

Roll-Packer

Alpha-Pack-Bin

Mobile-Pack-Bin

Roto-Compactor

 **BERGMANN**
Machines for
Waste Management



Roll-Packer

Rolling compaction drums from BERGMANN.

Compacts waste in open containers.

Up to 80 % less disposal costs.

Up to 80 % less CO₂ emissions.



1

2

3

4



How they work.

Roll-Packers from BERGMANN roll, break up and compact waste and rubbish in open containers up to 7 m in length.

As a result, the container can hold up to 5 times more waste material.

BERGMANN Roll-Packer.

A BERGMANN invention.

The rolling compaction drum for compacting waste material is a BERGMANN invention. This technology has been in continuous service for 30 years – at recycling depots, large supermarkets, industrial plants and elsewhere. It is clean, highly efficient with extremely low-maintenance!

The principle is simple: a heavy compaction drum with an automatic hydraulic drive operates inside the container by means of a cranked arm, thereby gripping, shredding and compacting the contents.

In response to our customers' requirements, we have constantly expanded the series of Roll-Packers: from the static Roll-Packer which is stationary at one open container, to rail-mounted systems for multiple containers in a row through to a mobile system that can be used for several displaced containers and our Trans-Pack that can be transported to different sites.

How it works.

The pictures on the left show the typical ways in which the BERGMANN series of Roll-Packers work.

- 1** Prior to compaction: The open container is loaded with the first layer (here cable drums).
- 2** The heavy drum of the BERGMANN Roll-Packer breaks up, shreds and compacts the waste.
- 3** During compaction, the container can be loaded continuously with further layers.
- 4** After compaction, the container can be filled again and again: up to 5 times more waste material than without compaction by the BERGMANN drum.



The BERGMANN RP 7700 for stationary use **at one container.**

The BERGMANN Mobile Jumbo for several displaced containers at **one site**.



Benefits

Up to 5 times more waste in the container.

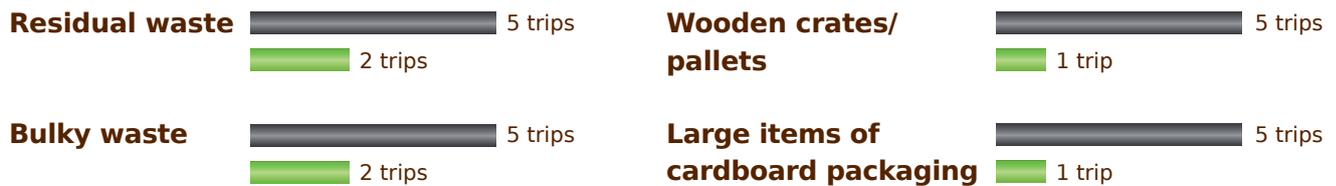
Eliminate up to 4 out of 5 disposal trips.

Reduce CO₂ emissions by up to 80 %.

Save up to 80 % in logistics costs.

BERGMANN Roll-Packer.

Offer exceptional rates of compaction.



Source: Customer information Trips without Roll-Packer Trips with Roll-Packer

Convincing the Financial Controller. An example:

Starting situation: Compaction of pallets and wooden crates in an open container (35 m³), amount of waste 5 t/week or 260 t/year, fuel consumption 25 l/100 km, fuel price 1.30 euro/l, distance to disposal site 30 km, transport duration 1.43 h (at average speed of Ø 42 km/h), cost per transport hour 50 euros.

Cost-benefit calculation:

	Without RP	With RP	Difference	Savings
Filled weight	2.4 t	7.9 t		
Emptying time	5 min	5 min		
Trips per year	109 trips	33 trips	76 trips	5,434 euros
Emptying time per year	10 h	3 h	7 h	350 euros
Fuel consumption per year	1,635 l	495 l	1,140 l	1,482 euros
Savings in disposal costs per year/per container				7,266 euros

Reduce CO₂ emissions.

With a saving of 1,140 litres diesel per year (see example above), **you avoid approx. 2.8 tonnes CO₂ emissions. And that's just with one Roll-Packer at one container!** To achieve the same effect, you would have to leave your car at home for more than one whole year.*



Consequently, BERGMANN Roll-Packers also present a good solution for use in conservation areas.

* Mid-range car, 12,000 km/year

Would you like to find out by how much you could benefit?
www.bergmann-online.com



RP 7700



RPV 7700



Mobile Jumbo



Trans-Pack Flexible

Products

Tailor-made solutions.

Clever designs for simple or multiple containers.

For one or more sites.

Solid construction. Extremely low maintenance.

100 % quality "Made in Germany".

BERGMANN Roll-Packers...

...flatten everything.

BERGMANN Roll-Packers are ideally suited for compacting all types of voluminous and bulky waste and recyclable materials, e.g. pallets, bulky household items, green waste and cable drums - without first reducing, shredding or folding.

...are easy to operate.

Being equipped with robust push-button controls, the BERGMANN Roll-Packers are simple and safe to operate after brief instruction. The container can be loaded continuously, while the heavy compaction drum rolls tirelessly from one end to the other, breaking up and compacting the waste effectively. This saves time.

...are extremely low in maintenance.

BERGMANN Roll-Packers have been designed for continuous operation. Sophisticated technology with a hydraulic drive unit and stringent quality standards in the production stage go to ensure that the compaction drum just goes on rolling...

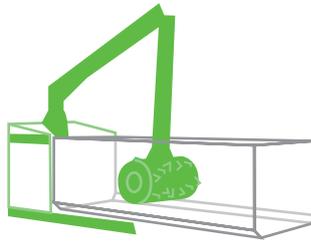
...require no changes.

Structurally, no modifications whatsoever are required in order to use a BERGMANN Roll-Packer. And no changes are required to the existing collection system.

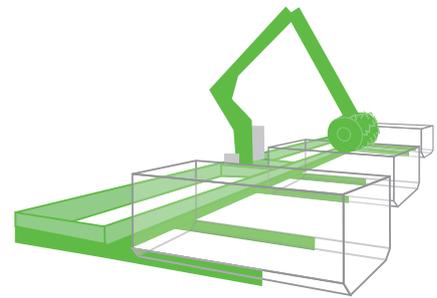
In other words, install the Roll-Packer and start reducing your disposal costs and CO₂ emissions right away.



The BERGMANN RPV 7700 rail-mounted system for **multiple** containers **arranged side by side** at one location.



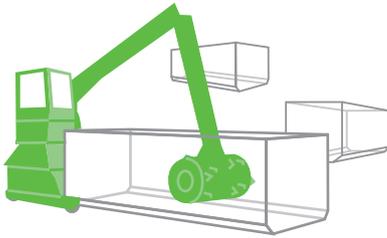
RP 7700



RPV 7700

Types of application	Stationary for one container	Stationary for multiple containers arranged side by side
Description	Stationary device for one open container. A compaction drum with a hydraulic drive is made to move inside the container by means of a cranked arm, thereby gripping, shredding and compacting the contents.	For multiple containers arranged in a row. Compaction system that moves by means of a rail system. The compaction unit is moved from one container to another electrically by means of a geared motor and a chain pulley system.
Types of waste	All types of voluminous and bulky waste, e.g. cardboard, paper, foil, organic waste, plastics, bulky household items, residual waste, wooden crates, pa	
Places used	Recycling depots, waste collection centres, large supermarkets, industrial plants	
Drive	Hydraulic electric: 5,5 KW/380-415 V	Hydraulic electric: 5,5 KW/380-415 V
Drum weight	1,5 t (approx.)	
Equipment	Variable rolling time (compaction time), automatic or manual operation, display of the operating mode on the operator panel; operator panel with "Forward/Reverse" for manual roller travel control, oil cooler for continuous operation, working hour counter, electric IP rating IP 54 (dust/splash-proof), hydraulic pump, auto-timer, oil level monitor, overload protection	
Special equipment*	Automatic full signal, remote control, traversing unit	Extension for multiple containers and for an additional compaction unit, multi-switch box for simple roller travel setting
Space required (without container)	Width: 2800 mm Length: 4900 mm Height: 6600 mm	For system with 2 container locations: Width: 6444 mm Length: 5098 mm Height: 6600 mm
Net weight	3200 kg (approx.)	4200 kg (approx.)
Container size (max.)	Length: 7000 mm (approx.) Height: 2700 mm (optionally: 3100 mm)	

* Additional equipment options and special solutions available upon request



Mobile Jumbo



Trans-Pack Flexible

<p>Mobile for multiple containers at any site location</p>	<p>Flexible for multiple containers at separate sites or stationary at one ramp</p>
<p>Self-propelled machine driven by a diesel engine. The engine is used both for propelling the machine and for the compaction operation. Optionally, it is possible to manoeuvre the containers by means of a hydraulic transport hook.</p>	<p>A compaction unit that can be transported by means of a separate roll-on/roll-off platform and operated from a truck, trailer or a ramp. The unit is driven by the truck hydraulics, or by the optionally integrated and independently operating diesel generator set.</p>
<p>allets, metals</p>	
	<p>Alternating collection points</p>
<p>Diesel engine: 4-stroke, 3-cylinder, 25,5 KW</p>	<p>Via truck hydraulics or optional diesel generator set</p>
	<p>Manual operation, display of operating state on the operator control panel; operator control panel with "Forwards/Reverse" for manual roller travel control, oil cooler for reliable continuous operation, working hour counter, electrical IP rating IP 54 (dust/splash-proof), branded hydraulic pump, oil level monitoring, overload protection</p>
<p>Container traversing unit for hook weights of up to 9,5 t, multi-switch box for simple roller travel setting</p>	<p>Diesel generator set for truck-independent operation</p>
<p>Width: 2930 mm Length: 3750 mm Height: 7100 mm</p>	<p>without truck/trailer: Width: 2500 mm Length: 5723 mm Height: 6100 mm</p>
<p>6500 kg (approx.)</p>	<p>4200 kg (approx.)</p>
	<p>Length: 7000 mm (approx.) Height: 2700 mm, depending on vehicle/ramp</p>



RP 7000 SG (lateral motion) for units with low ceiling height.



Compaction drum as a special version.



Shutable unit for RP 7700.



We do more.

Always ready to listen to customers.

“Outside the box” problem-solving.

Fast and reliable service partner.

15 years spare parts guarantee.

This is BERGMANN.

Waste equipment pioneers.

As a pioneer in machine construction for waste management, and family business, we are always ready to listen to our customers. From giving advice to providing after-sales service. By way of example, in addition to standardised machines, we also offer a whole range of special solutions and accessories. Numerous BERGMANN inventions are the outcome of fostering a close working relationship between our experienced technicians, design engineers and our customers. Ideas and requests are taken up willingly and solutions developed.

40 years of experience.

We are aware that there are many imitators of BERGMANN machines. We take this as a compliment. We also know that virtually no copy is as perfect as the original by those who first invented it. Worldwide technological experience, built up over decades, a constant striving for perfection and efficiency and the will to find the best solution for each and every customer – these are the hallmarks of BERGMANN.

Thorough parts and material inspection, production testing and the consistent checking of the units for their ongoing efficiency ensure that BERGMANN machines offer a long service life and the utmost reliability. Needless to say, the machines are also certified by independent testing bodies.

Internationally recognised.

Our company has built up an international reputation with the efficient, customer-oriented machines it develops. Whether you are talking about Roll-Packers, Alpha-Pack-Bins, Mobile-Pack-Bins or Roto-Compactors, the name BERGMANN stands for maximum compaction and minimum maintenance both at home and abroad. And for quality, "Made in Germany" is the highest accolade.

You can rely on us.

An extensive service network with friendly, experienced technicians and 15 years spare parts availability constitute the basis for BERGMANN's professional after-sales service. Quickly at your side whenever you need assistance.



Machines for waste management. We have the right solution for you. Please contact us.

The hallmarks of all BERGMANN machines:

They are the absolute number one in terms of compaction and cost-efficiency. They support continuous loading. Are easy to empty. And extremely low in maintenance.



Roll-Packer



Alpha-Pack-Bin



Mobile-Pack-Bin



Roto-Compactor

Contact