



WASH AND SUCK UNIT

The total solution for emptying and cleaning every underground container. A unique and efficient design. A user-friendly and certainly cost-effective powerhouse!





Reliable, engaged & transparent

AW is a versatile company, specialising in sustainable mobile solutions for the waste and cleaning sector. As an innovative but above all innovative player on the market, we focus on powerful and practical products and services: units, machines or parts that fulfill what they are meant for. User-friendly, of good quality and of course as efficient as possible. We follow trends and developments closely, look to the future and attach great importance to sustainability. We do not only add this to our products and services, but also to our way of working. If you opt for AW, you will get what you need and more!

AW consists of three divisions.

AW Machinery

At AW Machinery we design, draw and build special projects and vehicles. All in-house. With our knowledge and experience we are able to innovate new or existing (cleaning) machines or to develop them. Our designs are characterised by quality and simplicity. We look at every facet of the project or vehicle and prioritise efficiency for the user. We take into account accessibility, ease of maintenance and attractive design with every technical solution.

One of our products is the wash and suck unit. A surprising new concept for the effective emptying and complete cleaning of underground containers, even down to the smallest corners. Our European patent covers the main construction and the locations of the various components. In addition, we build various other machines; including container lifts, pick up tool and washing installations.

AW Rental

In addition to designing and building pick up tools, you can also contact us for renting vehicles. Our rental fleet consists of a large variety of modern, safe and innovative collection vehicles such as rear loaders, RCV crane trucks, (crane) hook trucks and side loaders. AW Rental is ahead of the market with ergonomically well-configured vehicles, a lot of knowledge in the workshop and short lines to the customer. We therefore only offer high-quality and high-quality products.

AW Technique

In our specialist workshop, in addition to maintaining our own products, we also take care of revisions, repairs and maintenance of the builds of various suppliers such as Geesink, Haller, VDL Translift and VDK.

Sustainable & innovative

Vehicles of AW are very innovative with several patented parts. In addition, we pay extra attention to the driver and develop machines with low fuel consumption. When it comes to our business partners, we always strive for long-term relationships and consciously choose certain suppliers.

AW stands for quality and sustainability. It is a company philosophy that you experience in all our business units. To be able to carry out and guarantee this as intensively as possible, we work according to the guidelines of ISO 26000.

Our business premises can be found at the Ecopark in Emmeloord. A CO₂ neutral building with an outlook of being energy-neutral at the end of 2018. Based on our ideas and vision on the world, we like to combine our location with ecological use of the environment.

Wash and Suck Unit



Description

The wash and suck unit of AW Machinery heralds a new generation of machines for the waste and cleaning sector. This unit is absolutely the solution for emptying and cleaning every underground container. And all that in one flowing process. The unique design surpasses many parts of traditional machines. Every detail has been thought over. Both with regard to the machine and the process. Quality and practice connect seamlessly with each other.



The compact unit contains a generous capacity of clean water and has just as much space to store waste water. This makes it possible to empty many containers in one route. Because of the front emptying

and cleaning the underground container, the unit creates a smart but also quick cleaning cycle per container. Our patented washing arm and wash heads clean even the smallest corners of containers and bottom flaps. With the use of the suck unit, the use of your vehicle becomes even more efficient. In addition to cleaning containers in one pass, it also cleans the pit.

The wash and suck unit from AW Machinery is an attractive European patented combination of technology and durability. A user-friendly and certainly cost-effective powerhouse!

Features

- Powerful, efficient and maintenance-friendly
- Patented main construction
- Patented crane gutter
- Patented washing arm
- Waste compacting, washing, pumping and vacuuming in one machine
- Short construction method
- Modular construction
- Available in various lengths and two widths
- Use of high-quality materials and parts

Technical specifications

- Capacity of clean water: 3200 litre
- Hopper capacity: 6 m³
- Waste water tank: 2500 / 3500 litres (depending on the model)
- Waste compartment: 9 / 13 m³ (depending on the model)
- Length: 5950 / 6350 / 6750 mm
- Width: 2540 mm
- Height: 2650 mm
- Materials body: Hardox, S 420 en stainless steel Asi 304

The hopper



Description

The generous hopper is the space in which the container is emptied and cleaned. This hopper is situated on the front of the wash unit for an optimal and safe distribution of weight. The operator has a maximum view of the emptying and washing activities through the impact-resistant poly carbonate windows. Additional crane movements to see if the bottom flaps are completely clean are not required with this unit.

The dimensions of the hopper are deliberately very generous. It makes the unit universal and applicable for all other existing above and below ground containers.

The placement of the wash and suck unit in relation to the (underground) container is optimal. AW is leading the way when it comes to the development and trends in 'frontal' loading. This way you always have more crane capacity than in the case of rear-loading vehicles.

Features

- Impact-resistant poly carbonate on the right for optimum visibility of the work at hand
- A pneumatically operated cover to close the crane gap at the front of the hopper during washing. The cover closes automatically as soon as washing starts

Technical specifications

- Filling opening hopper: 2100 x 2100 mm
- Capacity/volume: 6 m³



Spray cover



Description

A generous trough offers many possibilities. Most underground containers are approximately 1.4 x 1.4 meters, creating an open space for overspray during washing. In order to prevent this overspray of cleaning water during the washing of smaller under- or above-ground containers, AW has placed a so-called spray cover in the trough. This spray cover is an original part that is automatically controlled at the start of washing. Overspray is thus kept to a minimum. In addition, it can also be easily switched off by means of a button on the control panel.



Features

- More than generous trough of 2.1 x 2.1 metres
- Spray cover to prevent overspray
- Easy replaceable 900 grams reinforced truck canvas
- Air operated, so no excessive forces on the container and the canvas

Technical specifications

- Dimensions: 2100 x 2100 mm
- Stainless steel construction
- Bearings outside the hopper
- Stainless steel bumper to protect the construction in storage position

High pressure water pump



Description

The heart of the wash and suck unit is the plunger pump. This high-pressure water pump forms the basis for the washing power and effortlessly supplies the required flow and overpressure required for the cleaning of the containers. The water pressure for the rotating cleaning heads and the high-pressure gun (lance) is realised with one pump and the electro hydraulic control system developed. The operator doesn't need to worry about the pump due to the unique fully IQAN control. The pump smoothly regulates the required litres of clean water for the high-pressure gun or washing, but also for both at the same time, when needed.

This plunger pump has a chemically nickel-plated RVS 420 pump head, stainless steel valves with a poly carbonate cage. The spherical valves generate a better flow and are therefore more silent. Moreover, these valves close better because they hit the seat every time at a different location. This pump is equipped with full ceramic plungers with water cooled cuff seals.

AW likes to realise sustainable and efficient returns. The standard water pump control is always fully switched on. But the high-pressure water pump used in this unit only uses what is needed. Sustainable in energy use and therefore better for your wallet too. In short: a high-quality pump and a cost-saving investment for the future.

Features

- The durable pump only supplies the requested litres. Unnecessary circulation of excess (hydraulic) oil is not necessary (environmentally friendly)
- Electro hydraulically controlled proportional control for the most economical drive and minimal wear
- The pump is equipped with fully ceramic plungers
- Smart and easy to maintain (easily accessible and at working height)
- A provision for the intake of antifreeze
- The pump is fitted with an over-dimensioned drive with splash lubrication and has a maximum permissible water temperature of 55°C. Thanks to a special patented (high-quality aluminium) crankcase construction, the oil temperature is 10 to 15°C lower

Technical specifications

- Brand Pratissoli, type: KE 30 H
- Pump material: chemically nickel-plated RVS 420 pump head
- Water output: max 70 L/min
- Operating pressure (P): max 130 Bar
- Revs: max 1,450 RPM

Compaction mechanism



Description

The AW Machinery wash and suck unit has a full compaction mechanism. Waste is compressed four to five times. The design of this press block is also unique in its kind. It is a double parabolically shaped press block that ensures an even distribution of the pressure force and minimal pollution behind the press block. It is a powerful and, above all, reliable mechanism.

The design of the unit has even more thoughtful applications. The press block is by default equipped with an (adjustable) signal when full, on the control post left and right. There is a hatch on the side of the press room for easy cleaning behind the press blocks. Excess water that accumulates there is guided by dewatering pipes to the sludge channel. There the waste water is filtered in the bottom of the unit in a natural way.

Features

- Maintenance-friendly design
- High-quality 'steel on steel' guidance
- Tothing on the beam
- Double parabolic press block
- Drainage behind the press block
- No sensors in the compaction mechanism
- Adjustable full signal

Technical specifications

- Dimensions press block: 400 x 1750 mm
- Compression: 1:4
- Stroke: 1400 mm
- Stroke volume: 870 litre per stroke
- Cycle duration: approx. 25 seconds
- Material cylinder rods: nickel chromed (high resistance to corrosion)

Patented washer arm and wash pattern



Description

Washing power and an optimal result. These are the important characteristics of the AW Machinery wash and suck unit. The patented washing arm, together with the double rotating cleaning heads, ensures that the water jet cleans all corners of the bottom flaps under high pressure. Manually scraping off residual waste is now a thing of the past!

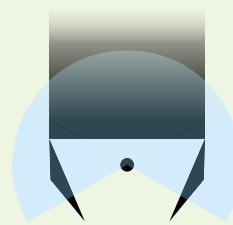
Due to the double rotating cleaning heads the distance to the surface to be cleaned is as short as possible and the washing power increases enormously. In addition, the rotating cleaning heads can be aimed in a targeted and powerful manner in the most dirty areas of the (underground) container and bottom flaps. With our in-house developed wash pattern, your container is absolutely spotless.

The AW washing arm has another attractive property. The washing arm is operated by means of an air cylinder. The arm can even be move along when the operator lowers the crane and container too far. Protection that covers the rotating cleaning heads ensure good protection of the material. An optimal number of workable hours (up-time) and adequate damage prevention ensure maximum efficiency.

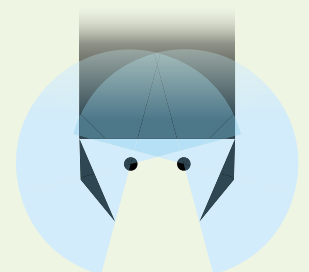
Features

- Washing pattern: combination of patented washer arm and double rotating cleaning heads
- The washer arm is operated by compressed air and moves as the operator lowers the crane and container too far
- Standard protective braces cover the rotating cleaning heads
- Optimal up-time and damage prevention for maximum efficiency

Patented spray pattern



normal spray pattern



renewed spray pattern AW Machinery

Technical specifications

- 2x Bolondi type SW 060 rotating cleaning heads
- Material washer arm: Stainless steel

Clean and waste water tank



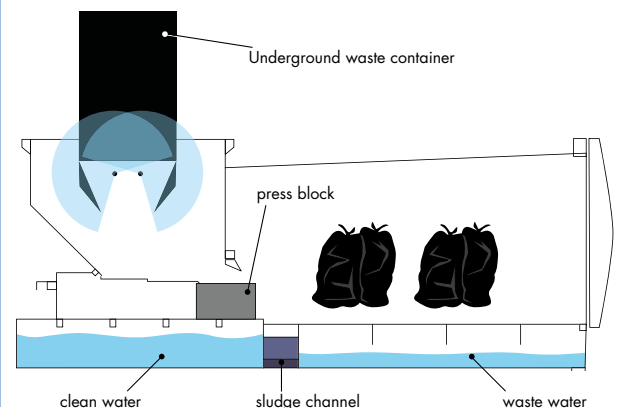
Description

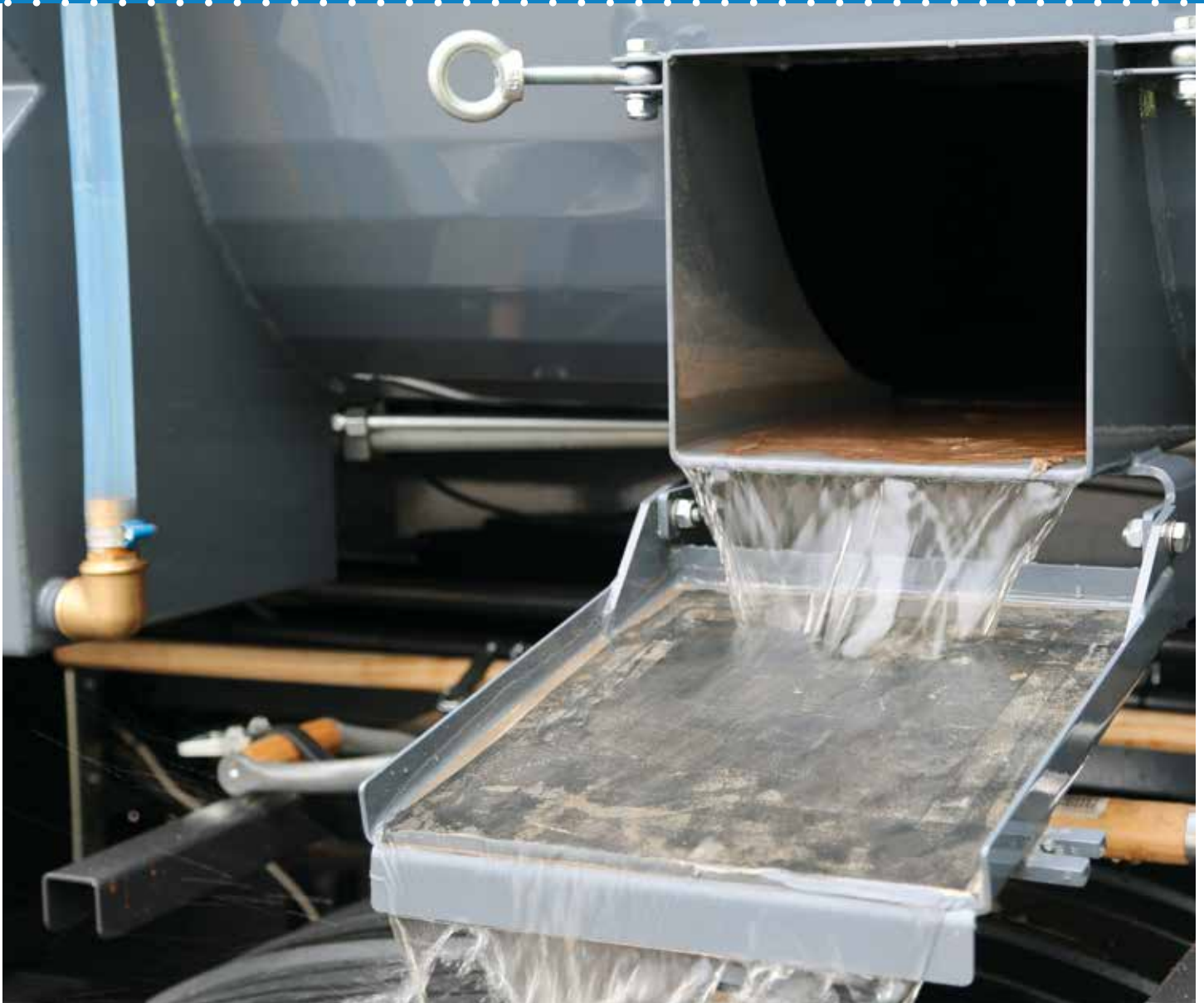
More return per trip! With an convenient large clean water tank, this wash and suck unit can do this with ease. It has sufficient capacity to wash more than 40 containers and to clean the point of waste delivery (the column).

The waste water tank is equipped with a sludge channel with a flat floor and a cleaning hatch on both sides. By separating sludge and water, the tank pollutes as little as possible. The maintenance is not only simple, but also efficient.

Both tanks have unique characteristics, according to AW's original idea. For example, in the integrated design, tanks were chosen to be placed at the lowest possible location of the unit. The low center of gravity prevents unnecessary circulation of waste water such as conventional garbage and washing trucks do. Thanks to the well thought-out arrangement of the tanks, the vehicle has a better road holding and is safer in the corners, regardless of the weight of the load.

With strategic sling plates not only weight is saved, the construction even gains extra strength. Through a indent in the design, maximum use is made of the entire volume of the tank and the high-pressure pump does not run dry. The lance is stored in a flat storage place in the profiling on the outside of the tank. AW likes to combine design as much as possible with safety, functionality and the highest possible returns.





Characteristics clean water tank

- A monitoring well for a clear and visible water level
- A level sensor to prevent dry running of the high-pressure pump
- Manhole on the top of the tank

Specifications waste water tank

- Practical 4" hand operated gate valve (both sides)
- Manhole at the back
- Hatches on the sludge channel on both sides for easy cleaning
- Floater for full notification when using the lobe pump
- Sludge channel with flat floor

Specifications clean water tank

- Volume: 3200 litre
- Material: Stainless steel
- 2" Filling point with overflow protection
- 1.5" topping access for adding soap or scent
- Good aeration
- 1" Crane for connecting to clean water filter and high pressure pump

Specifications waste water tank

- 4" valves left and right
- Volume: 3500 to 2500 litre (depending on the model)

Waste water compartment



Description

To be able to empty, press and wash in one stop, the machine needs a large waste compartment. The compartment of AW's wash and suck unit is fully conically constructed for maximum utilisation, strength and service life. The waste that is processed is wet and therefore requires high quality materials. The stainless steel floor and high tensile S 420 3 mm side walls and roof meet these quality requirements and also offer convenience while dumping.

The patented crane gutter makes clever use of the space and ensures that you actually use the full volume of the machine. A higher degree of pressing also means less driving. Again a component where quality and efficiency complement each other perfectly.

Features

- Conically constructed for easy dumping of waste
- Patented crane gutter for an optimal distribution of the waste. Your result: a higher degree of pressing also means less driving
- The machine has a low weight due to the use of light and strong materials. This benefits the net payload
- A stainless steel floor prevents (dried) waste from settling on the loading floor

Technical specifications

- Stainless steel floor
- High tensile S 420 3 mm sidewalls
- Volume 13 m³



Description

The curved rear door ensures that all waste is easily distributed in the waste compartment. In other words, you can process more waste through a better and more compact distribution of the waste in the unit.

The rubber seal in the back door and the durable lock prevent leakage of water. You can count on a clean and leak-free transport of waste. After your route, you simply and safely dump the waste through the hydraulically operated rear door.

Options

- Support on the back for the pickup device
- Vulcanised rubber plate 10 mm thick - size: 900 x 400 (optional for protection)
- Perculate grid in the back door with 2 x 2" storz cap

Features

- Integrated crane support
- Hydraulically operated back door
- Internal routing of the hoses
- Cylinders of the rear door are fitted with internal hose rupture protectors

Heater(s)



Description

The contact moment of every household with waste processing process is the issue of waste disposal (the column). These waste collectors determine the appearance of streets in every village or city and must be fresh and clean. The AW wash and suck unit is equipped with hot water on the lance/gun as standard to clean the waste disposal unit and the environment.

To work environmentally friendly and with maximum reliability, AW has equipped the burner with digital control, integrated in the IQAN control. This creates a total overview of both the machine and the boiler and offers many advantages when it comes to good service and the rapid resolution of any malfunctions. AW also uses a reliable 2-stage fuel pump for clean flue gas. It is a very compact and directly working heating module, equipped with an integrated diesel oil burner. It heats the water to a maximum of 90° C and is adjustable via a thermostat. The heating switches off automatically as soon as the cleaning work is finished and starts immediately as soon as the work is resumed.

Security

- Automatic burner, flame protection and flame control on/off
- Safety devices for water shortage and maximum water temperature
- Security water supply pressure and pressure relief valve
- Detection of water flow*

* Control displays a signal and the machine stops when a defective flow sensor is registered.

Features

- A diesel oil burner is reliable and has a long service life
- The module is completely integrated in the machine control
- The stainless steel inner shell with diffuser has optimum combustion at a low flue gas temperature
- Heats only with actual water collection (flow-through principle)
- Immediate functioning, no time and energy loss as with a boiler system
- There is no hot water running through the high-pressure pump: thereby, less maintenance of the pump is necessary
- Low fuel consumption due to high burner efficiency
- Entirely 24 volt, no inverters or additional components needed

(Sustainable) specifications

- Effective heating capacity: 90 - 95 kW
- Burner technical boiler efficiency $\geq 91\%$
- Flue gas loss: $\leq 9\%$
- Soot rate according to Bacharach: 0 – 1
- Maximum flue gas temperature: 260°C
- Maximum water temperature: 98°C
- Minimal water temperature: 60°C
- Maximum operating pressure: 300 bar
- Prescribed fuel: diesel oil or GTL
- Fuel consumption at full capacity: 9.15 – 12 l/hour
- Weight: approx. 80 kg

Lobe pump



Description

The wash and suck unit can additionally be fitted with a lobe pump for emptying the pit. A must if you opt for a high capacity, few driving movements and a low-noise process. The dirty water then goes through the sludge channel to the waste water tank. The possibility of depositing via the 4" sliding cranes can continuously pump large amounts of rainwater from the well and transfer it into the sewer (naturally subject to local regulations).

Features

- High pump capacity
- Efficient use of your vehicle due to few driving movements
- The waste water flows through the sludge channel into the same waste water tank as the washing water
- Valveless
- Self Priming
- Quiet

Specification

- Börger PL 200 pump, capacity: up to 50 m³/hour
- Pump ball passage: max. 40 mm
- 3" Aluminium suction tube of approx. 3 meters

Control stations

Via the remote control of the crane



Description

Ease of use, ergonomics and simplicity. This applies to the ergonomically placed control stations of the wash and suck unit. They can be found both left and right at the lances. By means of unambiguous symbols for washing, pressing and other functions, the operation goes automatically. The buttons light up when the corresponding function is active. If you opt for a suction and/or pump installation, then the control post on the right-hand side is at the connection points for the hose. All control stations are equipped with an emergency stop button and the entire control system meets the CE and NEN-EN 1501 standards.

You can also wash and press using the remote control of the crane. The (adjustable) full signal appears as soon as the press button flashes. In addition to the operating stations for the operator, there is an LCD screen on the control box where all settings and service options can be read and adjusted.

Of course it is possible to read out the full control of the machine via your smartphone (Bluetooth).



Features

- Ergonomically placed control posts
- Unambiguous symbols
- Buttons with lights
- Emergency stop buttons present
- You can read out full control via Bluetooth

Specification

- Entire control system meets the CE and NEN-EN 1501 standards

Control and hydraulics



Description

In the unit design integrated by AW, no sensors are incorporated in the compaction mechanism, the hopper and the centrifugal pump. Everything is hydraulically controlled in the technical cabinet. With the fully load sense-controlled hydraulics, the operator can use several functions at the same time in combination with the IQAN control system: cleaning with the lance and washing or vacuuming. Ease of use is an important element in practice in addition to efficiency.

AW has also thought about energy consumption. The high pressure water pump is controlled proportionally. And all that without the operator having to think about it. Software, control, hydraulics and water pressure work together perfectly and thus ensure an efficient energy consumption.

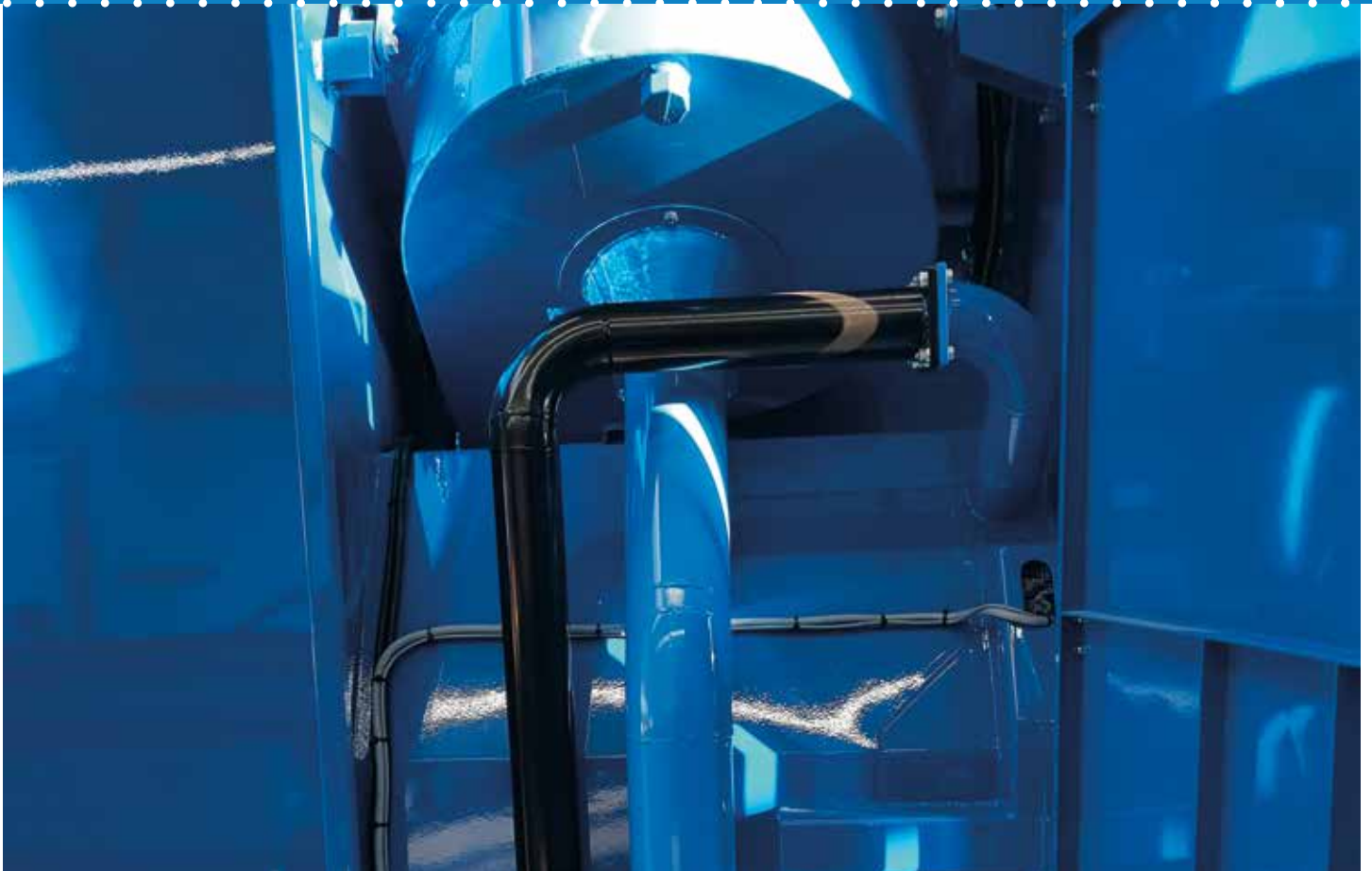
Features

- Simple and clear settings
- The IQAN control is a specific CAN bus for mobile applications and therefore always stable
- A display with simple menu structure for the user and a more extensive menu for service
- Readable via smartphone

Specification

- Parker LS 90 valve
- Control stable between 9 and 36 volt
- 1 waste and 1 clean water level sensor
- Push buttons with LED-lighting
- Standard Bluetooth dongle

Centrifugal pump



Description

Left waste or glass in the bottom of the pit. Grit along the pit edges, but also leaves in the autumn. The powerful centrifugal pump in AW's wash and suck unit removes it effortlessly. Due to the gigantic and continuous airflow, the waste and also the last wet dirty sludge disappears in the corner of the well, after which it is simply sucked up. You leave everything clean and dry. The centrifugal pump clearly has an added value. It is an optional component, but essential for your wash and suck unit based on the experiences of our customers.

The waste that you suck ends up in the waste compartment with a considerable volume. The sophisticated placement of the compartment ensures this high filling rate. Blockage does not occur in this part of the unit. The almost straight tube prevents that. Due to the size of the tube, even whole bottles or cans can be sucked up. Compared to a regular drain suction or vacuum tank, the biggest advantage of this pump is the continuous application. The machine continues to suck, hour after hour.

Features

- Makes spotlessly clean and dry
- Large waste compartment for a lot of waste volume
- The virtually straight tube prevents clogging
- The pump is able to clean and dry continuously

Specification

- Diameter turbine/fan blade: Ø 600 mm
- Number of blades fan blade: 4
- Drive: hydraulic
- Mounting: completely independently suspended in rubber buffers
- Oil capacity of the vehicle: 250 bar - 60 l/min.
- Extra weight: 300 kg
- Air capacity (m³/min.): 175 m³/min.
- Sound: 90 dB(A)
- Hand loop hose: Ø 5", length 8 metres with aluminium suction head and handle





Description

The patented solution for cleaning containers with two bottom flaps is supplied as standard with the AW wash and suck unit. Naturally, cleaning of Molok bags and three-colour glass containers is also possible. AW developed a special arm that cleans the container per section and the inside of the Molok bag.

During the cleaning process the position of the washing head is clearly visible to the operator. The Molok or glass container can easily be put back in the right place in this way. After washing, the Molok arm does not prevent the crane from being put back into the crane gutter.

Features

- The (Molok) arm comes with a storage support for the machine and a stainless steel quick lock
- The position of the rotating cleaning head is clearly visible to the operator. The patented AW washing arm cleans the container per section and the inside of the Molok bag

Specification

- 1 x Bolondi SW 060 rotating cleaning head
- 60 L/min, 4 nozzles
- Stainless steel arm with internal routing for the hose
- Storage support on the right front bar



Metro® / One hook opener



Description

To empty an underground Metro container with your vehicle, you need an edge (stop) in the hopper. The Metro containers have one cover on the underside that is opened with a catch. Especially for this type of container, AW adds an edge to the hopper. Along this edge you lower the container into the unit. The cam opens the cover by means of the catch. The cover is then stopped by rubber buffers (stop blocks). After emptying, you close the cover of the container again via the rear edge of the trough. A functional and fluid process through an optional adaptation for the Metro container.

Features

- Customized trough cover
- Specific guidance



Specification

- Rubber stop blocks for catching the cover
- Protection profiles on the rear edge of the trough

Fixed construction



Description

A fixed unit or a flexible unit? It's your choice and no problem for AW. The wash and suck unit is often purchased as a container and gives you a lot of flexibility in your fleet. A change with another container is then easily done.

Are you washing all year round? Then a fixed unit is a better solution for you. You then have no additional costs for the container system and benefit from the lower weight of the vehicle.

Features

- More payload
- Cheaper total solution



Narrow superstructure



Description

The narrow construction variant of AW is agile and very suitable for locations in the city center. Narrow streets and parked cars often make it difficult for larger trucks to reach the right places. Is this the daily practice for you? Then the narrow construction of the wash and suck unit is the perfect choice. Technically constructed from the same components as the standard (wider) unit, but still extremely suitable for harsh conditions and equally powerful!

We would like to show you the possibilities of this narrow and manoeuvrable complete wash and suck solution for the city center.

Features

- The format is extremely suitable for the city centre.
- Narrow and agile.

Specification

- Width: 2200 mm
- Length: 5.75 m
- Height: 2.65 m
- Filling opening trough: 1800 x 2100 mm
- Clean water tank: 2800 litre
- Waste compartment: 9 m³
- Waste water tank: 2400 litre
- Hopper capacity: ca. 5 m³

Full vehicle superstructure



Description

A wash and suck unit is not complete without a complete finish of your vehicle. A washing vehicle is the ultimate combination of technology; the wash unit, the crane with pick up tool, the hook-lift and all other necessary supports for your tools such as ladders and hoses.

Tailored advice

At AW we are happy to advise you, possibly together with your own vehicle dealer, about the purchase of the chassis. Then we build the complete vehicle for you. Your personal preferences, and of course usage purposes, form the guiding principle for our advice. We not only incorporate experiences from our other customers, we also incorporate the latest developments in technology and legislation. A build-up of AW is sustainable and of our time.

Your design in the picture

If your wishes are clear, our engineering will provide an original design of a (complete) wash and suck unit. We keep you informed of the design, both digitally (3D) and live. That way, there is ample room to immediately take on tailor-made adaptations.

Fast delivery of high quality

If all facets of your end product are known, our engineers start working on your unit. Thanks to our spacious workshop and own stock you can count on the shortest possible delivery time. If you opt for AW, you are assured of one professional point of contact for a clear and smooth building process.

Features

- 3D engineering.
- Cost advantage through repetitive usage of parts

Specification

- AW uses a lot of stainless steel for the wash and suck unit.
- Other supports are blasted and powder coated.
- 2K wet paints are also possible.

Training and advice



Maximum return on your purchase

With a large investment you also want maximum return on this purchase, of course. AW would like you and your employees to make optimal use of our machines to your full satisfaction. The training concept of AW makes this possible with an in-house and hands-on training in small groups and a high accessibility for all participants. This training is included with the purchase of our washing unit.

Training

Committed, motivated but above all qualified employees form the basis of the success of your company. During AW training, your employees get to know the machine inside out. All the principles are being discussed. Of course, theory and practice alternate with each other to keep everyone engaged. AW offers two training courses: the operator training and the technical training for service technicians and technicians.

At the location of AW we have a well-equipped training room and a concrete pit with an underground container. This way we can show the whole process real-time and of course also practice it. It is very important that your driver has the right knowledge and skills. During AW general training your driver (operator) learns everything about the daily use of the truck in an accessible and practical way. In addition, the various components are discussed and tips & tricks are given to solve minor problems themselves. This saves you both time and money.

Course content:

- Increasing the knowledge about the wash and suck unit.
- Technical explanation about the various systems.
- Practice exercises with your own machine.
- Remedy and prevent minor technical failures.

Advantages:

- Optimal use of the possibilities of the machine.

Consultation

In a personal meeting, we will gladly give you professional advice when it comes to the (new) construction of your company car. A (cleaning) vehicle is a product that is tailor-made. Suitable for your applications and according to your wishes. In addition, specific requirements are set for various aspects of the vehicle. For example the wheelbase, PTO, power and such. We are happy to help you with the right choice for the entire product.

Service / maintenance / repair



Maintenance & overhaul

AW Materieel, AW's service organisation ensures the continued availability and reliability of your equipment. In order to be able to enter into a long-term partnership, we offer our customers the option of choosing a maintenance management program: a customised service level with fixed maintenance planning, and service and parts packages. These service packages can be built in a flexible way, but ensure in all cases a well-maintained and reliable product, without financial uncertainties.

Our helpdesk for technical support is easily accessible on a daily basis. Whether you want to make a maintenance appointment, order parts or have a repair carried out: you will receive immediate support.

AW offers more in addition to qualified technicians and original parts from AW Materieel. We give you technical support and advice and we offer information about product innovations and modifications to achieve further cost reduction. AW also has a professional instructor and trainer to train and support both your technical and operational staff.

Service contract

AW offers the possibility to conclude a service contract on the machines purchased by the customer:

- A periodic maintenance contract in which we make annual agreements for checks and maintenance. In this we also provide for checking all safety items that are necessary on the collection vehicle. A periodic maintenance contract involves inspecting and checking the operation of the construction of your superstructure.

Should it transpire during the inspection that a larger-scale repair is necessary, an appointment will be made for this purpose in consultation with you. We believe that preventive maintenance, as proposed by us, will contribute to an increase in the reliability of your superstructure.

Reliable, engaged & transparent

AW is a versatile company, specialising in sustainable mobile solutions for the waste and cleaning sector. As an innovative but above all innovative player on the market, we focus on powerful and practical products and services. Units, machines or parts that deliver what they are meant for. User-friendly, of good quality and of course as efficient as possible. We follow trends and developments closely, look to the future and attach great importance to sustainability. We do not only add this to our products and services, but also to our way of working.

If you opt for AW, you will get what you need and more!

The wash and suck unit from AW Machinery is an attractive European patented combination of technology and durability.

A user-friendly and certainly cost-effective powerhouse!



Products and options

	Normal UCW 13/3.5	UWC 11/2.7	UWC 9/2.5	Small UWC 9/2500 -2200
Length (center hook/end rear door)	6750	6350	5950	5950
Width	2540	2540	2540	2200
Height	2650	2650	2650	2650
Clean water tank (litres)	3200	3200	3200	2700
Waste water tank (litres)	3500	2700	2500	2500
Waste compartment (m ³)	13	11	9	9
Weight - basic / full options ⁽²⁾	5320/6000	5170/5850	5020/5700	4260/4850
Hot water on the lance	•	•	•	•
Hot water on the cleaning heads	◦	◦	◦	X
Stainless steel reel with 14 metres of hose	•	•	•	•
Bluetooth dongle	•	•	•	•
Load sense hydraulics	•	•	•	•
Compaction mechanism	•	•	•	•
Diesel tank	• ⁽¹⁾	• ⁽¹⁾	• ⁽¹⁾	• ⁽¹⁾
Sandblasted and painted in 2K	•	•	•	•
Lobe pump	◦	◦	◦	◦
Centrifugal pump	◦	◦	◦	◦
2 nd reel at the left side	◦	◦	◦	◦
Metro support	◦	◦	◦	◦
Molok solution	◦	◦	◦	◦
Rubber seal for rear cover	◦	◦	◦	◦
Drain with meshes in rear cover	◦	◦	◦	◦
Height of hook	1450 ⁽¹⁾	1450 ⁽¹⁾	1450 ⁽¹⁾	1450 ⁽¹⁾
Roll for back drop-off	• ⁽¹⁾	• ⁽¹⁾	• ⁽¹⁾	• ⁽¹⁾
Tip frame with telescope cylinder	◦	◦	◦	◦

• = standard

◦ = option

1 = not applicable with tipper frame option

2 = basis, 1 heater, no lobe of centrifugal pump

full options = including lobes, centrifugal pump and 2nd burner



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