

Quadromat

The giant of waste management



With the **Quadromat** system a standard compactor with up to 20m³ collecting volume is installed underground. Thanks to the compression rate and the capacity of the container the disposal interval and therefore the number of waste disposal journeys can be reduced significantly. The **Quadromat** is particularly suitable for bigger residential development areas or at central waste collection points.



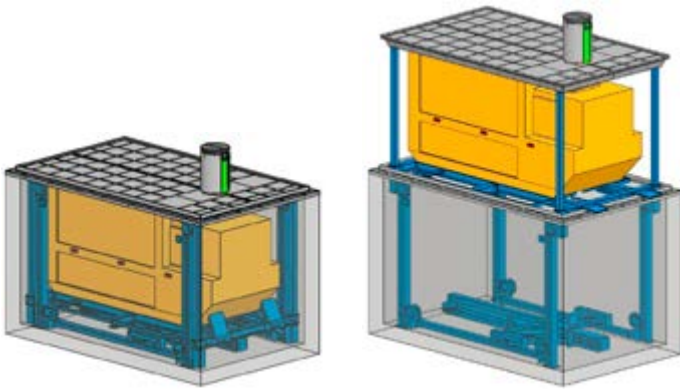
The user opens the insertion column with a personal identification card. A weight system weights the waste bag and allows a source-related cost allocation.

Two in One System: Additionally, two roll containers to collect organic waste separately, can be placed in the lift system construction.

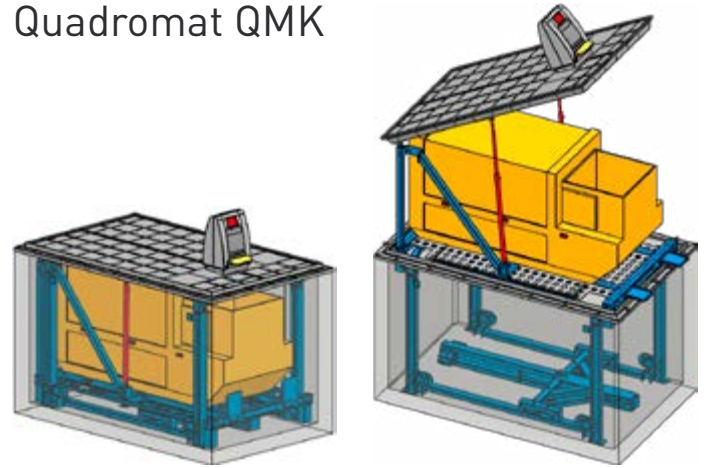
The user dispose the organics into the intended insertion columns.



Quadromat QM

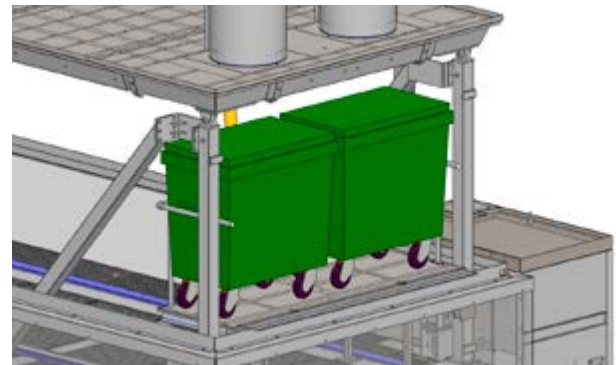
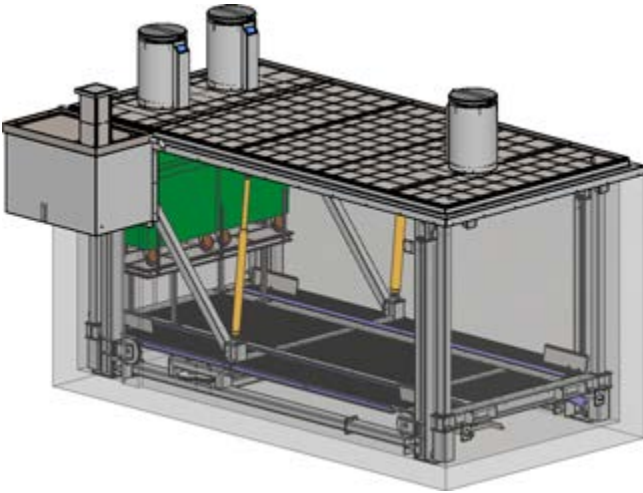


Quadromat QMK



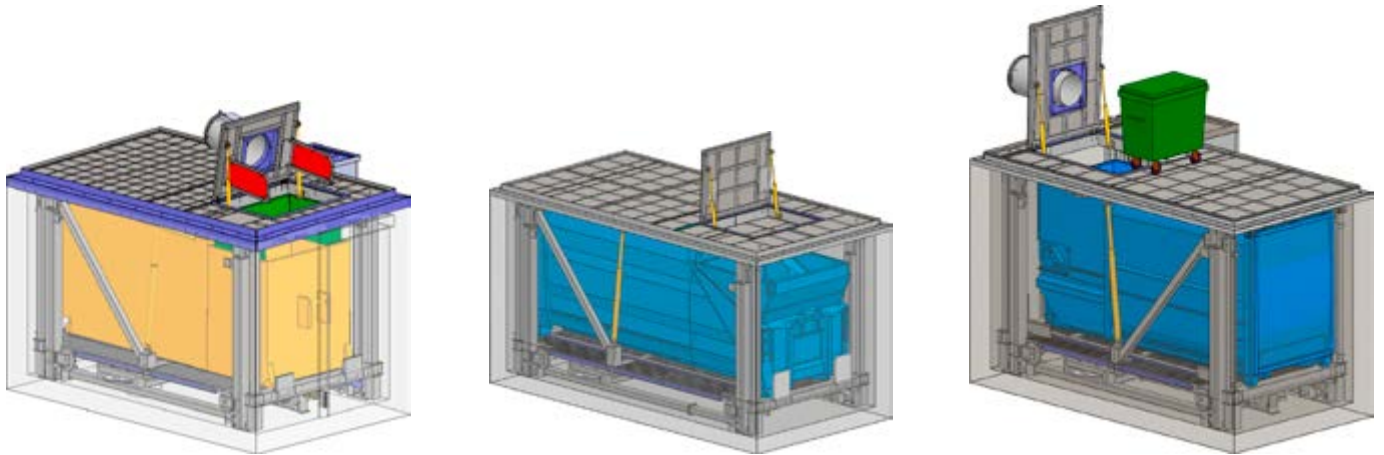
System Expansion Compactor with biodegradable waste

The underground lift system QM resp. QMK 650-31 can be equipped with a compactor and an additional pedestal to place two roll containers for the separate collection of organic waste. To empty the roll containers, the lift stops in the intermediate position, so that both roll containers can be easily removed by the entry ramp.



Discharge Cover with container tilting device

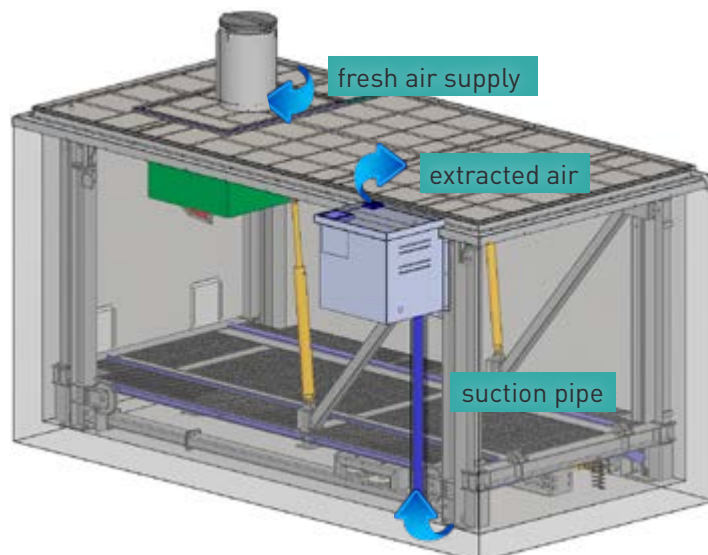
The container tilting device is designed for the use with steel container as well as with plastic container. These containers will be equipped with a special adapter plate so that the container is securely fixed on the container tilting device. Additionally, a weighing system can be integrated, allowing to weight the garbage and charges a tax to the user. This solution makes a source-related cost allocation.



Venting system

With a venting system in the Quadromat discharge room a small depression is generated and de-aerated. The venting system diminishes odour considerably and lowers the humidity in the discharge room at the same time.

The air is sucked in at the bottom of the discharge room and extracted through the cabinet.



Quadromat | Switzerland





Quadromat | Switzerland



To balance the Quadromat System to its surrounding, our platforms may be provided with almost every type of floor coating, no matter if asphalt or cobblestone. Furthermore we are able to adjust the platform to steep areas.

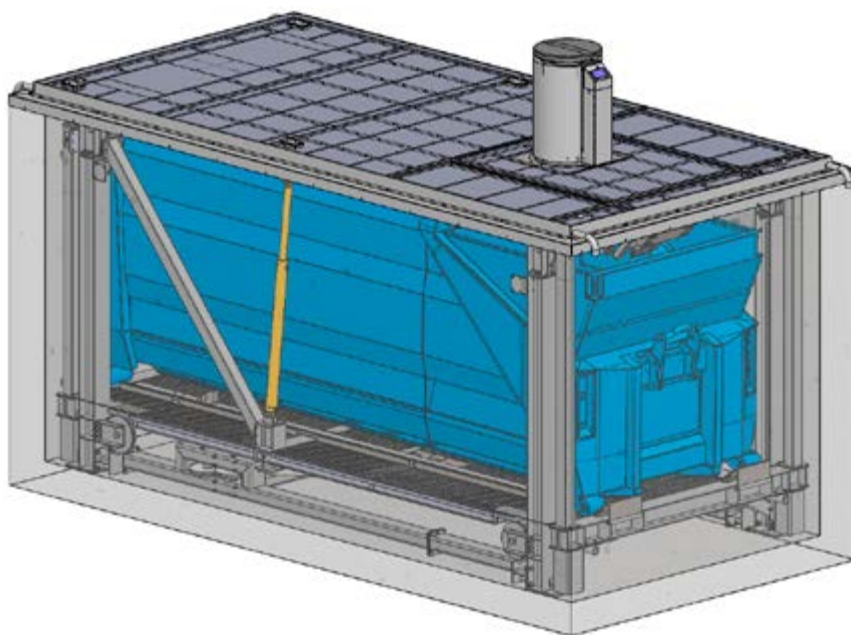


The underground quadromat lift system will be booted up and the platform raised up further in an angle for an easy access to the container. This way the skip can be taken out without risking any damage to the disposal system.





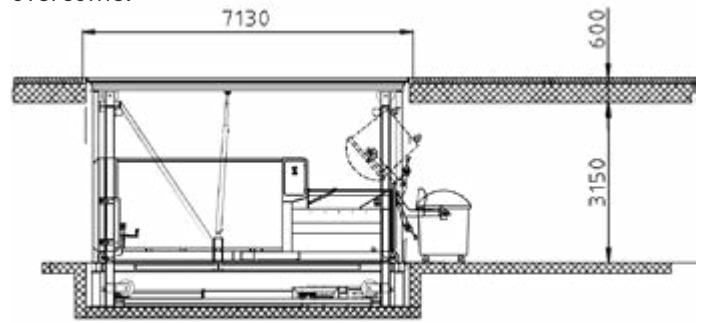
Gare SBB Bellinzona



Quadromat | Abu Dhabi



The user is loading the compactor container underground solely. With the container tilting device roll containers are emptied. As the basement floor level was given by the building construction, additional lifting height must be overcome.





Quadromat | Norway





Quadromat | Switzerland



Mounting

Our motivated and highly qualified team install your disposal station within a very short time and with great precision. Our modern vehicle fleet enables our team to place the preassembled systems directly on site. Our own crane vehicle makes it possible to carry out removal work even within confined spaces.





Safety devices referred to Type Examination Test



Accreditation SCESp 0046
Notified Body 1247

Certifying Body
SIBE Schweiz



Accredited Certification Authority SIBE Schweiz in accordance with ISO/IEC 17065:2012
Designated European Conformity Assessment Body (Notified Body), EC-Identification No.: 1247

Type-Examination Certificate

No. 1313 / 1

Product	Waste Compactor Presscontainer
Brand	Quadromat lift system
Type	Model: QM / QM-E / QM-EK / QMK / QMK-E / QMK-K Installation Size: 530-26 / 530-31 / 650-31
Safety specifications	EN ISO 13849-1:2015 Safe movement of the lift, platform and cover construction in connection with the lowerable underground presscontainer as well as safe execution of the mine ventilation as defined for explosion prevention referred to Kat. 3 / PL d
Manufacturer's address	Villiger Entsorgungssysteme AG Bahnhofstrasse 13 CH-5647 Oberrüti
Applicant's address	Villiger Entsorgungssysteme AG Bahnhofstrasse 13 CH-5647 Oberrüti
Valid until	31 July 2021

The examined type complies with the relevant provisions of the Directive 2006/42/EC of 17 May 2006 on machinery.
The validity of this certificate is based as well on all attachments named herein and the general provisions outlined on the reverse side.

Date of issue
05 July 2016

Certification Body
NSBIV AG
Certification Body SIBE Schweiz
Brünigstrasse 18
CH-6005 Lucerne

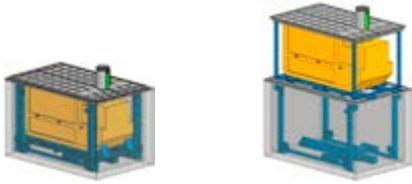
Safety Engineer

T. Amrein

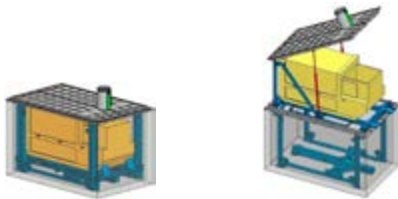
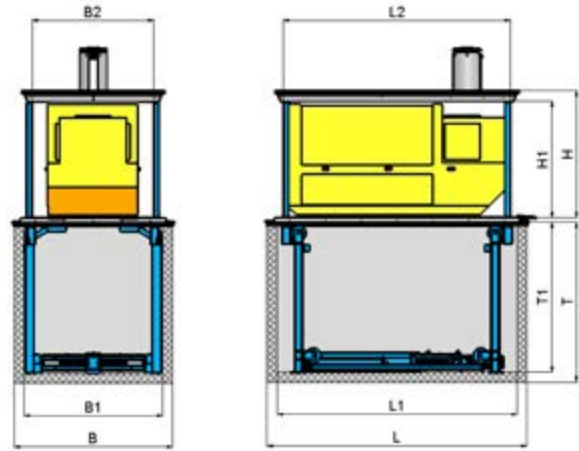
Head of Certification Body

P. Keller

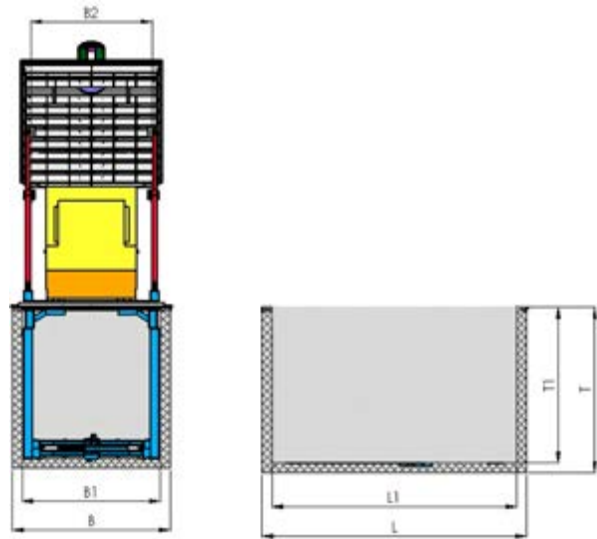
Type denomination and design specification



QM	530-26	530-31	650-31	650-31 XL
L	5800	5800	7000	7000
L 1	5360	5360	6560	6560
L 2	5070	5070	6270	6270
T	3680	3680	3680	3820
T 1	3460	3460	3460	3600
H	2880	2880	2880	3020
H 1	2600	2600	2600	2740
B	3040	3540	3540	3540
B 1	2600	3100	3100	3100
B 2	2220	2720	2720	2720

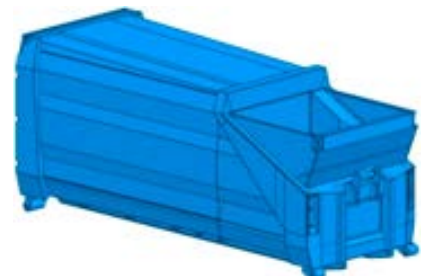


QMK	530-26	530-31	650-31	650-31 XL
L	5800	5800	7000	7000
L 1	5360	5360	6560	6560
T	3680	3680	3680	3820
T 1	3460	3460	3460	3600
H	5170	5170	5170	5310
H 1	2600	2600	2600	2740
H 2	2570	2570	2570	2570
B	3040	3540	3540	3540
B 1	2600	3100	3100	3100
B 2	2220	2720	2720	2720

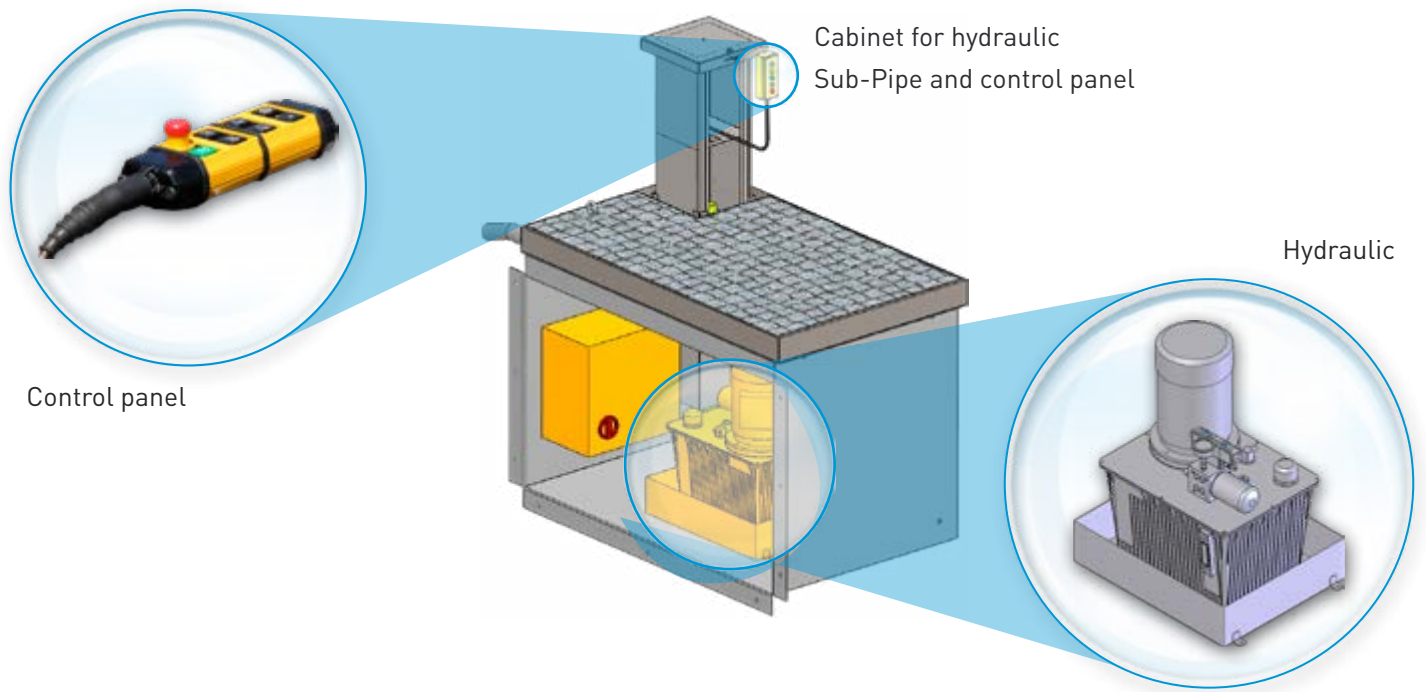


Compactor QM and QMK

Container	530-26	530-31	650-31	650-31 XL
Length max.	5300	5300	6500	6500
Width max.	2100	2500	2500	2500
Height max.	2550	2550	2550	2720
Volume ca.	10-12 m ³	14-16 m ³	16-20 m ³	20 m ³
Skip container	Yes	Yes	Yes	Yes
Roller container	Yes	Yes	Yes	Yes



Hydraulic and handling





Villiger North America Distributors:

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