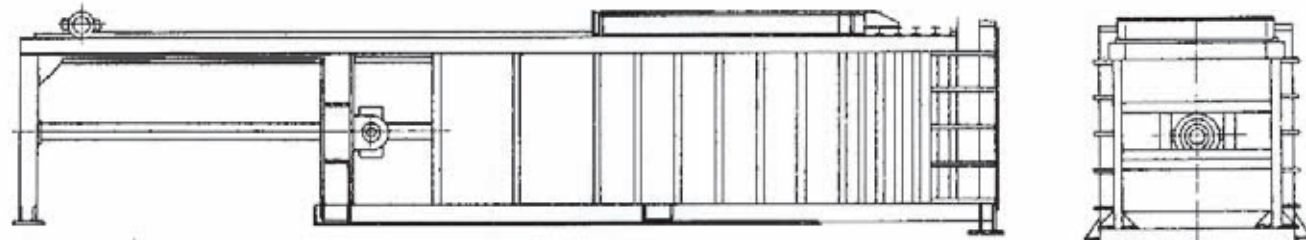
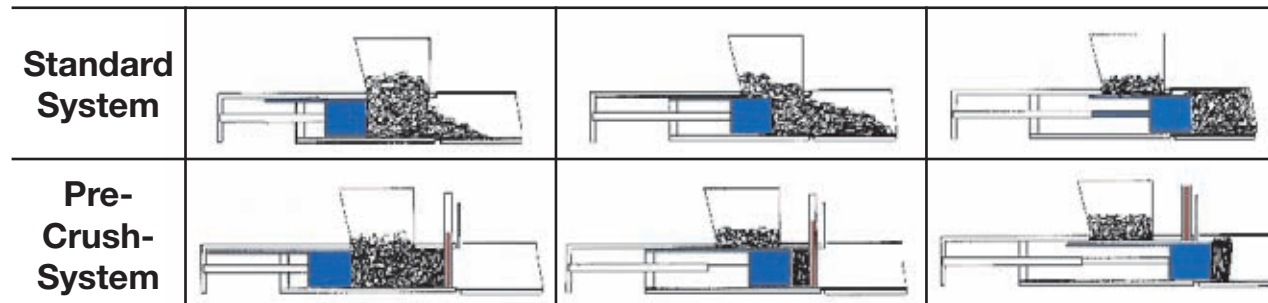


Product Specification

Transfer Stations • Model MP



Working Principles



Technical Specification

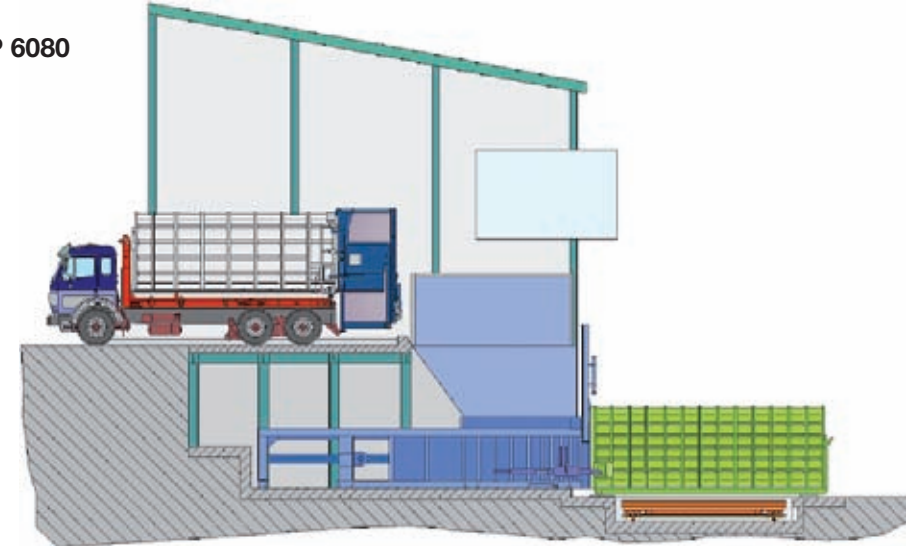
	MP 4050	MP 6000	MP 6080	MP 10080	MP 15080	MP 9080 VKTS
Length (mm)	7.630	9.340	9.340	9.340	15.700	11.930
Width (mm) without coupling	2.640	2.640	2.640	2.640	2.640	2.640
Height (mm) without door closing device	2.045	2.045	2.045	2.445	2.045	2.645
Power (kW)	22	2 x 18,5	2 x 30	2 x 45	3 x 30	2 x 45
Filling opening (mm x mm)	1800 x 2200	1800 x 3000	1800 x 3000	1800 x 3000	1800 x 6000	1800 x 2500
Ram stroke (mm)	3.500	4.500	4.500	4.500	7.500	6.700
Ram face (mm x mm)	1000 x 2000	1200 x 2000	1200 x 2000	1600 x 2000	1200 x 2000	1800 x 2000
Compaction force (kN)	500	700	800	800	800	800
Volume per stroke (m³)	4,4	7,2	7,2	9,6	14,4	9,0
Volume per hour, practical without container shifting times	390	360	498	811	1.035	396
Weight (tons), approx.	15	28	30	32	38	35

Due to continual Research & Development specifications may vary at any time. 07/2008. The machines shown are equipped with accessories not included in the basis price.

Transfer compactor MP 6080

Low lift shifting device

Container PM 30



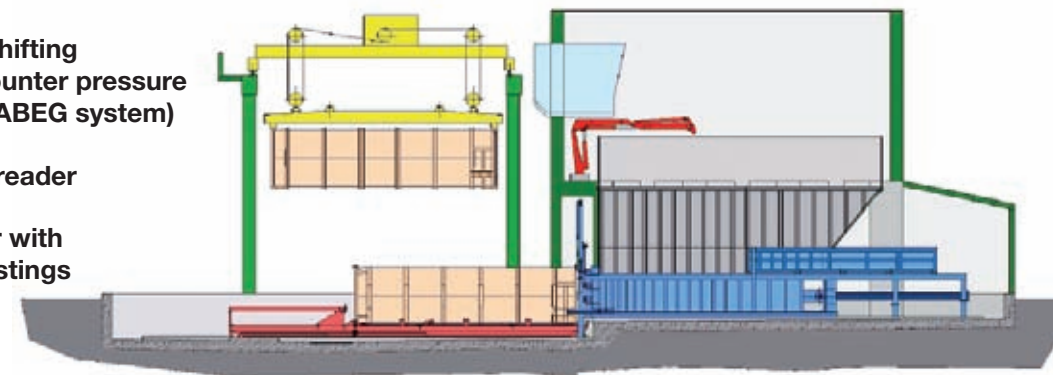
Transfer compactor MP 15080
with top feeding ram RS 3500
for 3 dumping places

Grab for unsuitable material

Longitudinal shifting
device with counter pressure
equipment (MABEG system)

Crane with spreader

30 ft container with
ISO corner castings

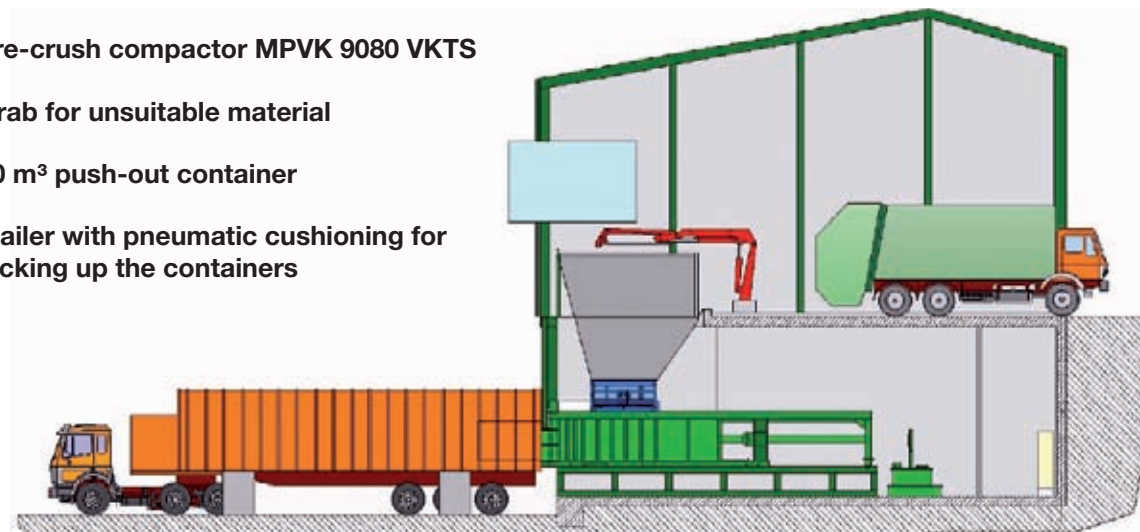


Pre-crush compactor MPVK 9080 VKTS

Grab for unsuitable material

50 m³ push-out container

Trailer with pneumatic cushioning for
picking up the containers

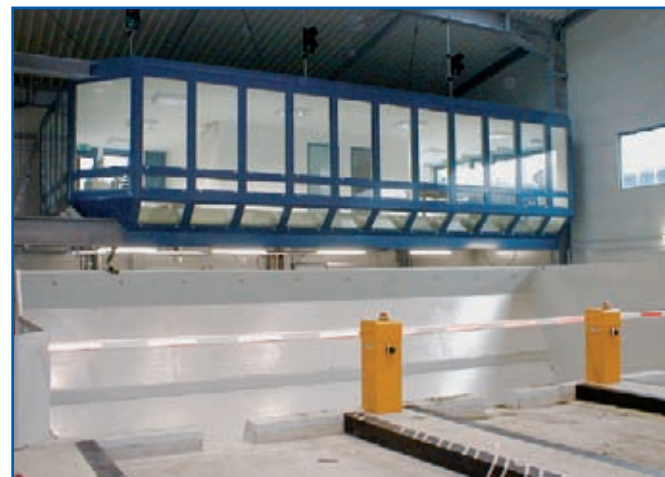


Transfer Stations

Due to the waste disposal law and the implementing regulations, more and more small landfill sites are being closed with the result that waste has to be transported for long distances from where it originates to central landfill sites, incinerators and to composting and recycling plants.
Due to the relatively low payload of the waste collecting vehicles as well as high labour expenditures, direct transport usually involves unacceptably high costs.



Waste transfer station



Control room transfer station



Twin-pump power pack

Therefore, it has proved expedient to built transfer stations where waste from a certain area can be compacted and transferred to economic transport systems.

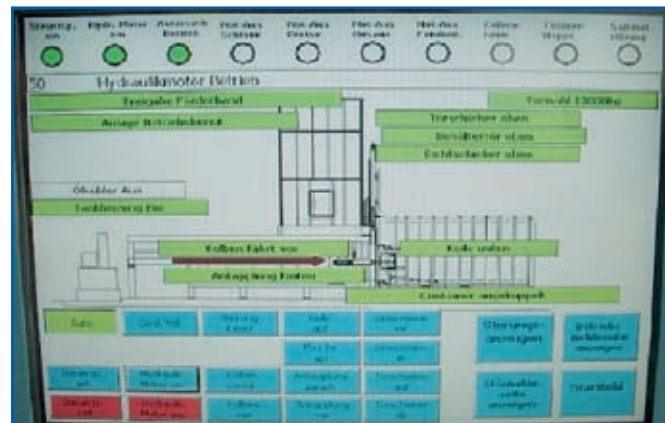
General waste is usually transported by waste collecting vehicles. Industrial waste is increasingly delivered in open skips and rolonof containers as well as portable compactors. Feeding is carried out by tipping the waste directly into the hopper (also possibly



MP 6000 with 2 lateral pushers and 3 parallel dumping places



Transfer hopper for 3 parallel dumping places



Touch-panel display

by means of conveyor belts). To prevent waiting time should several vehicles arrive at the same time and also to guarantee an even load of the compactor, waste can be buffered in bunkers. From there the waste will get into the compactor by employing i.e. grabs, conveyor belts, wheel loaders or waste rams. There are two compaction systems available: the standard system and the pre-crush system (see sketch of the working principles on the reverse side). Referring to the pre-crush system, the waste is first compacted to bales and then pushed into the container. Contrary to this system, waste compaction with the standard system is taking place inside the container. These containers range in their capacity from 20 to 60 m³. The net weight can be ascertained with the aid of a weighing system before, during or after compaction. Replacing the container



Counter pressure equipment (MABEG system)



MP 6000 with traversing lifting trolley and weighing system



2 x MP 6000 in parallel operation with roller conveyor as container replacing device



Transfer compactor



4 x MP 6000 in parallel operation with text indicator panels



MP 6000 with 43m³ volume container



Loading of ACTS containers onto railway waggons



Push-out trailer 60m³, payload approx. 20 tons

can be carried out through transport vehicle, shifting device, low lift shifting device or crane with spreader. The waste will then be transported by rolonof type vehicles with or without trailer, semi trailers, by rail or by ship.

The collecting vehicles remain waste vehicles and do not have to be misused as long distance lorries. Thus a cost-saving transport of the waste to central places



Semi trailer 50 m³



Long distance vehicle with 60 m³ container



Transfer compactor

can be ensured. The road traffic will be relieved and the amount of vehicles on the landfill site resp. in the central processing plant reduced. Furthermore, the transfer station is not harmful to the environment. There is almost no odour and no noise. It also harmonises with the individual landscape.

Construction of transfer stations

- ▶ Reducing vehicle and labour costs
- ▶ Improving economy

A contribution to environment protection



Transport by rail