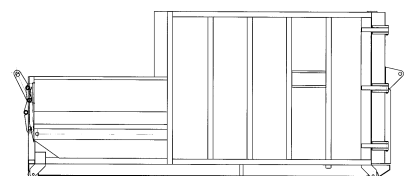
**matured product design
and technology**

●

**quality standards of
the highest level**

●

**wide acceptance in
European and
global markets**





3. In the return cycle the throw-over blade passes under the material and pushes it in front of the packer blade



4. In the forward cycle the material is pressed under the breakwall into the box



Advantages and benefits for the customer

The ALPHA-PACK-BIN:

- has a huge capacity, since 5 tonnes or more of cardboard, for example, can be compressed.
- reduces the number of transport journeys to a minimum
- cuts staffing and space costs considerably

This brings you radical savings in disposal costs.

You are in good company...

Thousands of businesses in industry and commerce are using the ALPHA-PACK-BIN

The ALPHA-PACK-BIN offers unique advantages in comparison with conventional compaction containers:

- very high compaction
- easy emptying
- self-cleaning
- low maintenance
- TÜV/GS safety-tested

BERGMANN supply quality.



Compaction results

Compaction achieved with the ALPHA-PACK-BIN*

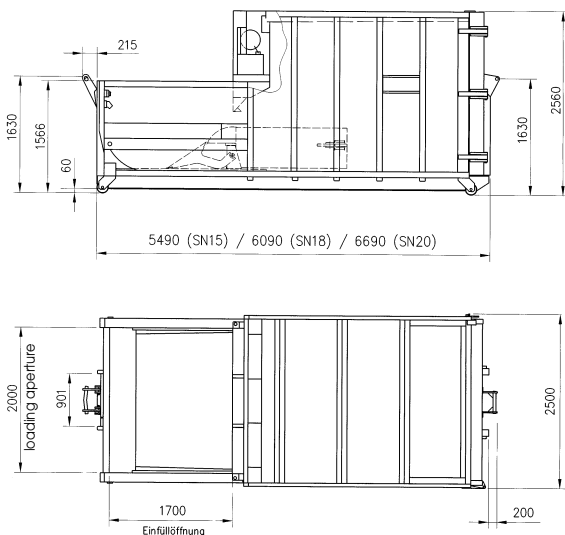
Example values obtained with the APB 606 SN/18 m³

Cardboard approx. 4,500 kg

Used paper approx. 6,000 kg

General Waste approx. 7,000 kg

***The compaction results were determined under usual industrial conditions.**



Standard equipment:

- Hook points on both sides
- Fold-down front hook
- 4 rollers
- Oil drip tray
- Central rainwater drain
- Discharge door with robust, secure triple locking device
- No cleaning needed under or behind the packer blade
- Packer blade control gives 100% compaction force over the whole cycle
- Pendulum roof for easy discharge

Type: APB 606 SN

Technical data	SN 15	SN 18	SN 20
Capacity	14,6 m ³	17,5 m ³	20,3 m ³
Forward/return cycle speed	36/36 ²⁾ sec.	36/36 ²⁾ sec.	36/36 ²⁾ sec.
Loading aperture	2,000 x 1,700 mm	2,000 x 1,700 mm	2,000 x 1,700 mm
Cylinder thrust approx.	315 kN	345 kN	345 kN
Blade face pressure approx.	26,3 N/cm ²	28,9 N/cm ²	28,9 N/cm ²
Maximum operating pressure	200 bar	220 bar	220 bar
Net weight approx.	4.980 kg	5.300 kg	5.660 kg
Length	5,490 mm	6,090 mm	6,690 mm
Width x height	2,500 x 2,560 mm	2,500 x 2,560 mm	2,500 x 2,560 mm
Electrical Data	5,5 kW/400 V/50 Hz, clockwise phase sequence 25 A surge-proof, CEE form 32 A ²⁾ 20/20 sec. with double pump		

The technical and functional safety complies with the safety regulations for refuse compactors. Some illustrations also include optional accessories. Dimensions and technical details are not binding. The manufacturer reserves the right to make changes without prior notice.