

villiger

Innovation
MADE BY VILLIGER



English







For decades, the name Villiger has been synonymous with sophisticated and practical, high-quality solutions in the waste management industry. Entrepreneurship, a pioneering spirit and the joy of innovation characterise the present and future of the Villiger Group.

Villiger is one of the leading companies in waste management systems, spanning development to production and service. At its Swiss headquarters in Oberrüti, the company employs over 100 motivated professionals, plus over 140 employees at our partner company.

Furthermore, we place great emphasis on the professional development of numerous trainees every year. Each of them is an integral part of our company – for us, this is an important investment in the next generation.

Villiger is the only industry player that offers you all around solutions from a single source. The product range extends from conventional underground, semiunderground and aboveground containers and lift systems to the fully automated Speed-Waste-Lifter, which comprises a pickup device and mobile cleaning systems. Competent consulting, prompt service, expert repairing and a large spare parts warehouse complete the offering.

Our passion for modern waste management systems means embracing continuous advancement and always challenging the status quo. We place a very high value on research and development and are always looking for new, more efficient solutions in-line with our customers' needs to save disposal costs and reduce CO₂ emissions.





**Premium
features
speak for
themselves.**

Premium features: as standard **Always a step ahead**

Villiger undoubtedly revolutionised underground container construction years ago. It was also the first company to refresh the market with newly designed throw-in columns and a modular container system. Right from the start we designed it on the basis of the ideal dimensions, which have since become standard for our competitors as well.

Underground systems

Proven modular system.

A step ahead for a quarter of a century

It was more than 25 years ago that Villiger installed the first underground containers in the Netherlands and France. In doing so Villiger was performing a pioneering service as a manufacturer of new systems. These futuristic products won hearts and minds from the start, leading to major new developments throughout the period.

Innovation from the start

The underground system has since become indelibly associated with the Villiger name and taken on international size and significance. The product range has been improved down to the last detail through the years, so that Villiger's full product range now makes it THE key partner for all requirements when it comes to waste management.

The modular system for individual solutions

Underground systems enable collection points to almost disappear and ensure a well-kept cityscape. Our systems score through their user-friendliness, large collection volumes and optimal management efficiency. All underground containers can be adapted to meet specific requirements: with level sensor, electronic weighing system or access controls. Just as you wish!

Clean and safe waste disposal

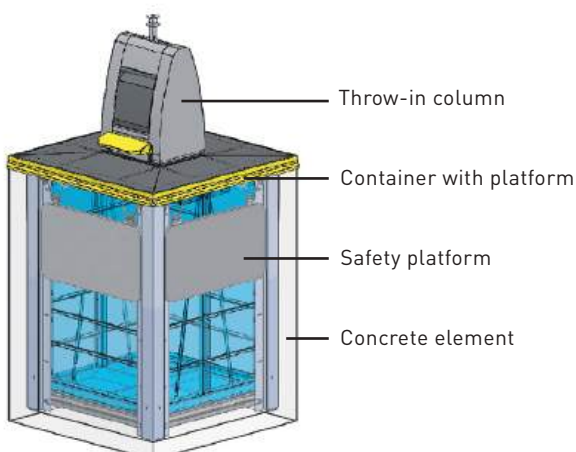
Due to the modular design, various types of waste, throw-in columns, platform coverings and emptying systems can be combined.



Glass collection point



Sub-Vil Lugano with electronic access control and level monitoring.



Sub-Vil Baléro with cobblestone pavement



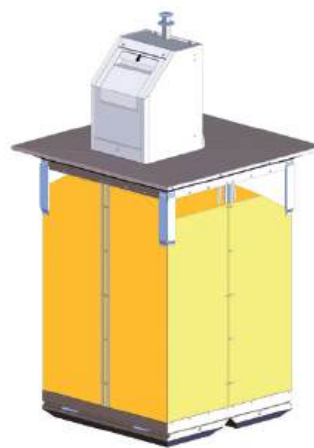
Maximum convenience with "HANDS-FREE"

You do not touch any access flap with your hand. The access flap is opened using a foot pedal and has an automatic soft-close mechanism.



Sub-Vil Bellagio with 3-hook system

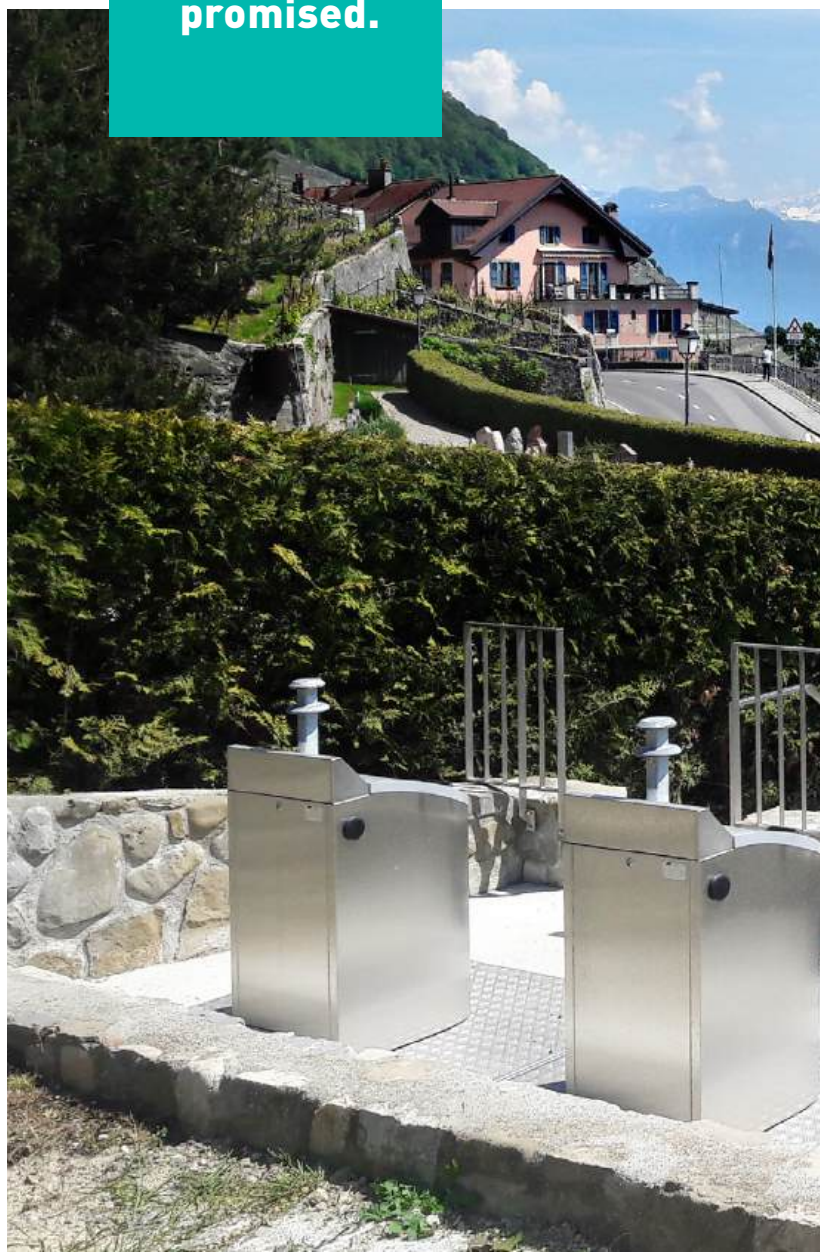
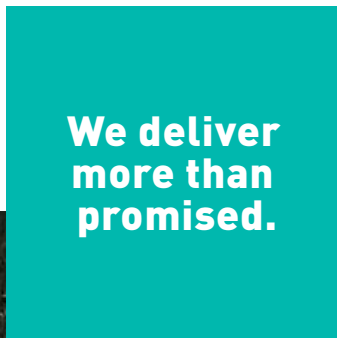
Sub-Vil Vilaro with electronic access control at the Unesco world heritage site.



Maximum useable volume

We deliver more than promised

Villiger offers maximum usable volume and states it transparently. To note, for example, many other industry containers may name a volume of 5 m³ but the actual, usable space is less than this.



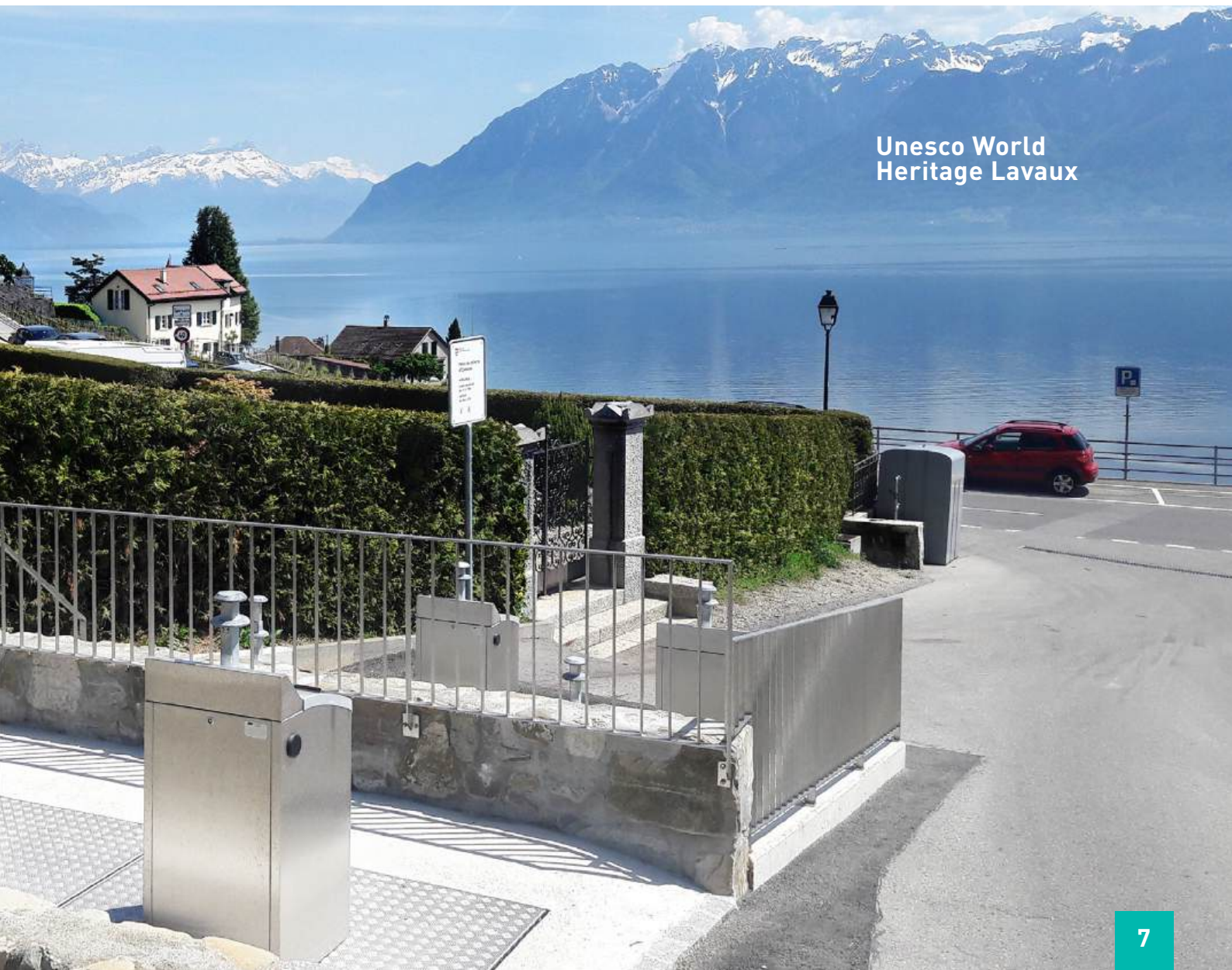


Sub-Vil Terrano

Underfloor: Countless arguments

How waste disposal is organised is now of central importance for city centres, residential complexes and local communities. That is why such underground waste management systems are particularly in demand for apartment blocks, parks and city centres. They are attractive, save space, offer barrier-free access and ensure a clean, cared-for living environment and cityscape.

Since land is becoming ever more expensive, particularly in conurbations, and it would be a pity to take up valuable space with rubbish bins, more and more operators are opting for an underground waste collection solution.



Unesco World Heritage Lavaux

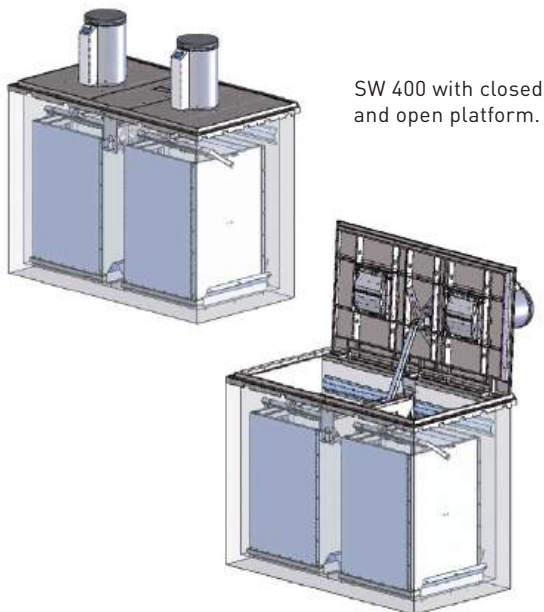


Columns with integrated access system and weighing.

Swing-o-Mat

The variety of offering, tiltable platforms

The variety of offerings with a tiltable platform include, among others, also intelligent insertion columns with access and weighing systems. The power supply is never interrupted, even when opening the platform.



SW 400 with closed and open platform.



Collection point SW 200 with big bag.



Hydraulically tiltable platform SW 500.

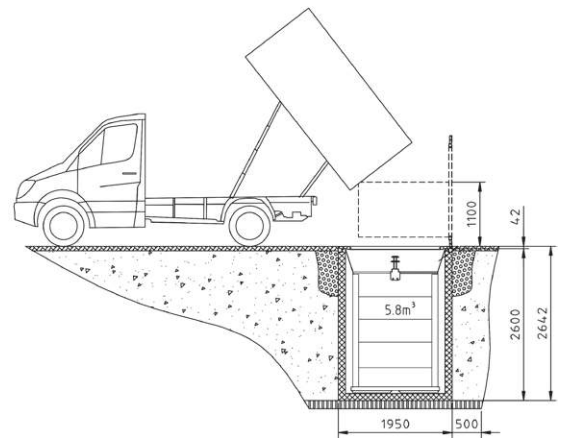
Underground mix Swing-o-Mat

Always efficient operation

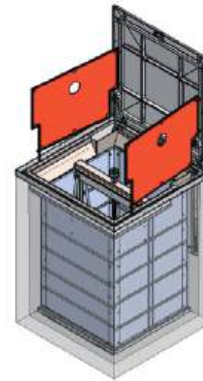
The large quantities of daily waste collected by local authorities in parks and streets that are loaded into small, handy vehicles often require long journeys for unloading. These accrue considerable costs, every day.

This is the solution

The underground Swing-o-Mat system: the system can be installed and unloaded at the site where the waste is generated. This saves you time and money.



Draft of an installed system SW 200.



Open platform with safety railing.

Unloading of a tipper into a Swing-o-Mat system SW 400.



Emptying of steel container with a capacity of 6 m³ by a Speed-Waste-Lifter.



Optionally also available with throw-in columns.



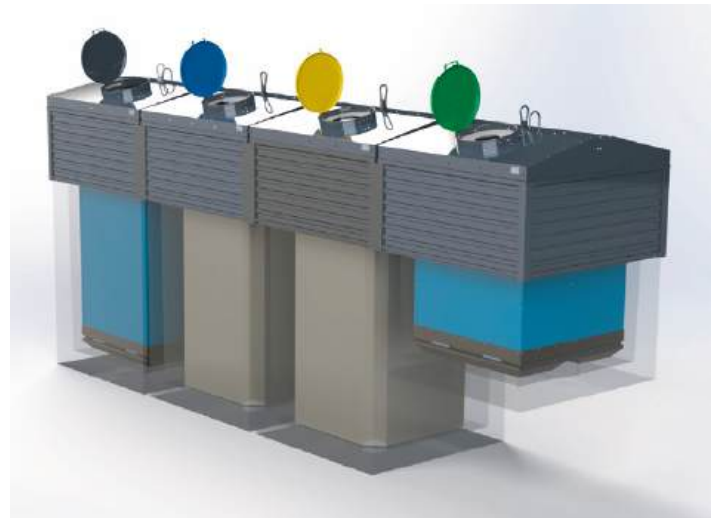
Semi-sub with trapezoidal sheet metal cladding.

Semi-underground Semi-Sub

Versatile applications

The new Semi-Sub is a further development of the modular Sub-Vil system. Several identical components, for example concrete elements and containers, can be used in both programs.

Due to the raised installation, no safety platform is required. The specially designed roof, together with the side cladding made of trapezoidal sheet metal, gives a modern appearance.



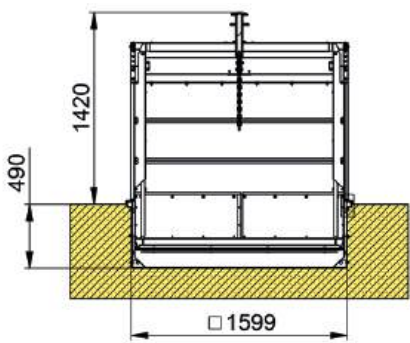
3D model of a collection point with different sizes of concrete elements and containers.



Semi-sub with big bag.



Semi-sub with steel container.

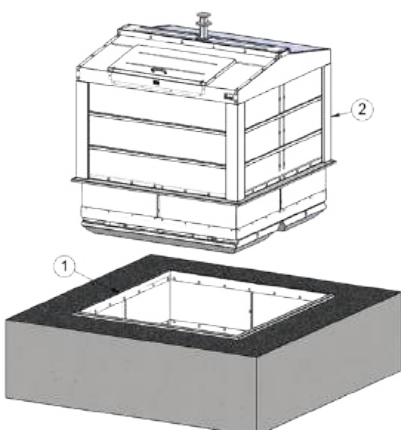
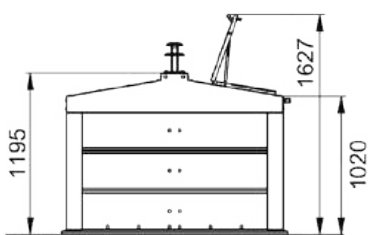


Unobstructed view over the container, despite its large volume

Sub-Maxi

Maximum volume

Your best ideas have helped to make our containers superior across the industry. These are just a few useful details that contribute to a well-kept cityscape. Sub-Maxi is small in appearance and large in volume because the container is lowered 50 cm into the ground by means of a steel element.



Your advantages:

- Pedestrians, cyclists and car drivers always have an overview of the container (traffic safe)
- A throwing opening with a height of only 1 meter (disabled accessible)
- A construction depth of 50 cm with a strong steel tub does not require a safety railing
- Large volume for sustainable management



Better pressing of waste & recyclable materials

Sub-Comp 47

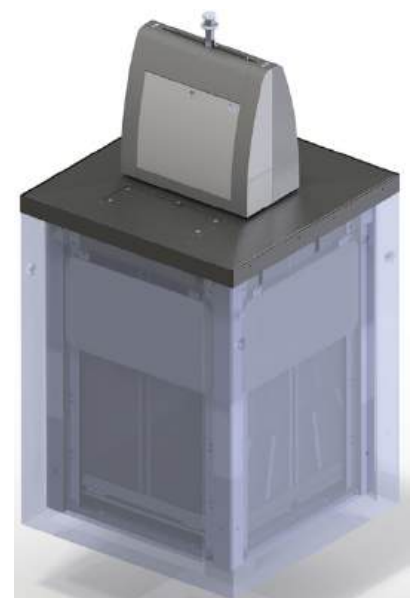
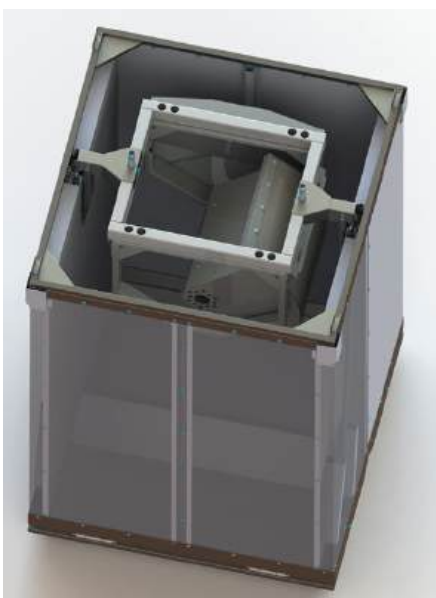
The SUB-COMP 47 is a compactor unit, which is integrated into our standard Sub-Vil underground system. The SUB-COMP 47 is designed and built in such a way that it compacts with a factor of 4 for residual waste a factor of 7 for plastic and plastic bottles: so a SUB-COMP 47 has a four times higher performance compared to a standard underground waste collection system SUB-VIL. The scarce available space is thus used optimally! But not only that, disposal costs are also reduced and less CO₂ is emitted. The system of the SUB-COMP 47 is simple. Every time a bag is thrown in, it is pressed down by a pendulum. Because the pendulum compacts downwards, no pressure is exerted on the walls of the container.



Facts what were important to Villiger while developing the product:

- The weight of the compactor is only 290 kg! This means that a SUB-COMP 47 can contain approx. 1,400 to 1,600 kg of waste or recyclables and still be emptied with a standard crane.
- If the daily collections are unpredictable and time is pressing, you will be glad to have opted for a Sub-Comp 47 from Villiger. An exceptionally high density is created with an underground press and a simple operation as well as a robust construction.
- Serviceability: the walkway platform is easy to remove by means of 4 ball latch bolts, a large service flap is integrated in the platform for possible maintenance work.
- Safety: special sensors detect the type of waste. The SUB-COMP 47 operates on 24V (battery).
- Easy installation in the field: the SUB-COMP 47 is installed in the same concrete element as conventional systems. As the power supply goes to the compactor via 24V, installation in the field is very simple.
- Easy emptying of the SUB-COMP 47: because the power supply is via induction, i.e. via wireless transmission of the current, no plug needs to be pulled out when emptying. The driver can empty the SUB-COMP 47 just like a standard Sub-Vil underground container.

With the SUB-COMP 47, Villiger has added another innovative product to its range of underground systems.



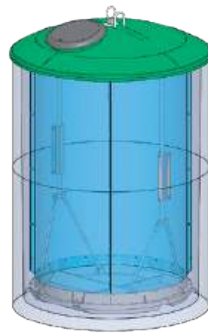
Semi-underground Cupola

A round thing

The Cupola semi-underground system convinces with its straightforward design, user-friendly insertion height, long service life and large collection volume. The Cupola is a preferred system due to its robust construction, especially in mountainous areas. Perfect for handling!

**Success is
based on
experience.**

We have several decades
of experience.



Cupola with steel
container



Collection container with 2-hook system with
stainless steel cover.



A well thought-out concept

Speed-Waste-Lifter



Many waste disposal vehicles can only be used to a very limited extent. However, this does not apply to our multi-talent ICOM (Intelligent Container Management). Its unique concept stands for maximum flexibility and economic efficiency. That is what it was developed and built for.



Villiger: Revolutionary!



The Villiger revolution: less CO₂, more payload and more profit from the first working day. Ask for practical examples!

With the ICOM concept, consisting of the 105-7 loader crane and the VC 24 (both pictured above), waste management companies get the most out of their daily business. More profit and significantly less output are the most important features. The advanced VC line of Villiger collection presses guarantees maximum payload, more profit and lower CO₂ emissions. The conically shaped trough made of high-strength steel is optimally designed for fast and professional emptying. The intelligent design of this version enables high stability and at the same time leads to an excellent weight balance. This trend-setting solution is available in three equipment options. This is, as already known from our light collection press, proven and successfully integrated in series production.

ICOM saves time, money, increases comfort and reduces CO₂ emissions.

These advantages result in time savings of up to 70 % - an impressive reduction over the entire year. This also significantly reduces fuel costs, which helps to protect our environment. ICOM also offers added value in terms of safety: our sophisticated system ensures the highest safety standards.

Our answer to:

- **Climate protection**
 - **Digitalisation**
 - **Skills shortage**
- ... to face the urban challenges together!**

**But ICOM is more than that!
It is a philosophy that
comprehensive approach.**

Speed-Waste-Lifter

Use the strengths



This is Villiger ICOM, Intelligent Container Management

As a technology leader in waste container systems, Villiger knows the requirements and trends of the market. Based on this experience, Villiger started years ago to develop extremely efficient lift systems, which are 100 % tailored to the needs of the waste disposal industry. Today, Villiger with its full range of products is your key partner for all your waste management needs. From container to fully equipped collection vehicles.

But ICOM is more than that! It is a philosophy that takes a holistic approach::

- Speed = economic efficiency **- Safety and ease of use** **- Versatility** **- Ecology**

Think holistically

You determine how you work! We show you the decisive advantages of the Speed-Waste-Lifters concept. The heart of the Speed-Waste-Lifter is its automated functions and optimized processes.

There is no doubt that front container emptying has enormous advantages. All movements are shorter, faster and safer.

Today, the new underground containers have a capacity of over 6 m³ and emptying takes only a few seconds. In order to collect the waste optimally and efficiently, compactors with large capacities and fast pressing are required. Front balers, which work from front to back and not vice versa, are particularly suitable for this. This results in a better weight distribution of the vehicle. In addition, the heavy and low rear section is no longer required, which makes driving much more pleasant.

Take a look ahead – you are well positioned in the back

- Thanks to the automation, each container is gently emptied within 90 seconds and you are ready to continue your journey.
- Enormous time and cost savings.
- Significant reduction of CO₂ emissions.



Well-tuned lifter systems from Villiger

If you work in collection logistics on a daily basis, you need more than a robust tool. You need technology that you can work with. Technology that works reliably and is optimally balanced, even in difficult and narrow streets. And you need disposal systems that mesh seamlessly.





Speed-Waste-Lifter 95-5 The compact class

The first of its class

The SWL 95-5 is our small lifter. A perfect device, compact, powerful, reliable and equipped with all advantages. The SWL 95-5 has a reach of 4.5 m and is used wherever containers are close to the roadside/walkway. The distance to the containers offers an enormous advantage in automation - all paths are shorter and can be automated even faster and more precisely.



Speed-Waste-Lifter 105-7/9 The upper class

The only one in its class

The Speed-Waste-Lifter 105-7/9 represents our larger lifter. It has a reach of 7 metres or up to 8.8 metres. Due to the longer reach, the Gripper pick-up device is placed/parked on the side. The system can be placed on both sides as well as lift/set down containers on both sides.



The E-Upper Class

The Villiger ICOM vehicle now also fully electric

The proven efficiency of our Speed-Waste-Lifter is now also available with ILA-System. Stereo cameras determine the exact position of your container, allowing the lifter to carry out the emptying process fully automatically.

Highest precision paired with highest efficiency

In addition, the ICOM e-vehicle is equipped with a Villiger Compactor, which stands out for its lightweight construction.

24 m³ volume, 7 m³ funnel, at only 3.8 tons

And if that wasn't enough, all without CO² emissions!

Unlimited application possibilities

One vehicle with different uses

A worthwhile investment

When it comes to container management, the most essential thing is to guarantee a fast, high-quality and highly automated process that is also gentle on the product. If, in addition, the operating costs can be saved exorbitantly, you have achieved a decisive advantage.

Today, it is inconceivable to do without the thousands of underground collection points that have been installed. These offer filling volumes of up to 6 m³, which have to be managed daily.



The subtle difference

Turn innovation into your decisive competitive advantage. Time is money - what used to be true is even more important today. With the ICOM, you create optimisations that were not possible before. For example, the number of journeys is reduced.

Collecting on a grand scale - it doesn't always have to be underground. However, there are an enormous number of different sizes that have to be managed daily with a time limit of max. 90 seconds.



What do you do with newly gained free time?

Thanks to high productivity of the ICOM vehicle, you get additional capacity for new business areas such as industrial waste disposal. As a result, you achieve higher utilisation and an increase in your profit.

Large quantities of recyclable materials continue to be produced in industry and commerce. Villiger has an inexpensive range of containers with capacities from 1 m³ to 5.8 m³.



Unlimited application possibilities

One vehicle with different uses

Our area of operation has become larger again

Who doesn't know this: glass has been collected for decades. Usually with standard crane vehicles, but not with us! You can do all this with our new ICOM vehicle.

Colour-separated glass - a collection with an automated emptying process. Materials that can be recycled and reused without loss are considered permanent materials.



Sometimes quite useful for other containers

You benefit from the unique disposal vehicle that can empty all common collection containers on the market by means of a mushroom pick-up system. The Speed-Waste-Lifter combines and optimises the advantages of all known crane systems.

Semi-underground: especially applicable in mountain and winter sports regions. The problem-free function is appreciated there.



The right vehicle at the right moment

Everything from a single source: the mobile cleaning systems are also produced in-house. Our development team focused on a modular cleaning device from the very beginning. Currently, there are various devices to choose from. Customer wishes can also be incorporated at any time.

Container cleaning & much more with state-of-the-art technology: The basis for successful recycling requires regular maintenance and cleaning of the facilities. The mobile cleaning facility we built specifically for this purpose has all the necessary requirements.



Maximum operating radius

The perfect interaction: Speed-Waste-Lifter in combination with the Compactor VC:
An extremely powerful system!



A solution that makes your everyday life easier

No other waste disposal vehicle can be converted so quickly, designed for unrestricted productivity.



Villiger goes one better - Intelligent Loading Assistant (ILA)



At the world's largest trade fair for environmental technology (IFAT) in Munich, Villiger presented a world premiere this year: the autonomous and sustainable container emptying system "ILA: Intelligent Loading Assistant"! Villiger has thus created the corresponding solution to conventional crane emptying on the basis of the in-house developed and produced Speed-Waste-Lifter.

Intelligent software, which corresponds to the technical of a modern robot, as well as through the integration of and through the integration of stereo cameras, waste containers are containers and the emptying process is calculated and - fully automated. The truck drivers truck drivers benefit from simple and convenient operation, with the containers at the touch of a button and without any in-depth without any specialist knowledge.



Artificial intelligence as an answer to the shortage of skilled workers!

Villiger's product innovation means that the entire lifting, emptying and depositing process is fully controlled by artificial intelligence (AI). The truck drivers only have to operate a confirmation lever on the remote control after the automatic mode has been selected. This lever is proportionally responsible for the speed and also functions as a so-called dead man's switch, which increases safety. Thus, if it is not actuated, the emptying process is stopped immediately; only when it is actuated again will the emptying process continue. This advanced and safety-enhancing technology enables containers to be emptied from above ground within 90 seconds or 120 seconds for underground systems.

In combination with the VC press container, an extremely efficient disposal process is made possible. In summary, the working hours of the truck drivers are significantly reduced, which is ultimately a step in the right direction to be able to deal with the currently increasing shortage of skilled workers.



Stereo camera installed on both sides of the truck cab.



The selection of the corresponding container is done via the selection screen using the touch screen.

To make the hard work easier: Test our new multi-talent!

Speed Compactor VC: The screw compactor

**Perfectly in sync: Speed-Waste-Lifter in combination with the Compactor VC -
an extremely efficient system!**

The Compactor VC is the latest addition to our product portfolio. The high compression of the material results in a much greater capacity per vehicle, which in turn means fewer trips. A waste collection truck that we reimagined and designed from the ground up, the vehicle was developed in close collaboration with waste disposal companies, drivers, city councils and local authorities for whom the speedy collection of waste is extremely important. That means it is tailored exactly to your needs.



Monitor with function control panel

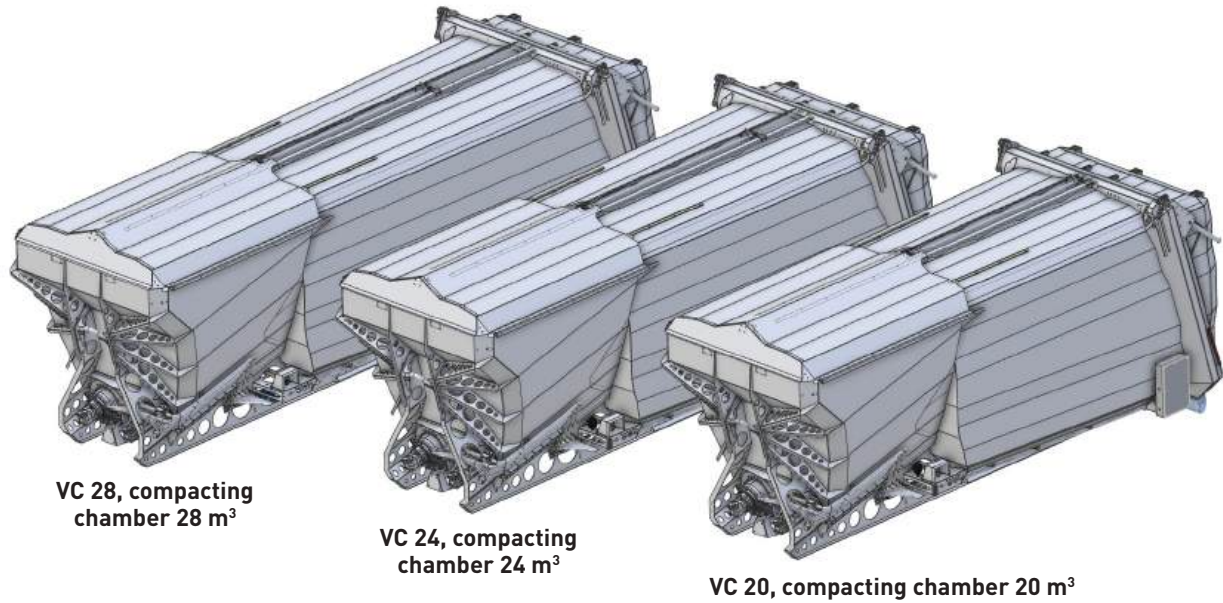


You've got the controls!

- On-board screen for camera in hopper
- On-board hand control
- Pressure nanometers



Speed Compactor: VC line



The benefits to you

- Increase in capacity and productivity, as no equipment has to be exchanged
- The compactor is suitable for a wide range of materials, such as paper, cardboard, light packaging, PET bottles, tin cans, compostable waste and residual waste
- Rapid processing in order to compact the waste completely before the next collection container reaches the funnel
- High payload thanks to lightweight design
- Easier to clean because there are no concealed cavities
- VC 24 can also be used in combination with a conventional loading crane

Stronger, faster, done!

The impressive result of the combination of a high-quality lightweight steel structure and a twin-screw compactor is our ultimate, compact collecting press.

What VC 24 compaction achieves in practice

- **Light packaging:**
mixed plastic waste, 8.8 tons
- **Paper & cardboard:**
20% paper, 80% cardboard, 7.7 tons
- **Residual waste**
Household & commercial waste, up to 14 tons



Source: USB Bochum



Emptying a glass container.

Speed-Gripper

Safety and efficiency during emptying

The Villiger Speed-Gripper is a pickup attachment for mushroom-style systems. Equipped with a hydraulic multiport swivel and a rotation motor, safe and precise maneuvers are possible. Integrated is a patented clamping device and a hydraulic lifting device to open and close the container floor in a controlled manner. The complete emptying process is thus possible within three to five seconds.



Speed Gripper VP 28

Container emptying by means of roof crane with Speed-Gripper.



Crane with Speed-Gripper and connection device.



The MPA 20 manual mushroom pickup device is particularly suitable for fire brigades, maintenance depots and anyone who needs to lift, move or empty individual containers.



More than just a waste container!



Quadromat

The giant for various applications

This makes him a giant

Underground pressing stations compress recyclable materials and residual waste and thus significantly minimize the stored volume. Installed underground, they also do not disturb the visual impression of the surroundings and do not take up any space. The only visible parts are the elegant throw-in columns with an access system. In addition, there are no odour emissions. For emptying, the waste systems are lifted out by a hydraulic system.

Impressive solution

For housing estates, public buildings as well as for commercial properties, the organisation of waste management is of central importance. Underground waste management systems of this kind are therefore particularly in demand in large apartment buildings and residential complexes; they are attractive, space saving, accessible without barriers and ensure a clean living environment.

Because ground space is becoming more and more expensive, especially in conurbations, more and more operators are opting for a Quadromat pressing station instead of a large number of waste containers.

Huge savings in fuel costs and CO₂ emissions

Greater capacity through compaction in the container. Let us give you a practical example: A residential complex of 400 people, where approx. 0.4 kg of residual waste per person per day are generated, leads to an annual waste volume of 58,400 kg. One QMK 650-31 with a compactor of 18-20 m³ capacity is all that is required to cover this waste volume. It only needs to be emptied every 50 days, which corresponds to 7 times per year.



Access control with disposal of garbage bags



A road sweeper being unloaded



Unloading a small vehicle



Throw-in column with sack weighing, combined with a disposal hatch and sunken container tipper.



Up to 20 m³ of compacted waste is collected in the underground press container on the coast of Norway. The disposal costs are thus significantly reduced.





For a sustainable residential and commercial area with 5,000 people, 4 Quadromat systems are sufficient



One system, countless advantages

Particularly low maintenance costs

The Quadromat lift system was designed for minimal maintenance and servicing. The Quadromat is built around a simple mechanical system and offers an unbeatably low level of maintenance expense. The comprehensive support from our customer service or many sales partners gives you professional certainty - at all times.

Don't just meet expectations - exceed them!

We are working constantly on ensuring that our systems always keep you one step ahead. That's why we're proud to present one of the best-value lift systems that is available on the market at present.



Impressive cleanness

Hardly any paper left lying around

Underground collection points offer so much more - such as a better collection rate, tidiness, cleanness and continuous accessibility. This ultimately results in a better quality of life thanks to significantly reduced noise and odour emissions.





Lift-o-Mat system LU 500 with four 770l wheeled bins for bio-waste.



Liftomat

Ideal for tight spaces

Wheeled bins are placed underground by means of a hydraulically operated lift system. This reduces odour emissions and ensures a well-kept cityscape.

Liftomat LU 200 with cobblestone pavement.



**We
develop
faster**
than others
can copy.

SMART-Line

Perfectly tailored to your needs



Maximum comfort with Hands-Free

You do not touch a throw-in drum with your hand.

The drum opens via the foot pedal and closes gently again by itself.

The subtle difference

Turn innovation into your decisive competitive advantage.

Create longevity by modernising your collection points. Increase your yields, save money and protect the environment with Villiger products.



**Technology
and
innovation.**
Our ideas prevail.

Fast, reliable and extremely comfortable - that's the new SMART-Line.

No need to hide it: The new SMART-Line series, now with an even more elegant and effective design. The harmonious shape and timeless design for an extremely neat townscape. An intelligent solution, made just for you, with sophisticated technology you can rely on. In addition to being very user-friendly, the new SMART-Line has an optimum insertion height for even faster and more convenient disposal. The new SMART-Line can be operated quickly, reliably and extremely conveniently, without any effort.



City-Line: the classic



Aboveground container

Timeless and versatile for years

There is no doubt that Villiger revolutionised container construction 25 years ago, being the first in the market with a newly designed modular steel container. Suddenly the containers were no longer dull, but rather colorfully painted and available in various sizes. All container models are highly flexible and their appeal is proven by the fact that we have over 100,000 containers installed all over the world.

The right decision

The variety of Villiger aboveground containers is unbeatable, combined or single – for all requirements.





Collection point with three C-model containers.

C-Model

**Standard,
but modular**

A head start through innovative technology, whether it's high-end equipment or simple containers.

We manufacture all products with the same care and quality in order to offer functionality, modularity, modularity, serviceability and especially durability. Unfortunately, people today often opt for short-term and inferior solutions at the lowest possible prices. However, these products are usually neither aesthetically pleasing nor sustainable or environmentally friendly.

It is significantly more cost-saving to choose a product that offers a long-term service life with all its functions.

We give you a full guarantee on our products for many years - another key factor that makes the subtle difference.



Industrial and commercial containers

Tons of recyclable materials and other wastes are generated every day in production, trade and agriculture.

To this end, Villiger has developed a sustainable container program of 1 m³ to 6 m³ filling volumes, which can be operated with the same municipal waste disposal crane vehicle.

This allows the waste disposal companies to generate better, additional capacity utilization.



Customer Service



Speed – on-site at any time

A service team and direct contact person guarantee our permanent availability, whether sales or technical advice. If you need us, we are fast and reliable. If required, our Villiger sales partners are also always available to provide a responsive, optimal solution.



villiger-Remote Diagnostics Service

No downtime allowed

A number of Villiger products come with high built-in intelligence. The Speed-Waste-Lifter, lift system, electronic access and weighing system must all operate flawlessly without downtime. We ensure this via mobile radio and internet technology, which transfer data from the existing installation directly to the technician's computer. They can then make the correct diagnosis and take corrective actions from any location. You in turn save time and money!





Sustainability

FOR PEOPLE & THE ENVIRONMENT

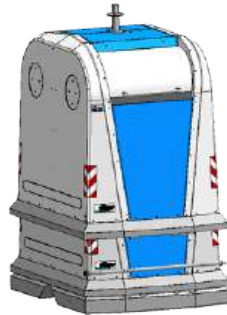


Hands-free waste disposal

Following the coronavirus outbreak, society has become more aware than ever before of the importance of ensuring hygiene. Villiger has responded by refining its products with the introduction of foot pedals so that it is no longer necessary to touch systems with the hands in order to dispose of waste.

Recyclable input material

> 95%



Containers from sustainable manufacturing

All Villiger products are made from recyclable materials, the majority just from steel. The modular design ensures that resources are used responsibly, paving the way for significant reductions in transport.

↓ CO₂

The **Quadromat disposal system** allows up to 20 m³ of compacted waste - equivalent to more than 100 traditional wheeled containers - to be collected in a single system. Waste collection trips can be reduced by over 25% per Quadromat system.

Zinc recovery

Villiger's modular, screw-on systems enable the recovery of zinc. It is obtained from the galvanized steel used for individual parts, increasing the value of the scrap metal.

> 25%

fewer transports thanks to sustainable waste development solutions

Waste disposal for all

Everyone should have access to waste disposal facilities. That's why all Villiger products are wheelchair-friendly, ensuring access even to people with limited mobility. But Villiger also gives thought to other physical impairments such as limited vision, which is why its products can be inscribed with Braille on request.



Sustainable products & services

When bringing out new product innovations, Villiger pursues the aim of delivering sustainable solutions. That is why Villiger makes sure it uses recyclable raw materials in the production process and protects the environment by designing its products to be long-lasting.



Staff development

The wellbeing of our employees is very close to our hearts and forms the basis for the innovative and sustainable future of the Villiger Group. We attach great importance to providing a rich learning environment for young talent and to the development of our employees. Just as each and every one of us is unique, so we polish every rough diamond.

Apprenticeships completed each year since

1991

Rough diamonds

We are proud that many of our long-serving staff were former apprentices of ours. In every single one of them we see a rough diamond who can unleash their full potential through individual support and encouragement. That's why Villiger welcomes continuous professional development and employs many part-time staff.

But Villiger values experience, too: as an employer, we certainly appreciate the experience of our staff in the "50 plus" age group. Employees with many years of know-how and the corresponding networks, particularly skilled workers and managerial staff, are increasingly being seen as an important target group. They are disciplined and exhibit enormous dedication and commitment to their work.

We also encourage young talent, provide training with a practical focus and prepare them optimally for their future in the industry. Villiger offers up to six new apprenticeships a year in the following trades:

- Merchant (Federal VET Diploma)
- Designer (Federal VET Diploma)
- Plant and apparatus engineer (Federal VET Diploma)
- Production mechanic (Federal VET Diploma)



Ideas management

The opinions of our staff are very important to us. Villiger considers the ideas and suggestions for improvement brought by all our rough diamonds and values their initiative.

Responsible supply chain

Villiger urges all suppliers to produce in the most sustainable way possible. Manufacturers of the precast concrete parts, for instance, obtain sand and gravel from certified gravel pits or from properly managed quarries in the surrounding region.



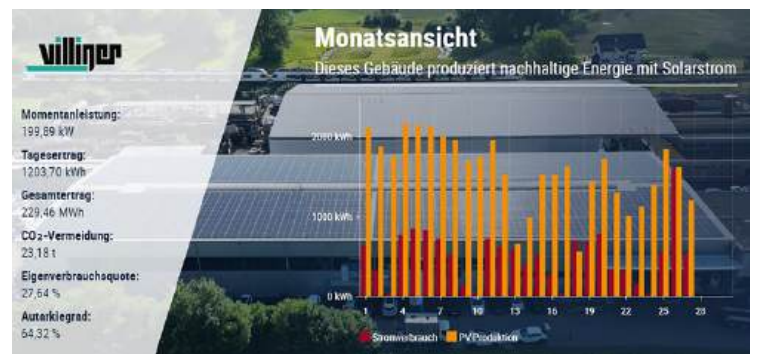
ÖKO STAHL

Source: SZS Stahlbau Zentrum Schweiz (online)

Responsibility

Eco-steel is a sustainable raw material. It is made by recycling the scrap produced by our consumer society, requires 70% less energy for its manufacture and emits 85% less CO₂ than primary steel.

Own solar power plant with 475 kWp



Safety comes first!

The Villiger Group complies with the protective provisions for the workforce set out in the ISO 45001 standard. However, this also applies for the use of our products, so we give the utmost consideration to safety aspects in our development processes.



Ecology

Villiger has set itself the goal of delivering massive reductions in CO₂ emissions, whether by avoiding non-recyclable materials in production and in transport or in the use of our solutions by the customer.



Social commitment

The Villiger Group also sees a responsibility towards society. That's why the fundamental values of ethical behaviour are anchored in the Code of Conduct. Furthermore, we are committed to social integration projects.

Networked devices

We believe that you can get more out of your waste disposal facilities than ever before. We are convinced that intelligent technology and systems are the essential key to greater efficiency. Villiger offers you different modules that you can combine according to your needs.

Vident – Who can throw in trash?

With the access system, you can unlock the insertion column with your personalised access card.

Access system: The access system identifies the user and controls the timely access.

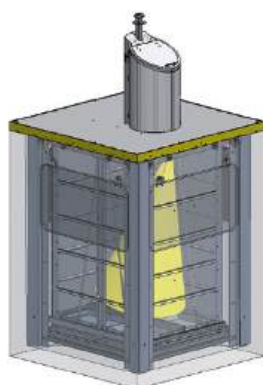
Fill-level measurement: The sensor checks the fill-level and reports the status via internet to the waste management company.

Weighing: A calibrated weighing system measures the amount of disposed waste and passes the information on for billing.

Solar energy: The electronics are powered by solar energy and the system can be operated without an additional energy supply.

Data management: Data management dashboards ensure you timely and optimized insights for billing, as well as for additional organizational and technical observations related to waste disposal.

Volume measurement: The system can measure the size of the waste bag.



Level sensor monitors the waste level.

We invest in new, more efficient products.



Installation in a housing estate.



The cover can only be opened via the use of an access card.



After closing the lid, the weight of the waste is recorded.



Collection point with Caslano throw-in columns and electronic access with weighing.



C-Model Container with electronic access. The electronics are powered by solar energy.



Underground system with Vilaro throw-in column with electronic access/weighing and solar power supply.

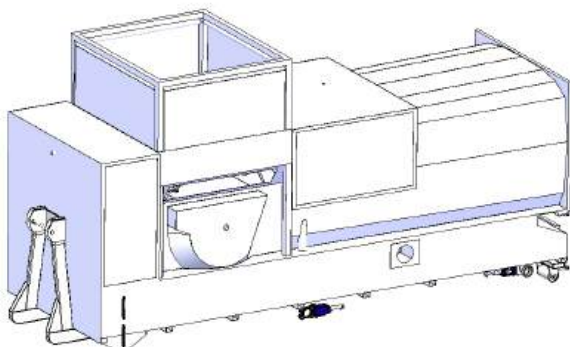
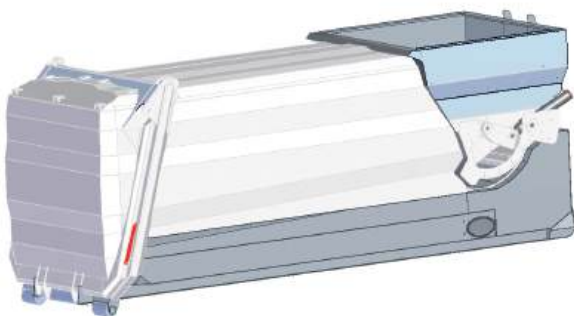
Villiger Innovation

Mobile cleaning device



**Rent
Service
Buy**

You can rent or buy our mobile cleaning system or simply order our cleaning service.



Built to wash

This is exactly what the new washing machine was built for. Based on the successful VC Compactor line, with integrated waste compactor and large dirt and fresh water tank. All this combined with state-of-the-art washing technology and equipment.

A clean thing – inside and outside

The use of the mobile cleaning system ensures the efficient cleaning of your containers and thus maintains their value. With the mobile cleaning device, containers are cleaned inside and outside in the shortest time. The dirty water is collected and can be disposed of professionally.

Everything from one source

The mobile cleaning devices are also produced in-house. Our development team focused on a modular cleaning device from the very beginning. At the moment, you can choose between four different versions. Customer special requests can also be considered at any time.

We live service

Repair service with manufacturer competence – safe and precise

Ensure added value for your containers when you repair and overhaul the system.

**Villiger:
6 Years
full warranty.**



Automatic washing of an underground container in the mobile cleaning device.



Ecologically compatible detergent is used for all washing operations.

Villiger Container Cleaner

The professional from Villiger against dirt

Dissolves stubborn dirt, makes your containers and equipment shine and is cost-effective. The Villiger container cleaner is specially developed to remove dirt from both above- and underground containers.

Available in 20 liter canister.

Ask for a free sample.



Always up to date

**We have
significant
experience in
successful
retrofitting.**

Retrofit of underground systems

We have many years of successful experience in retrofitting of collection points from all manufacturers to Villiger products and can professionally rebuild all systems that are no longer satisfy or operate properly due to various reasons or no service and spare parts suppliers are any more existing.

Procedure

- Removal of the existing container
- Concrete element remains
(no construction work necessary)
- Cleaning
- Installation of the new Villiger system
- Commissioning



Before retrofit ...



... after retrofit in Paradiso (CH).

Efficiency

meets retrofit

We offer special solutions.

Everything is possible

As versatile as the container handling equipment is. 1-hook, 2-hooks, 3-hooks, etc., they have been around for years. But we could increase your container emptying efficiency massively.

We guarantee a higher efficiency

Don't hesitate – we will convert your containers to the mushroom pickup system for better performance. Additionally, use the strengths of the Speed-Waste-Lifters to further increase efficiency.

Very simple

For Villiger products we have thought about this since the very beginning – the conversion is thus a straightforward matter. Hook out, mushroom bracket in. There is however a difference for third-party products, where the effort is somewhat larger. Nonetheless, Villiger also has a cost-effective solution for this.

Conversion of a third-party product to the mushroom pick-up system



Container with 2 hooks pickup system before retrofit ...



... with mushroom pickup system after the retrofit.



Installation – Project planning



Always near to you

No matter where you are, Villiger's trained technicians are always nearby. The best trained service technicians will take care of the installation of the disposal systems. As the manufacturer, we perfectly know our products and therefore guarantee a professional installation and commissioning.

We are the professionals

With passion, we build waste management systems of the highest quality. The same standard also applies to the delivery of our systems. Our trained technicians are equipped with the most modern tools and vehicles.



Maintenance contracts



Training for all levels of knowledge

Villiger maintenance contracts and technical training protect your investment. A user manual ensures that your team is able to take full advantage of all the features and benefits of your equipment. If your needs change, Villiger can supply retrofit and conversion equipment to bring your station back to life.



We are the professionals.



Our claim

We think in terms of solutions: with a comprehensive range of service and spare parts, we are always prepared for your situation and your requirements – wherever and whenever you need us. To keep things running.

Continuous documentation

We think in solutions

All business brochures, the website and our presence in social media are regularly updated - this enables us to always provide our customers with the latest information about our products, services and developments.

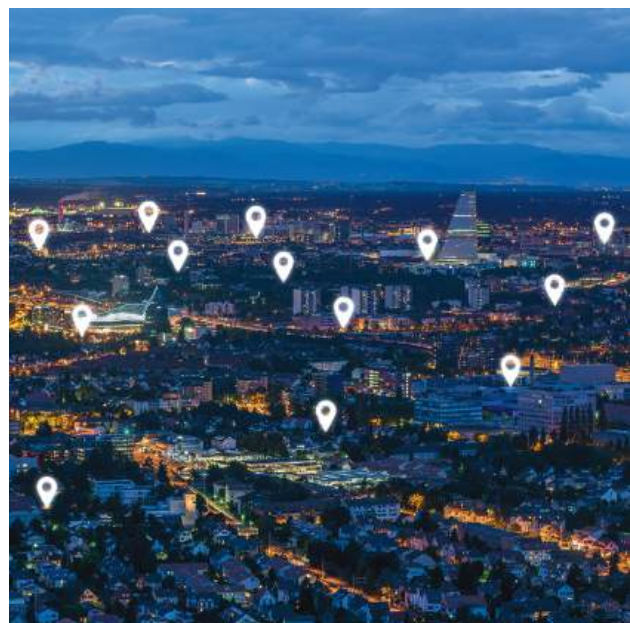
The technical documentation for spare parts and operating instructions for the product range are also available and up-to-date.



Smart City Waste management sites of the future

A Smart City offers its residents maximum quality of life with the least possible effort.

Today, innovative cities and neighborhoods enable diverse and flexible forms of use. With so-called Smart Cities, they meet the demands of modern society. For example, a waste and recyclables collection point can be efficiently combined with other infrastructures and service offerings. Such intelligent nodes in neighborhoods make processes more efficient and life simpler, easier and better. This is a win-win situation: resources can be saved and the quality of life improved.



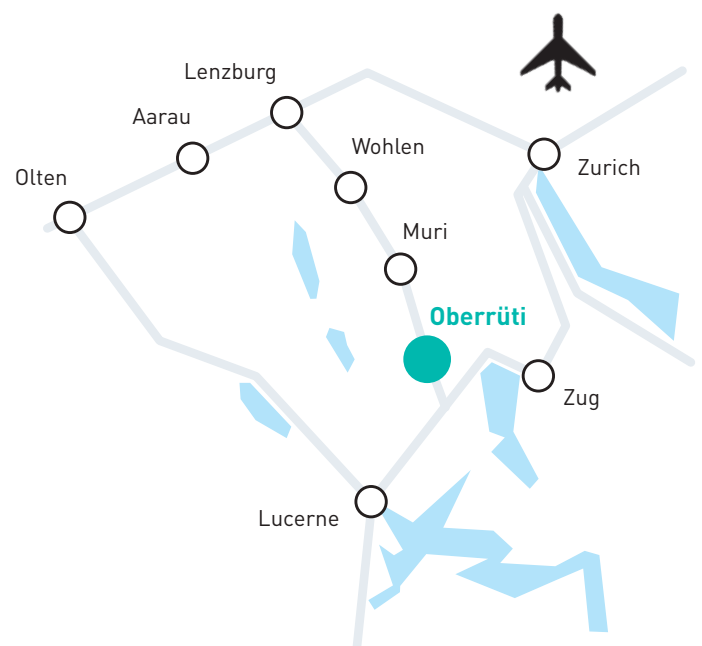
Why Villiger?

Because we offer waste management systems with a customer perspective in mind. Villiger develops and produces optimal systems, not only for our customers but alongside them. For us, every order is a personal matter.

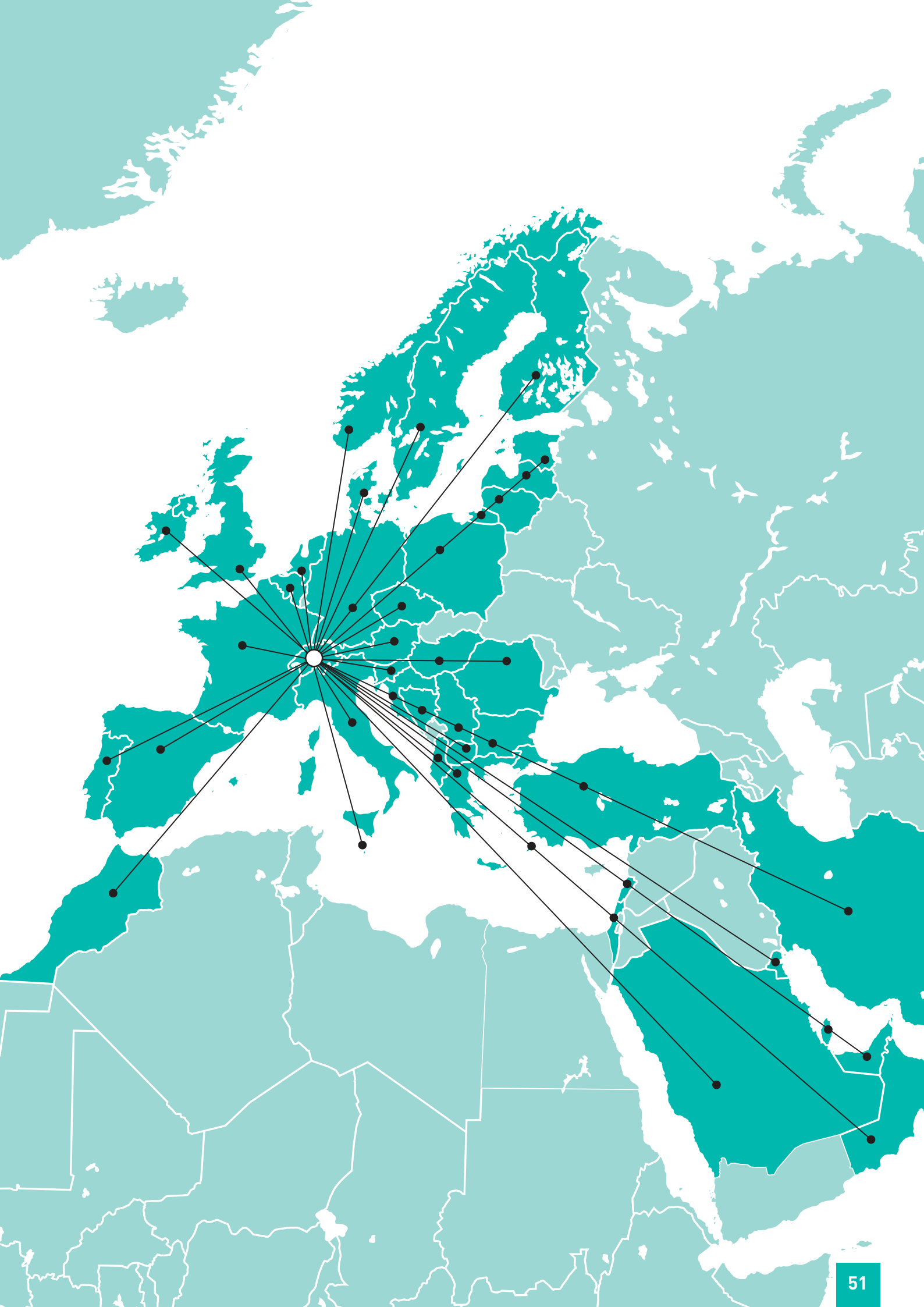
Because, via our comprehensive service and with Swiss values, we are advancing the waste management industry. Villiger stands for reliability, flexibility and a great innovative power.

Because we pride ourselves on a commitment to support the youth. After all, a well educated and trained youth is our future! For many years now, classes of trainees have been an important part of our company. To enhance their learning, we strive to make Villiger an interesting, challenging and supportive employer. We truly believe in motivating the next generation to be top performers.

Because we have a large network of experienced and competent distribution partner, which are present in many different countries. This creates a win-win situation for everyone involved.



- ISO 9001:2015 Quality Management System**
- ISO 14001:2015 Environmental Management System**
- ISO 45001:2018 Occupational Health and Safety Management System**





VILLIGER GROUP



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