Container

By installing inlet/outlet connections on larger containers (4-8 m³) an efficient inertial separator is built. Separation and containment of extracted waste directly in a closed container is a desirable handling method for a variety of reasons. Among these is that the system remains closed and that the handling of the waste can be done both rationally and economically.

These containers can also be used as discharge arrangements for cyclones — direct connection from the separator mounted over the container.

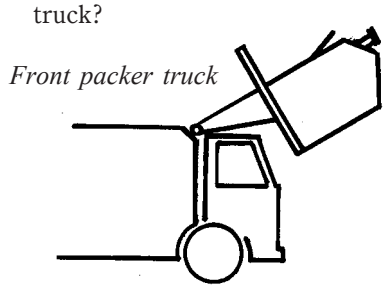
A vacuum waste container is an integral part of the extraction system and must be designed for the negative pressure.

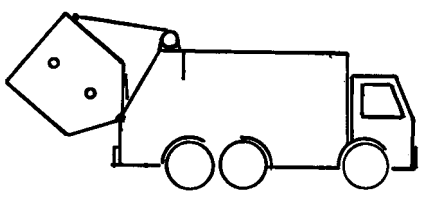
Different regions and waste handlers will have different handling systems, the illustrations above show several different prevalent variations.

The exact type and dimensions of that type are often determined in cooperation with the contracted waste handler. The following factors will have a bearing on the selection of container type:

1) Tipping cost.
2) Tipping in a packer truck or removal.
3) Distance to tipping site.
4) Density and weight of the separated material.
5) Permits required for dumping of collected material (degree of hazard classification).
6) Time for removal of container and the need for two containers.
7) Physical placement of the container, is it accessible for the handling truck?

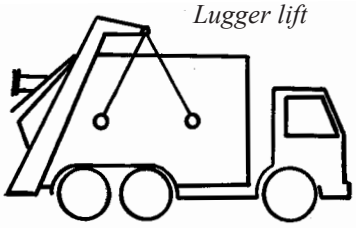
Front packer truck



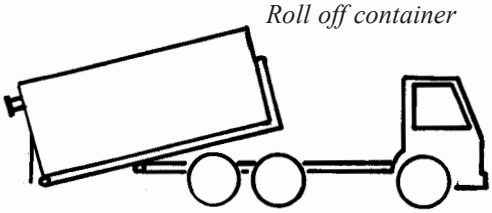


Rear packer truck

Lugger lift



Roll off container



Checklist for a request for quotation from Dustcontrol:

Container type:

❑ Front end packer
❑ Rear packer
❑ Lugger bucket
❑ Roll off container
❑ Others _____

Volumetric capacity:

Contents:_____ m² (total volume).
Consider that the capacity of the container is only 60-70 % of the total volume.
Special considerations:

max height_____ max width_____ max length_____

Vacuum connections (in-/outlet)
Normally the containers are equipped with connections that accommodate hose f76, f102 or f152 (connection X160). Hose and quick couplings are not included with the container and must be selected and ordered separately (see page 53).

❑ standard - 1 inlet, 1 outlet ❑ multiple inlets, number: _____

dimension _____

❑ direct connection from preseparator

Finish
Normally the containers are finished with two coats of primer and a blue top coat. The containers are not crated for delivery.

Interior ❑ standard finish ❑ special finish; type _____

Exterior ❑ standard finish ❑ special finish; type _____

Accessories

❑ Vertical connection from intermediate part 741401 (from preseparator).
❑ Hook type and rail width for roll off container.
❑ Casters (to correctly select caster type, the weight of the collected material must be given).

_____kg/ m³ material _____

❑ Guide rails (see TM 80). _____
❑ Manual loading port (f 350).
❑ Level sensor, type and texture of collected material;
❑ Control contact container present