



Mobile Press Containers

Static Compactors



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Static Compactors
Transfer Stations
Roll Packers

Mobile Press Containers and Static Compactors



Mobile press containers and static compactors are an irreplaceable tool for reducing the volume of your municipal or industrial waste. The press unit allows for waste compaction to as low as 20% of its original size. The horizontal ram run by an electro-hydraulic aggregate can handle a wide range of waste types. Our sturdy construction, use of high-durability materials, and reliable hydraulics guarantee a maximum compaction ratio and long service life of the entire unit.

Our Advantages

- a wide range of standard compactors,
- short delivery dates, loan or rental options,
- internationally homologated units used in over 35 countries,
- Dekra certification and CE marking,
- over 1,100 units manufactured each year.



Mobile Press Containers



Our mobile press containers can be transported using hook or chain carriers. We offer a relatively wide range of mobile presses with regard to specific use, compactor location, or even the type of collection machinery. The following table lists the basic types of units. Press containers can be equipped with various accessories such as tipping devices, a special elevated hopper, various types of lids, dividing walls for compacting two types of waste in one container, an integrated ozonator, air conditioning for organic waste, among others.

Containers with a compaction chamber length of 1000 mm are the most popular, covering over 80% of the market. Models with longer compaction chambers and larger collection openings are suitable for larger waste dimensions. We offer specialised types for wet and organic waste. The compacting system of these, with their diagonal ram, is self-cleaning.



Standard roof

waste	lifting device	code	volume [m³]	chamber length [mm]	cycle time [s]	cycle capacity [m³]	loading edge height [mm]	compacting chamber top/bottom [mm]
dry	hook (standard)	R-SHA	6 - 14	short 910	33	1,30	1450	1460x1550 / 910x1550
		N-SHA	16 - 24	short 1000	47	1,36	1450	1700x1750 / 1000x1750
		L-SHA	16 - 24	long 1500	60	1,71	1510	2200x1770 / 1500x1770
		LW-SHA (wood)	16 - 24	long 1400	60	1,60	1510	2200x1770 / 1400x1770
		XL-SHA	16 - 22	extra long 2050	70	2,46	1570	2750x1890 / 2050x1890
	hook (city) + chain	ZR 5 PL	5	short 790	39	0,87	1300	1450x1560 / 790x1560
	ZR-SHA	6 - 14	short 950	33	1,10	1510	1450x1550 / 950x1550	
	chain	Z-SHA	6 - 14	short 950	33	1,10	1510	1450x1550 / 950x1550
wet	hook (standard)	SW-SHA	16 - 24	short 1060	34	0,49	1575	1450x1315 / 1060x1315
	hook (city)	SWZR-SHA	6 - 14		34	0,49	1575	1450x1315 / 1060x1315
	chain	SWZ-SHA	6 - 14		34	0,49	1575	1450x1315 / 1060x1315

Moving roof

waste	lifting device	code	volume [m³]	chamber length [mm]	cycle time [s]	cycle capacity [m³]	loading edge height [mm]	compacting chamber top/bottom [mm]
dry	hook (standard)	N-MR	16 - 24	short 1000	47	1,36	1450	1700x1750 / 1000x1750
		L-MR	16 - 24	long 1500	60	1,71	1510	2200x1770 / 1500x1770
		XL-MR	16 - 22	extra long 2050	70	2,46	1510	2750x1890 / 2050x1890



Mobile Press Containers



Common Specifications

- ram power = 340 kN / max. 380 kN @ 5,5 kW 400 V/50 Hz,
- phase converter,
- quiet-running pump,
- oil level and temperature sensor,
- capacity indicator light: 75% and 100%,
- hourly capacity: 114–145 m³,
- loading edge 1450–1575 mm,
- single/divided lid with gas springs,
- compaction chamber floor and walls made of 8 mm high-strength steel,
- container floor, walls, and roof made of 4 mm high-strength steel,
- compaction plate guide made of self-lubricating polyamide,
- three inspection doors of cylinder space (not available for wet waste version),
- rear door: extra sturdy HD version / with side hinges (top hinges for wet waste versions),
- spot blasted in accordance with Sa 2.5, 60 µm zinc oxide primer, 60 µm paint in RAL.



Options

- double lid with gas springs,
- single/divided lid with electro-pneumatic props,
- hoppers up to 1 m high,
- combined hopper with a height of up to 1 m — made up of two sturdy side walls and safety bars + supplementary start/emergency stop panel,
- control panel safety lid, incl. hanging lock,
- 2.5 m long guide rails with stoppers,
- guide rails, incl. 6 mm base plate,
- rear door and inspection door, incl. rubber seal along the perimeter,
- integrated 1100/770 litre container tipping device,
- integrated 1100/770/240 litre container tipping device,
- mobile 1100/770 litre container tipping device, incl. 1.5 kW motor, switch cabinet and hydraulic components, suitable for a standard loading edges of approx. 1700 mm,
- HARDOX H 8/400 compaction chamber floor,
- separate control panel with a “Harting” interface and a 3-metre cable,
- choice of rear end position,
- polyamide rollers,
- 2” galvanized drain valve.



Hook System Specifications

- hook system in accordance with DIN 30722-1 and other European norms,
- typical container volume from 16 to 24 m³,
- supplementary front rollers,
- rear handling hook.



Chain System Specifications

- chain system in accordance with DIN 30720 and other European norms,
- container volume from 6 to 14 m³.



Static Compactors



Static compactors are suitable for areas with regular generation of greater volumes of compacted waste. Static compactors are attached to replaceable containers that can be easily detached once full, and can be exchanged for an empty one. Another advantage against mobile press containers is the higher capacity of the containers (typically 30–34 m³).

Our compactor units can also be equipped with a broad range of accessories, incl. container tipping devices, a wide variety of hopper types, hydraulic replaceable containers connections, etc. Replaceable containers with a moving roof make emptying significantly easier and quicker. Standard equipment also includes guide rails that guide replacement containers to the static unit with precision.



width [mm]	code	motor [kW]	cycle time [s]	cycle capacity [m ³]	loading edge height [mm]	compacting chamber top/bottom [mm]	metal sheet	attaching container
1770	KPHS 1900-S	5.5	67	1.7	1730	2200x1770 / 1475x1770	8 mm	26 - 34 m ³ PC-S (standard) PC-MR (with moving roof)
	KPHS 1900-2S	7.5	58	1.7	1730	2200x1770 / 1475x1770		
	KPHS 1900-2T	9.5	46	1.7	1730	2200x1770 / 1475x1770		
1870	KPHS XL-TD	7.5	43	2.26	1740	2700x1870 / 1900x1870	HARDOX 450	
	KPHS XL-2T	9.5	60	2.26	1740	2700x1870 / 1900x1870		
	KPHS XL-H-3TD	11.0	32	2.26	1740	2700x1870 / 1900x1870		
	KPHS XXL-3TV	11.0	38	2.26	1740	2700x1870 / 1900x1870		

Specifications

- hook system in accordance with DIN 30722-1 and other European norms,
- attaching container volume from 16 to 34 m³,
- ram power = 340 kN / max. 380 kN @ 5.5–11 kW 400 V/50 Hz,
- phase converter,
- quiet-running pump,
- oil level and temperature sensor,
- capacity indicator light: 75% and 100%,
- hourly capacity: up to 181 m³,
- compaction chamber floor and walls made of 8 mm high-strength steel,
- container floor, walls, and roof made of 4 mm high-strength steel,
- compaction plate guide made of self-lubricating polyamide,
- three inspection doors for cylinder space,
- rear door—extra sturdy HD version / with side hinges,
- spot blasted in accordance with Sa 2.5, 60 µm zinc oxide primer, 60 µm paint in RAL,
- supplementary front rollers, rear handling hook.

Options

- double lid with gas springs,
- single collection slot lid with electro-hydraulic props,
- hoppers up to 1 m high,
- combined hopper with a height of up to 1 m—made up of two sturdy walls and safety bars + supplementary start/ emergency stop panel,
- control panel safety lid, incl. hanging lock,
- approx. 2.5 m long guide rails with stoppers,
- guide rails, incl. 6 mm base plate,
- rear door and inspection door, incl. rubber seal along the perimeter,
- integrated 1100/770 litre container tipping device,
- integrated 1100/770/240 litre container tipping device,
- 1100/770 litre mobile container tipping device, incl. 1.5 kW motor, switch cabinet and hydraulic components, suitable for a standard loading edge of approx. 1700 mm,
- HARDOX H 8/400 compaction chamber floor,
- separate control panel with a “Harting” interface and a 3-metre cable,
- choice of rear end position,
- polyamide rollers,
- 2” galvanized drain valve.



Transfer Stations



Transfer stations serve to reduce waste transport costs by decreasing their volume through compaction. They are comprised of a hopper, compactor unit, attaching containers, and a transfer system. After compaction, the waste is transported to an incineration plant, recycling plant, or landfill.

The transfer station is designed and constructed so that it complies with all norms, and ensures the highest level of operating safety.

Safety elements include barriers, light barriers, and optical/acoustic warnings, among others. The station is operated using the panel in the control booth. Another panel is located at the compactor unit and is used for operations and maintenance.

For customers who do not have the option of filling a hopper from a ramp, we offer a large “spoon” as supplementary equipment to the compactor unit—the “spoon” remains at ground level until it is filled, after which it lifts and tips hydraulically, emptying the waste into the hopper.



Roll Packers



A roll packer serves to compact and reduce the volume of material in an open high-volume container. Crushing and compaction is carried out in layers through the movement of a specially-constructed heavy and durable packing roller. Designed for high-volume containers up to 6.6 m long and 2.5 m wide. The container can be continually filled with additional waste.

Uses

- large-volume waste,
- large-volume cartonboard,
- wood cuttings,
- EURO-pallets,
- old furniture,
- cans and metal packagings,
- paper.

Technical Parameters

Roller weight	1550 kg
Roller width	1700 mm
Roller diameter	1150 mm
Track length	6500 mm, adjustable for shorter containers
Working clearance height	6600 mm
Required space	1850 mm + container length
Exterior height of container	max. 3100 mm
Space between rails	2560 mm
Rail length	4100 mm
Pocket distance	900 mm
Total weight	3200 kg
Power supply	400 V / 50 Hz 5.5 kW
Safety	32 A, CEE outlet





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