



Meulenbroek
*Perscontainers
Compactors*



**UNDERGROUND WASTE COMPACTOR
MODEL MUP550(VP)**

www.meulenbroek.nl

Underground Compactor Model MUP550(VP)

The MUP (Meulenbroek Underground Compactor) is specially designed for the underground compaction of a variety of waste types. The special integrated pre-compaction construction ensures that waste is compressed at an extreme high compaction ratio. Compaction takes place against a pre-compaction plate, the crushed material will then be pressed into the 5 m³ container. This innovative type of compaction makes it possible to collect, light bulky materials in a cost-efficient way. The machine is particularly suited for waste with a high humidity as it is fully operational even without a pre-compaction unit in place. The underground waste compactor consists of the following parts:



Steel pit with a hydraulic opening lid



5m³ container with a (pre-)compactor



Hopper

Benefit:

1. **Extremely** high compaction rates will be achieved (depending on the type of waste):

Material	Compaction	Unpressed**
Plastic packaging material	20 : 1	100 m ³
General waste*	10 : 1	50 m ³
Tin cans	7 : 1	35 m ³
Paper/Cardboard	6 : 1	30 m ³

*With a normal humidity

**Depending on the composition

2. Constructed as Vandal Proof, so unwanted items (such as bricks, iron etc.) cannot damage the machine;
3. The pit and container are provided with a two-component paint in RAL 7016. The lid of the pit is provided with a non-slip coating and can be opened and closed hydraulically;
4. Optimal dimensions (particularly the minimal depth) mean the pit can easily be placed on every street corner;
5. Depending on the groundwater level, the pit can be weighted to prevent floating;
6. The container has a capacity of 5 m³ and is, thanks to our special seal, liquid tight;
7. The container is transportable by a skiploader truck and can easily be lift out of the pit. The centralised system also makes it easy to place the container back into the pit;

8. For filling the underground waste compactor several hoppers can be mounted. We can provide hoppers with a lid, drum or a tilting device that are compatible with 140 & 240 ltr wheelie bins;



9. The installation is provided with a 'Near Full' indication system;

Technical data MUP550(VP)

Model MUP550(VP)		Press 550(VP)	Container C5	Pit P5
Length	mm	-	4.080	4.801
Width	mm	-	1.796	2.326
Height	mm	-	1.331	1.394
Length ahead of press block	mm	550	-	-
Width press block	mm	650	-	-
Height press block	mm	250	-	-
Cycle time	sec	43 (48)	-	-
Pressforce	kN	95	-	-
Motorpower	KW	3	-	-
Power connection	V/A	400/16	-	-

