

BERGMANN ROLL-PACKER MOBILE JUMBO RP 7700 M-E-I

**NEW: 100 %
ELECTRIC**



**EXTREMELY
EFFICIENT.
EXTREMELY
FLEXIBLE.
EXTREMELY
GREEN.**

BERGMANN-ONLINE.COM

BERGMANN
Machines
for Waste Management

THE ORIGINAL. LEADING THE WAY!

BERGMANN ROLL-PACKER MOBILE JUMBO RP 7700 M-E-I



NEW: 100 % ELECTRIC

The new fully electric MOBILE JUMBO RPM 7700 M-E I is equipped with its own electric wheel drive and can be moved independently within an area. The vehicle draws its energy from a maintenance-free, encapsulated battery. The electric MOBILE JUMBO breaks, tears and compacts the thrown-in material through a continuous roller movement with a roller weight of approx. 2 tons. The roller is driven by a special, low-maintenance combination of electric motor and gearbox.

› **EXTREMELY EFFICIENT.**

Achieves the highest compaction results for large, bulky amounts of rubbish and refuse. Reduces disposal trips by up to 60 %.

› **EXTREMELY FLEXIBLE.**

Serves any number of open containers up to 7 m in length. Moves containers up to 12 t to any location. Without truck!

› **EXTREMELY GREEN.**

CO₂-neutral when using green electricity. Virtually noiseless in use.

› **BERGMANN ROLL-PACKER MOBILE JUMBO RP 7700 M-E-I**

For compacting bulky, voluminous waste such as wooden crates, pallets, bulky waste, green waste, light scrap, cardboard and more.

100 % ELECTRIC DRIVEN.



01_ SMART.

The standard BERGMANN communication module enables access via the mobile network for remote diagnosis at any time.

02_ SECURE.

Safety glass and protective grid for the windscreen as well as a lockable door ensure the safety of the driver throughout the complete compaction time. The large, forward-sloping windscreen provides an ideal view of the compaction area in the container or of the optional container moving device.

LONG RANGE.

Equipped with its own e-wheel drive, the fully electric MOBILE JUMBO can be moved independently within an area. The capacity of the 26 kWh lithium-ion battery is sufficient for 6 to 9 h operating time (combined driving and compaction), depending on temperature, terrain and material. Extremely quiet. Extremely eco-friendly.

03 ROBUST.

The special tubular construction of the arms and the base frame is made of high-quality steel and is equipped with low-wear joints – tried and tested over decades in daily use in a wide variety of waste fractions. The construction absorbs the strongest torsional moments.

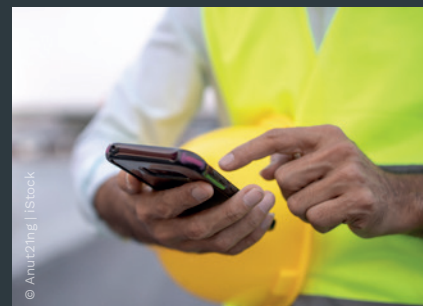
04 SIMPLE.

The operation of the machine is very convenient. The travelling length can be programmed quickly and easily for different container lengths using a multi-function joystick. The traction drive is equipped as standard with two electric wheel motors, which are also steplessly controlled via the joystick and an electronic controller.

05 FLEXIBLE.

Optionally, the machine can shunt containers up to 12 t with the help of the patented container moving device. Without truck! This increases the availability of the containers (e.g. at weekends) and truck costs are avoided.

01



02



03



04



05



BERGMANN

ROLL-PACKER

MOBILE JUMBO RP 7700 M-E-I

ON-SITE CONDITIONS

Container height	2,500–2,700 mm (optionally up to 3,100 mm possible)
Required height clearance	approx. 6,700 mm (optionally 6,400 mm or 6,900 mm)

VEHICLE

Width	approx. 2,400 mm
Length	approx. 4,900 mm
Outer turning circle	approx. 9,600 mm
Inner turning circle	approx. 2,700 mm
Center distance	approx. 2,500 mm
Own weight	approx. 9,000 kg
Speed	approx. 5 km/h

COMPACTION DRUM

Roller weight	approx. 2,000 kg (+ weight of drum cleaning)
Rolling speed Level 1	approx. 7 rpm
Rolling speed Level 2	approx. 11 rpm
Roller diameter	approx. 1,200 mm
Roller width	approx. 1,800 mm
Rolling path length	max. 6,600 mm, adjustable

DRIVE

Power drive	2 x 12 kW electric motor
Drum drive power	5 kW
Output of working hydraulics	5 kW
Gradeability	11 % or 6.5° (without container)

BATTERY

Battery capacity	80 V 315 AH 26.2 kWh/ IP 54 incl. battery heating and battery management system
Range	6 to 9 h operating time (combined driving and compaction, depending on ambient conditions)*
Battery charging time	approx. 10 h (0–100%), 230 V, 1 phase (optional 400 V, 3 phases)
Electrical connection	230 V/3 kW

*Customer data

EQUIPMENT

- BERGMANN communication module for remote diagnosis incl. SIM card (3 years), built-in diagnosis of hardware problems and monitoring of main drives and battery via CAN and display
- Built-in charger (rapid charger optionally available)
- Driver's cab raised 4,000 mm for a view of the compaction area
- Ergonomic access to the driver's cabin with handrail
- Windscreen, side windows and rear window made of single-pane safety glass, protection grid in front of the windscreen, side window on the right equipped as a sliding window, enlarged front window tilted forward for a good view of the container and a view of the optional container moving device
- The cabin is decoupled from the machine body by means of hydraulic dampers, ergonomic seat, steering column that can be adjusted in height and inclination, continuously programmable travelling length from the driver's cabin (length can be programmed easily and quickly for different containers), colour display with all important operating states and operating hours, rear lights, lockable doors and covers
- Interior lighting, sun visor, 2 LED headlights at the front on the upper part of the cab, front windscreen wipers with washer system, acoustic reversing signal, steering wheel knob, horn, diesel-powered cab heater 2 kW
- Narrow design for positioning of the system directly in front of the container
- Infinitely electronically variable drive via multi-function joystick
- Heavy-duty solid rubber tires with profile, integrated charging station 230 V/1 phase (optionally 400 V possible)
- Additional collision protection made of 15 mm steel plates for the front wheels
- Additional maintenance doors for all necessary maintenance work
- Wheelbase indicator

All information from the perspective "in the direction of travel".

Technical changes reserved.



**OUR STANDARD:
WASTE COMPACTION
WITH HIGHEST
EFFICIENCY.**

Heinz Bergmann



WE ARE BERGMANN.

› TECHNOLOGY LEADER

As a pioneer in waste management, we develop highly efficient machines for waste compaction. Always in focus: functionality, quality and safety.

› COST CUTTER

When rubbish and refuse not only become a problem, but also a cost factor, our machines are in demand.

› PROBLEM SOLVER

We are in intensive dialogue with our customers and find practical solutions for their current requirements.

› SERVICE PARTNER

We guarantee spare parts availability for 15 years and have a widespread service network of experienced technicians.

WE ARE BERGMANN. SINCE 1970.



Heinz Bergmann OHG

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