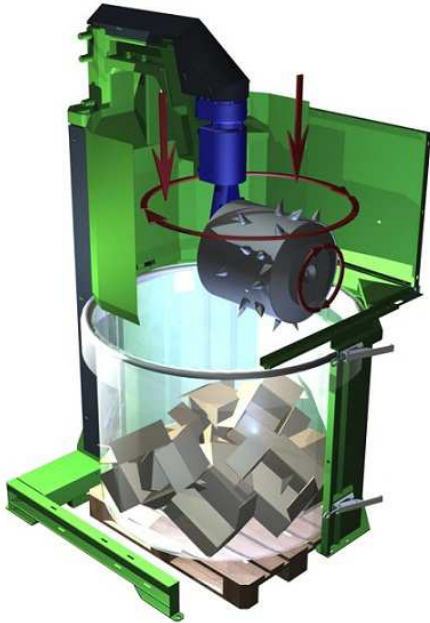


BERGMANN ROTO-COMPACTOR APS 800



The principle of the BERGMANN APS 800 is similar to the principle of the PS Roto-Compactors - but the compaction is taking place in a bin!



picture shows a 800 litre roller bin, galvanized with plastic lod (optional)

Idea and functional principle

The Roto-Compactor APS 800 belongs to the hydraulically driven Bergmann rotating waste compactors. The basic idea is to compact waste/recyclable material directly where it will be produced. This leads to savings of disposal trips, reduces the costs and saves the environment.

A left and right turning and rotating compaction drum „steamrolls“ every material and grabs it into a bin. By means of the specially equipped drum the waste will be compacted in layers. Idea, conception and implementation come from Bergmann and the more than 30-year-old experience in this technique.

Easy handling due to continuously filling

After inserting the 1100 litre bin the machine is ready for operation. After the start button has been activated the compaction unit sinks and the waste/recyclable material can be thrown in.

Waiting for the end of the compaction cycles or filling rhythms is not necessary!

The compaction operation takes place automatically. The system will be controlled in a way so that the drum moves forward and backward in permanent change. Just throwing in the material and attend to work again afterwards!

Compaction in layers

The compaction drum will be driven by a solid angular gear which is driven by a low-maintenance hydraulic motor.

The compaction takes place in a **800 litre bin**. Therein the compaction drum grabs the material in layers until the full signal will be initiated. Solely in view of cartonnage a compaction weight of approx. 150 kg will be attained.

Example:

Out of 6m³ make 0,8m³ in one bin!

BERGMANN Machines for Waste Management



Usage

The APS 1100-E is particularly suitable for recyclable material, such as paper, cardboard and the like as well as residual waste and wet waste. The typical usage of this machine takes place in supermarkets, hospitals, retirement homes and also in the industry, such as the food and packaging industry.

This machine can be filled optionally via chute or fa-
ceplate. If the machine will be installed in a high-rise
building two possibilities for filling are available. On
the one hand the machine could be filled by means
of the chute from the ground floor. Apart from that a
simultaneously filling from a overlying floor via a
waste chute is possible as well. This is only possible
with the PS 8100!





Safety

The Bergmann APS correspond to the European
Machinery Directive CE and are equipped with the
latest safety technology as standard. For example
the attendance of a bin will be requested with a
safety limit switch. Without the attendance of a bin,
the machine cannot be started.

Technical data of the APS 800

<p><u>Driving unit hydraulic system</u></p> <p>Driving unit hydraulical aggregate</p> <p>Compaction unit 2,2 kW / 1.455 U/min</p> <p>Rotation speed drum approx. 18 U/min</p> <p><u>Gear</u></p> <p>Amount of gear oil</p> <p>Main gear unit 1,0 litre</p> <p>Angle 1,30 litre</p> <p>Gear oil CLP acc. to DIN 51 517, part 3</p> <p>Viscosity from 320 mm²/s at 40°C</p> <p>Temperature range -10°C to +60°C</p>	<p><u>approx. dimensions</u></p> <p>Width of the machine 1.150 mm</p> <p>Depth of the machine 1.675 mm</p> <p>Height of the machine 1.970 mm</p> <p>Max. required space for handling</p> <p>Width min. 1.200 mm</p> <p>Height min. 2.360 mm</p> <p><u>Electrical data</u></p> <p>Input voltage 400 V / 3 Ph</p> <p>Frequency 50 Hz</p> <p>Control voltage 24 V</p> <p>Preliminary fuse on site 3 x 16 A K</p> <p><u>Further information</u></p> <p>Movement manually with spec. equipment</p> <p>Noise level approx. 76 dB(A) acc. to DIN 5045 (1m distance)</p> <p>Total weight approx. 720 kg</p>
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Subject to technical modifications.

EDV-code	description	scope of delivery
34325116 	<p><u>Ozone generator</u></p> <p>Prevention of unpleasant odours and disinfection by means of the bactericidal, fungicidal and viricidal effect of ozone. Ozone is heavier as air and is generated without the need of operating resources from ambient air. After 20 minutes it will degrade to oxygen. The generator is adjustable from 0 to 200 mg/h.</p>	<p>ozone generator</p> <p>various fixing material</p>
34325341 	<p><u>Knife equipment on the gearbox neck</u></p> <p>Additional knives on the gearbox neck which cut the material still more.</p>	<p>knife equipment</p> <p>fixing components</p>
34325356 	<p><u>Full signal via flashing light</u></p> <p>An optical sign that advises the operator of the 100 % full signal.</p>	<p>flashing light</p> <p>various electrical components</p>
34325365 	<p><u>Water sprinkler (via main connection)</u></p> <p>Water sprinkler for the connection to the main water supply.</p>	<p>valves</p> <p>spray nozzle</p> <p>various equipment</p>

EDV-code	description	scope of delivery
<p>34325439</p> 	<p><u>Additional emergency stop button</u></p> <p>An additional emergency stop button on the frame of the machine gives additional safety if a second person recognizes danger.</p>	<p>additional emergency stop button</p>
<p>34325869</p> 	<p><u>Additional remote control</u></p> <p>Additional remote control with 5m cable.</p>	<p>remote control</p>
<p>34325097 (comb lift) 34325098 (comb & pinion lift)</p> 	<p><u>Galvanized roller bin 600 litre (comb)</u> <u>galvanized roller bin 600 litre (comb & pinion)</u></p> <p>Galvanized roller bin with a capacity of 600 litre incl. galvanized castors verzinkt for comb lift respectively for comb & pinion lift.</p> <p>(picture shows roller bin with comb & pinion lift as well as the plastic lid - „optional“)</p>	<p>galvanized roller bin 600l</p>
<p>34325100 (comb lift) 34325101 (comb & pinion lift)</p> 	<p><u>Galvanized roller bin 800 litre (comb)</u> <u>galvanized roller bin 800 litre (comb & pinion)</u></p> <p>Galvanized roller bin with a capacity of 800 litre incl. galvanized castors verzinkt for comb lift respectively for comb & pinion lift.</p> <p>(picture shows roller bin with comb & pinion lift as well as the plastic lid - „optional“)</p>	<p>galvanized roller bin 800l</p>



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