



W-TECHNO

general catalogue





W-TECHNO

Water Treatments

W-TECHNO is a company with specialist knowledge in the design and manufacture of wash bay, paint-wash, boot-wash, high pressure nebulizer, wheel-wash for the rental market. The company's headquarters and factory is based some 10 miles outside of Milan. Design, powder coating, mechanical and electrical assembly and final testing are all done in house which allows for a highly-integrated manufacturing process. Some of the best engineers and technicians currently working in above business sectors form part of our team. W-techno have developed a wide range of innovative equipment and solutions, versatile and modern, suitable for use in multiple sectors, such as construction sites, rental companies and fleet hire to name a few.

Since its inception, the company has doubled in size and the evident quality of our products has led us to open a strategic network of sales and service centers across Europe, Asia, Africa and Oceania.

This extensive network of service centers is always available to assist customers with any request or need you may have.



W-TECHNO developed a new system to wash eco-friendly all machines and tools used in construction and working sites.

The system is dedicated to company with high social responsibility on water recirculation and saving because allow you to clean all machines every day from the mud and oils. The system cleans the water used thanks to a filtration process and returns it to the pressure washer and to the user.

100% recycled water, enormous water saving and maximum level of social responsibility in terms of use of natural resources and prevention of potential soil contamination.



WASH RACK **X-SPLASH**

How does it work?

The wash bay is joined to the separating tanks, and the filtration system, creating a closed-circuit system that can recycle 100% of the water. Through several filters, which can retain heavy substances, hydrocarbons and oils, the water is cleaned to be reused.

All variations of the **X-Splash** are composed of a wash bay which is accessible via a galvanized anti-slip ramp. The high walls protect the potential spillage of overspray of water, ensuring no contaminated water escapes. The separate filtration system is connected to a booster pump which is also connected to the pressure washer, closing the loop and recirculated the water.

The **X-Splash** options allow you choose the most suitable wash system for your application.



Easily assembled



Easily disassembled



Easily removable



Easily transportable



100% recycling water

X-SPLASH



Mod.
X-10

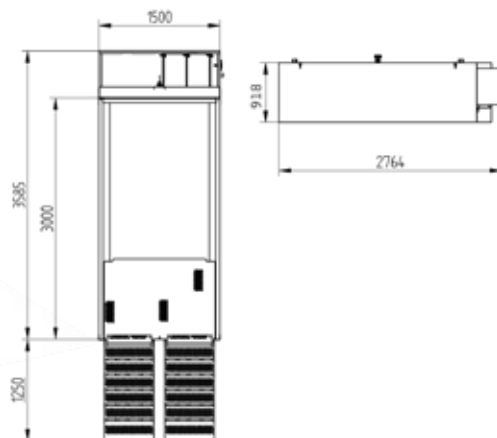
1000 liters'
capacity



100% water
recycling

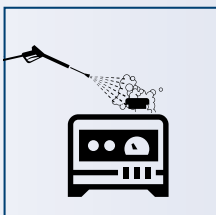
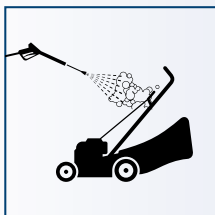


water saving



X-1

WASH RACK



The **X-1** is the smallest version of the X-Splash available, designed for small plant and equipment.

X-1

How it works:

The wash bay is made with a diamond tread ramp and a 2200mm high wall. The wash bay floor pan directs the dirty water and sludge from the equipment being cleaned to a solids collection tank at the rear of the wash bay. Inside the rear tank, a float switch activates a diaphragm pump which delivers the dirty water into the filtration tanks to start the filtration process. After the water has been through this process, a booster pump delivers the water again to your pressure washer. Through the filtrating system, you can use the same water repeatedly. The filters inside the separator tank can be easily replaced, guaranteeing an adequate filtering barrier.

Advantages

- The system allows you to recycle water and therefore the contaminated water does not get into the drainage system;
- Less water used means more money is saved, and more savings made with handling and washing time;
- Easily transportable, easy to assemble and disassemble;
- Innovative design and the modular construction system make our wash bays suitable for several indoor and outdoor uses;
- Environmentally friendly.



SUITABLE FOR THESE SECTORS



rental companies



mechanical workshops



contractors

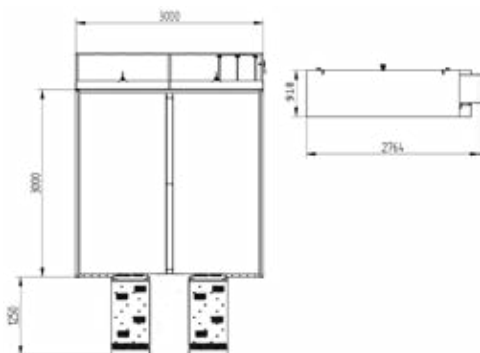


industrial applications



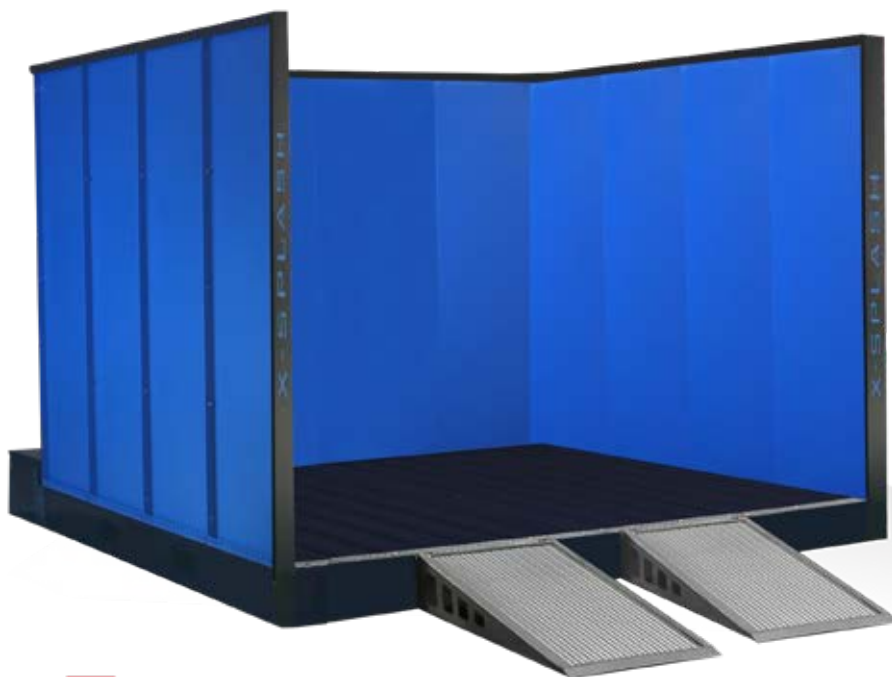
Technical Specifications - X-Splash - X-1	
Useful dimension mm.	1500x3000
Total dimension mm.	1500 x 4850
Filtration tank dimension mm.	(X-10) 2810 x 740 x 990h
Maximum load capacity kg	5.000
Walls standard height mm.	2200
Total dry weight of the bay kg	860
Diaphragm pump	0,054 kW - 17lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-10
Option filtering system	X-15, X-30, X-60
Option maximum load capacity kg	10.000/ 20.000

X-SPLASH



Mod.
X-10

1000 liters'
capacity



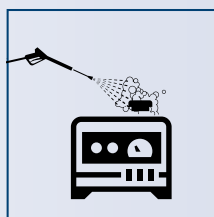
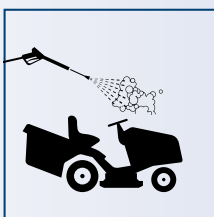
100% water
recycling



water saving

X-2

WASH RACK





A self-contained, environmentally friendly, cleaning system for construction plant and equipment.

X-2

How it works:

The wash bay is made with a diamond tread ramp and a 2200mm high wall. The wash bay floor pan directs the dirty water and sludge from the equipment being cleaned to a solids collection tank at the rear of the wash bay. Inside the rear tank, a float switch activates a diaphragm pump which delivers the dirty water into the filtration tanks to start the filtration process. After the water has been through this process, a booster pump delivers the water again to your pressure washer. Through the filtrating system, you can use the same water repeatedly. The filters inside the separator tank can be easily replaced, guaranteeing an adequate filtering barrier.

Advantages

- The system allows you to recycle water and therefore the contaminated water does not get into the drainage system;
- Less water used means more money is saved, and more savings made with handling and washing time;
- Easily transportable, easy to assemble and disassemble;
- Innovative design and the modular construction system make our wash bays suitable for several indoor and outdoor uses;
- Environmentally friendly.



SUITABLE FOR THESE SECTORS



rental companies



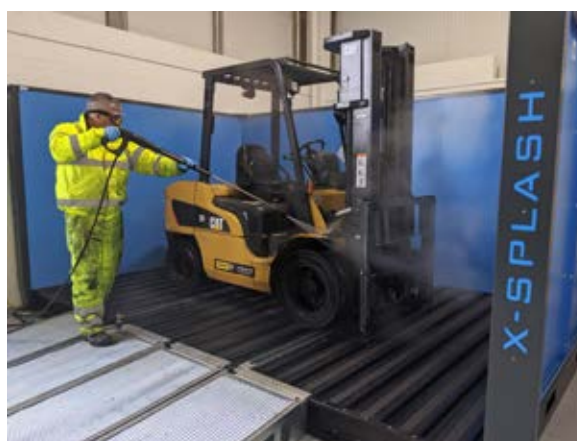
mechanical workshops



contractors



industrial applications



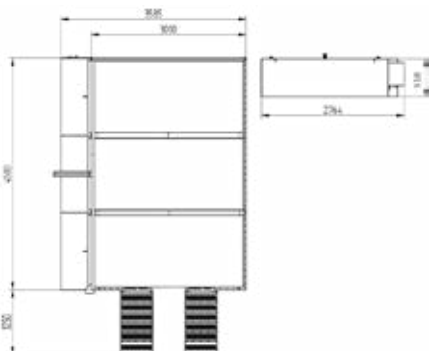
Technical Specifications - X-Splash - X-2	
Useful dimension mm.	3000x3000
Total dimension mm.	3000 x 4850
Filtration tank dimension mm.	(X-10) 2810 x 740 x 990h
Maximum load capacity kg	5.000
Walls standard height mm.	2200
Total dry weight of the bay kg	1290
Diaphragm pump	0,054 kW - 17lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-10
Option filtering system	X-15, X-30, X-60
Option maximum load capacity kg	10.000/20.000

X-SPLASH



Mod.
X-10

1000 liters'
capacity



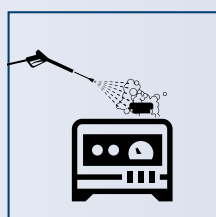
100% water
recycling



water saving

X-3

WASH RACK



A self-contained, environmentally friendly, cleaning system for construction plant and equipment.

X-3

How it works:

The wash bay is made with a diamond tread ramp and a 2200mm high wall. The wash bay floor pan directs the dirty water and sludge from the equipment being cleaned to a solids collection tank at the rear of the wash bay. Inside the rear tank, a float switch activates a diaphragm pump which delivers the dirty water into the filtration tanks to start the filtration process. After the water has been through this process, a booster pump delivers the water again to your pressure washer. Through the filtrating system, you can use the same water repeatedly. The filters inside the separator tank can be easily replaced, guaranteeing an adequate filtering barrier.

Advantages

- The system allows you to recycle water and therefore the contaminated water does not get into the drainage system;
- Less water used means more money is saved, and more savings made with handling and washing time;
- Easily transportable, easy to assemble and disassemble;
- Innovative design and the modular construction system make our wash bays suitable for several indoor and outdoor uses;
- Environmentally friendly.



SUITABLE FOR THESE SECTORS



rental companies



contractors



industrial applications



Technical Specifications - X-Splash - X-3	
Useful dimension mm.	3000x4500
Total dimension mm.	3590 x 5750
Filtration tank dimension mm.	(X-10) 2810x 740 x 990h
Maximum load capacity kg	5.000
Walls standard height mm.	2200
Total dry weight of the bay kg	1720
Diaphragm pump	0,054 kW - 17lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-10
Option filtering system	X-15, X-30, X-60
Option maximum load capacity kg	10.000/20.000

X-SPLASH



Mod.
X-10

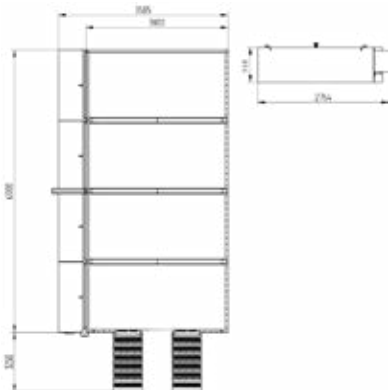
1000 liters'
capacity



100% water
recycling

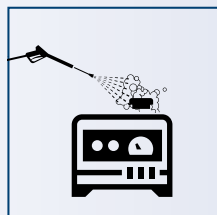


water saving



X-4

WASH RACK





A self-contained, environmentally friendly, cleaning system for construction plant and equipment.

X-4

How it works:

It's composed of a wash bay with diamond tread ramps and 2200mm high walls. The wash bay floor pan directs the dirty water and sludge from the equipment being cleaned to a Solids Collection tank at the rear of the wash bay. Inside the rear tank a float switch activates a diaphragm pump that delivers the dirty water into the Filtration Tank to commence the filter process. After the water has been through the filter process a booster pump delivers the water again to your pressure washer. Through the filtering system it allows you to use the same water repeatedly. The filters inside the separator tank can be easily replaced guaranteeing an adequate filtering barrier.

Advantages

- The system allows you to recycle water and therefore the contaminated water does not get into the drainage system.
- Less water consumption means money is saved and savings are also gained in handling and washing time.
- Easily transportable, easy to assemble and disassemble
- Innovative design and modular construction system make our wash bays suitable for several indoor and outdoor uses.
- Environmentally friendly



SUITABLE FOR THESE SECTORS



rental companies



mechanical workshops



contractors



industrial applications



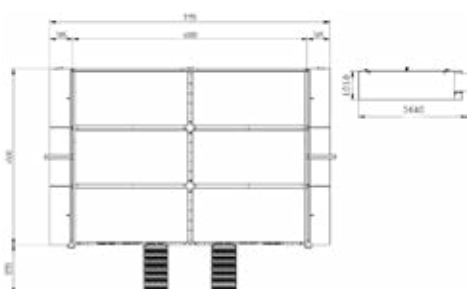
Technical Specifications - X-Splash - X-4	
Useful dimension mm.	3000x6000
Total dimension mm.	3590 x 7250
Filtration tank dimension mm.	(X-10) 2810 x 740 x 990h
Maximum load capacity kg	5.000
Walls standard height mm.	2200
Total dry weight of the bay kg	2240
Diaphragm pump	0,054 kW - 17lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-10
Option filtering system	X-15, X-30, X-60
Option maximum load capacity kg	10.000/20.000

X-SPLASH



Mod.
X-30

3000 liters'
capacity



100% water
recycling



water saving

X-6

WASH RACK





A self-contained, environmentally friendly, cleaning system for construction plant and equipment. It comes as standard with heavy duty automatic X-30 filtration systems.



How it works:

The wash bay is made with a diamond tread ramp and a 2200mm high wall. The wash bay floor pan directs the dirty water and sludge from the equipment being cleaned to a solids collection tank at the rear of the wash bay. Inside the rear tank, a float switch activates a diaphragm pump which delivers the dirty water into the filtration tanks to start the filtration process. After the water has been through this process, a booster pump delivers the water again to your pressure washer. Through the filtering system, you can use the same water repeatedly. The filters inside the separator tank can be easily replaced, guaranteeing an adequate filtering barrier.

Advantages

- The system allows you to recycle water and therefore the contaminated water does not get into the drainage system;
- Less water used means more money is saved, and more savings made with handling and washing time;
- Easily transportable, easy to assemble and disassemble;
- Innovative design and the modular construction system make our wash bays suitable for several indoor and outdoor uses;
- Environmentally friendly.



SUITABLE FOR THESE SECTORS



rental companies



mechanical workshops



contractors

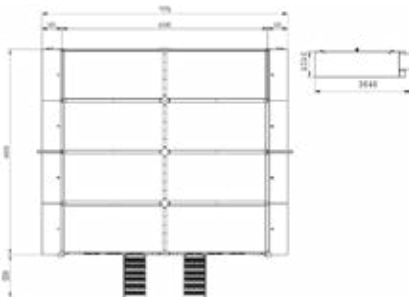


industrial applications



Technical Specifications - X-Splash - X-6	
Useful dimension mm.	6000x4500
Total dimension mm.	7180x5750
Filtration tank dimension mm.	(X-30) 3650 x 1010 x 2160h
Maximum load capacity kg	5.000
Walls standard height mm.	2200
Total dry weight of the bay kg	3400
Delivery pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-30
Option filtering system	X-15, X-60
Option maximum load capacity kg	10.000/20.000

X-SPLASH



100% water recycling

Mod. X-30

3000 liters' capacity



water saving



X-8

WASH RACK



A self-contained, environmentally friendly, cleaning system for construction plant and equipment. It comes as standard with heavy duty automatic X-30 filtration systems.

X-8

How it works:

The wash bay is made with a diamond tread ramp and a 2200mm high wall. The wash bay floor pan directs the dirty water and sludge from the equipment being cleaned to a solids collection tank at the rear of the wash bay. Inside the rear tank, a float switch activates a diaphragm pump which delivers the dirty water into the filtration tanks to start the filtration process. After the water has been through this process, a booster pump delivers the water again to your pressure washer. Through the filtrating system, you can use the same water repeatedly. The filters inside the separator tank can be easily replaced, guaranteeing an adequate filtering barrier.

Advantages

- The system allows you to recycle water and therefore the contaminated water does not get into the drainage system;
- Less water used means more money is saved, and more savings made with handling and washing time;
- Easily transportable, easy to assemble and disassemble;
- Innovative design and the modular construction system make our wash bays suitable for several indoor and outdoor uses;
- Environmentally friendly.



SUITABLE FOR THESE SECTORS



rental companies



contractors



industrial applications



Technical Specifications - X-Splash - X-8	
Useful dimension mm.	6000x6000
Total dimension mm.	7180x7250
Filtration tank dimension mm.	(X-30) 3650 x 1010 x 2160h
Maximum load capacity kg	5.000
Walls standard height mm.	2200
Total dry weight of the bay kg	4370
Delivery pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-30
Option filtering system	X-15, X-60
Option maximum load capacity kg	10.000/20.000

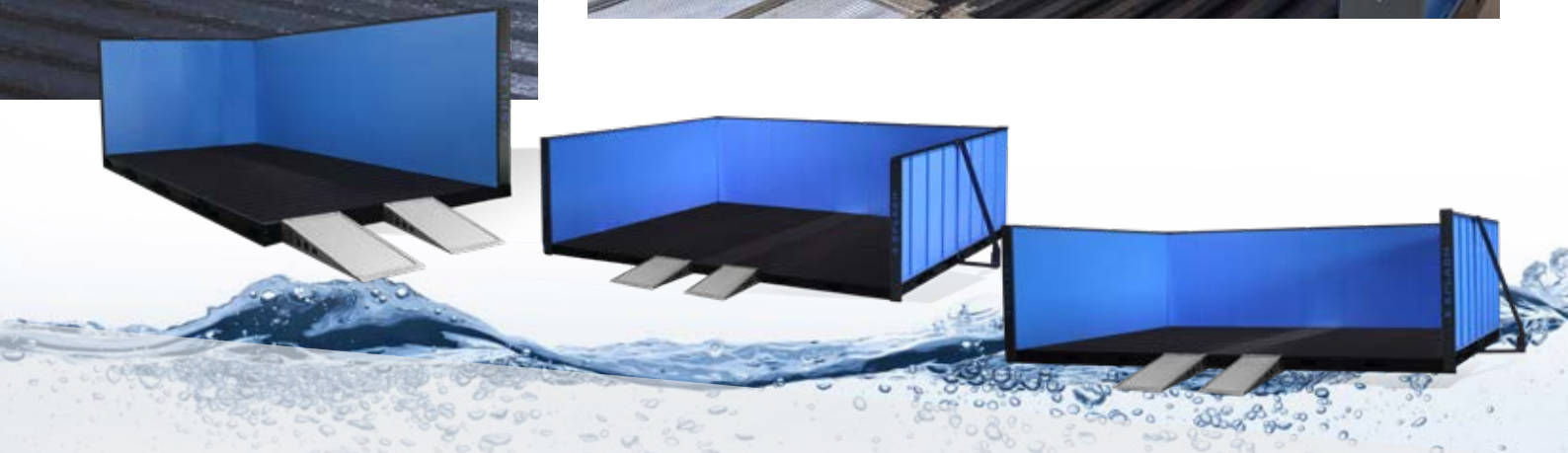


UH TOOL HIRE LTD
0115 944 4401

H5023

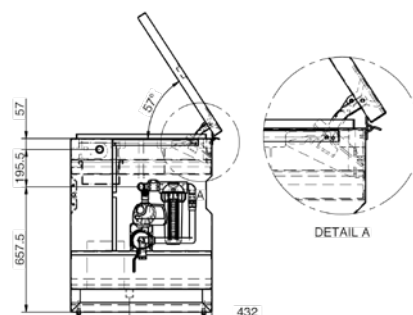
UH TOOL HIRE LTD
0115 944 4401

X-SPLASH



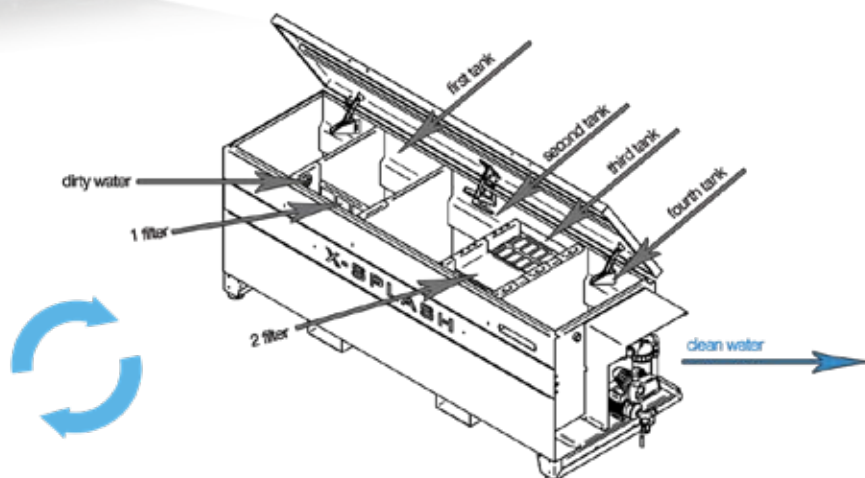
WASH RACK

X-TECH



Mod.
X-10

1000 liters'
capacity



X-10

SEPARATION TANK SOLUTIONS

Sewage treatment systems

- Dirty water is pumped into the separation tank
- Is collected most of the mud
- Increase the filtering surface
- The filters separate the oil from water and hydrocarbons
- Water in the system is also cleaned up with replenished water from the mains, to cover any water lost
- The booster pump delivers the new clear water to your pressure washer



X-10



The water from the wash bay is typically made up by the presence of various types of pollutants, such as suspended solids (sands, muds, gravel, stone chips and other residues), detergents, oils and hydrocarbons. For this reason, the treatment of such waste water requires a series of filters needs to remove the pollutants.

In the Light Filtration Tank **X-10**, the first treatment is a sand trap, where through gravity, a separation of all those compounds which have a specific weight, different to water, will sink. These include sand, mud, gravel. They will sink and accumulate at the bottom of the tank, whilst the lighter materials (oils, etc) float to the top. The outlet pipe sucks the water from the middle point of the separator tank, preventing any overflow of the separated pollutants at the top and the bottom of the tank.

The second filtration step is to remove oil and hydrocarbons. This is done due to the gravity separation and later with an absorption filter, able to intercept the oil and hydrocarbons from the water. After this, the recycled water is pumped into the final separator tank and is considered clean and ready to be used again to wash down other equipment.

It should be remembered that the drains must be carried out by competent and authorised companies, as this type of waste can be considered dangerous, and must be disposed of as such.



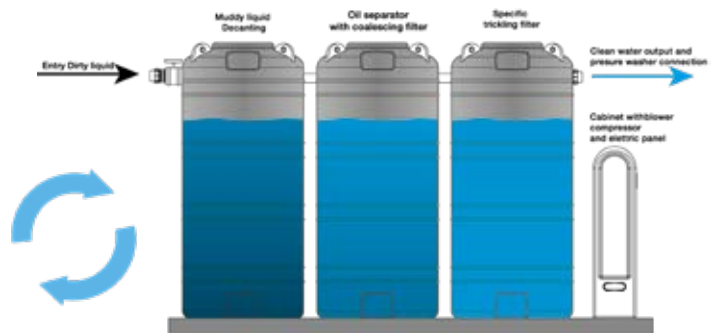
Technical Specifications X-10	
Dimension	2810 x 740 x 990h mm
Dry Weight	320 kg
Suction pump	0,054 kW - 17lt/min
Booster pump	0,37 kW - 5 to 40 lt/min

X-TECH



Mod.
X-30

3000 liters'
capacity



X-30

SEPARATION TANK SOLUTIONS *Sewage treatment systems*

- Contaminated water enters
- Dirty water will settle
- Removal of oils and hydrocarbons through the lamellar filter
- Final Filter
- The booster pump delivers the new clear water to the HP cleaner

✓ **Optional: Biological Treatment**



X-30

SEPARATION and SEDIMENTATION

The Decantation Tank X-30 is a set of 3 1000L Tanks, able to separate mud, oil and hydrocarbons due to a system of filtration and sedimentation.

The first treatment stage consists of a sedimentation basin in which a gravimetric separation process takes place. The compounds with different specific weights to water: sand, mud, gravel, settle and accumulate at the bottom of the tank, while lighter ones (oils, fat, etc) rise to the surface. The second treatment step consists of de-oiling. Due to the presence of coalescing filter oils and residual hydrocarbons, they are combined on the same filter as well as separating the waste-water. Finally, the clean water is filtered through a fine filter element to be reused in the pressure-washer to close the circuit. The booster pump to deliver the clean water to the pressure-washer at the end.

It should be remembered that the drains must be carried out by competent and authorised companies, as this type of waste can be considered dangerous, and must be disposed of as such.

ACTIVE PURIFICATION WITH BIOLOGICAL TREATMENT

These tanks can also be equipped with active purification systems. We use a heavy-duty filtration system where the wastewater is subjected to an intensive biological treatment which uses specific harmless bacteria to break organic substances dissolved in the water. The waste water is subjected to an intensive biological treatment in which, through the development of specific bacterial strains, kills dissolved organic matter and detergents. Microbial powders within the oxidation tank, a pre-set amount of micro-organisms is dosed through a dozer. The dosing pump is pre-installed and the setting is done in for the customer's need.

The transportable purifiers X-Splash Heavy Duty use a biological purification system through effective mixtures of microbial powders, creating purified wastewater suitable for reuse without any special waste.

The Filtration Tanks are dispatched already assembled into a stainless-steel frame for ease of handling and installation. The electrical components necessary for this Heavy Filtration Tank (control panel - blower and air compressor)

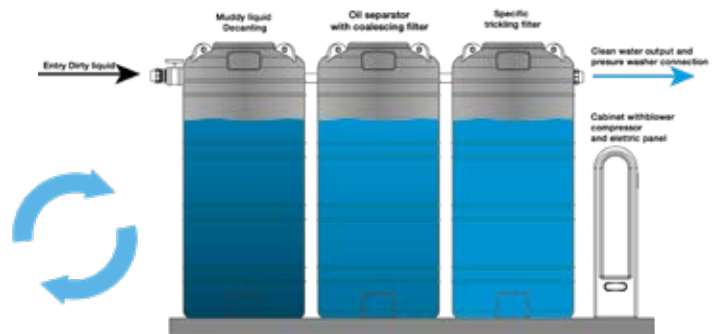
Technical Specifications X-30	
Dimension	3650 x 1010 x 2160h mm
Dry Weight	640 kg
Suction pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min

X-TECH



Mod.
X-60

6000 liters'
capacity



X-60

SEPARATION TANK SOLUTIONS

Sewage treatment systems

- Contaminated water enters
- Dirty water will settle
- Removal of oils and hydrocarbons through the lamellar filter
- Final Filter
- The booster pump delivers the new clear water to the HP cleaner

✓ **Optional: Biological Treatment**



X-60

SEPARATION and SEDIMENTATION

The Decantation Tank **X-60**, is a set of 3 2000L tanks able to separate mud, oil and hydrocarbons due to a system of filtration and sedimentation.

The first treatment stage consists of a sedimentation basin in which a gravimetric separation process takes place. The compounds with different specific weights to water: sand, mud, gravel, settle and accumulate at the bottom of the tank, while lighter ones (oils, fat, etc) rise to the surface. The second treatment step consists of de-oiling. Due to the presence of coalescing filter oils and residual hydrocarbons, they are combined on the same filter as well as separating the waste-water. Finally, the clean water is filtered through a fine filter element to be reused in the pressure-washer to close the circuit. The booster pump to deliver the clean water to the pressure-washer at the end.

It should be remembered that the drains must be carried out by competent and authorised companies, as this type of waste can be considered dangerous, and must be disposed of as such.

ACTIVE PURIFICATION WITH BIOLOGICAL TREATMENT

These tanks can also be equipped with active purification systems. We use a heavy-duty filtration system where the wastewater is subjected to an intensive biological treatment which uses specific harmless bacteria to break organic substances dissolved in the water. The waste water is subjected to an intensive biological treatment in which, through the development of specific bacterial strains, kills dissolved organic matter and detergents. Microbial powders within the oxidation tank, a pre-set amount of micro-organisms is dosed through a dozer. The dosing pump is pre-installed and the setting is done in for the customer's need.

The transportable purifiers X-Splash Heavy Duty use a biological purification system through effective mixtures of microbial powders, creating purified wastewater suitable for reuse without any special waste.

The Filtration Tanks are dispatched already assembled into a stainless-steel frame for ease of handling and installation. The electrical components necessary for this Heavy Filtration Tank (control panel - blower and air compressor)

Technical Specifications X-60	
Dimension	4380 x 1260 x 2680h mm
Dry Weight	1000 kg
Suction pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min



BOOT WASH **X-BOOT**

Boot Wash X-Boot

In muddy environments there is the need to keep areas clean, such as offices, control rooms, and after work to clean the shoes.

The only option available on the market was a disposable water system, this throws away thousands of litres of water, contaminated water.

W-TECHNO introduces the X-Boot

Recycling 100% of water, reusing the water again and again

Saving 20,000L per week

You are saving so much more water; you can clean your boots, and you can reduce contamination on site.



100% recycling water

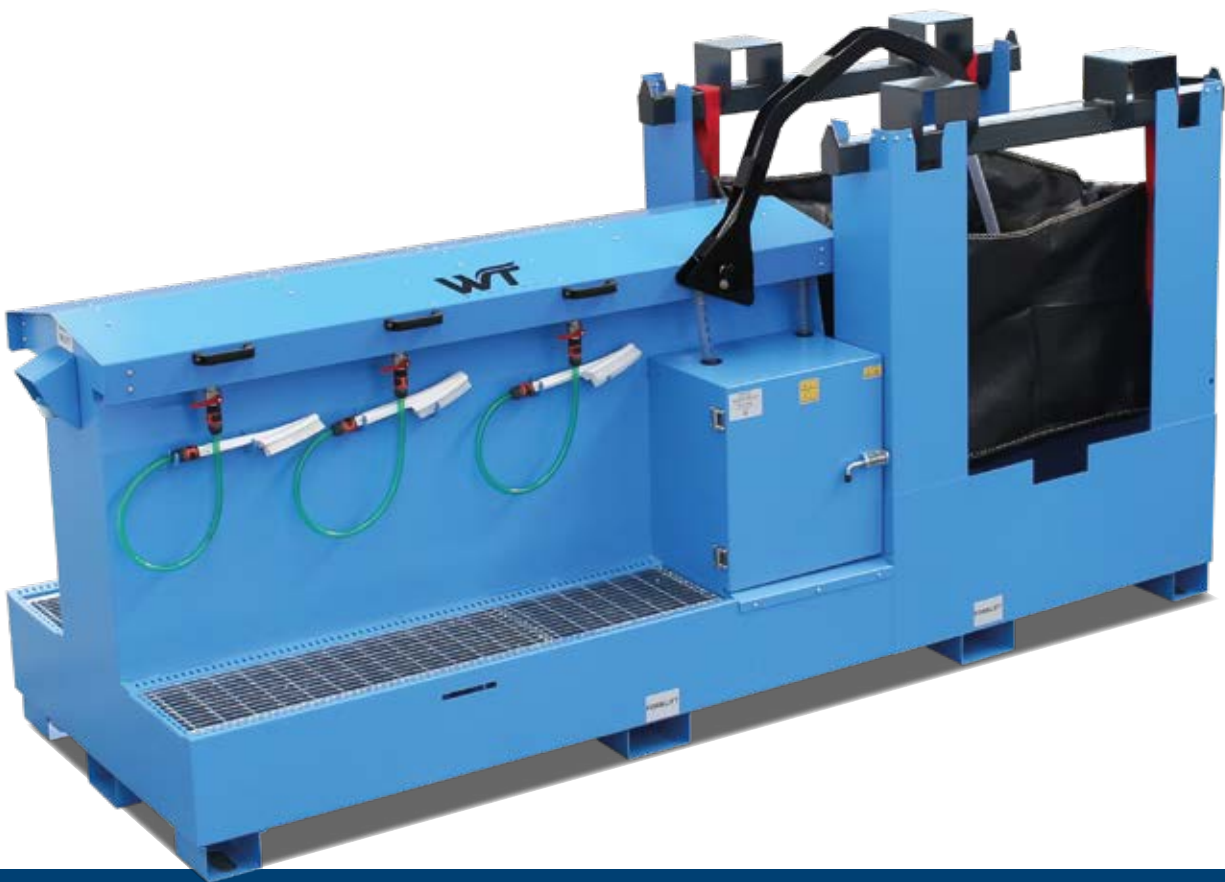


Saving 20,000L per week



X-BOOT

AUTOMATIC FILTRATION



BOOT WASH



X-BOOT

AUTOMATIC FILTRATION

The X-Boot with automatic filtration can recycle 100% of water whilst you clean your footwear. This Boot Wash is able to recycle the water used, to reuse the water as many times as possible, and collect the mud and contaminants for easy disposal. With 7 washing stations, the X-Boot is ideal for working construction sites.



100%
water recycling



Water saving
20.000 l/week



Long maintenance
intervals



Big Bag Geo-Textile fabric 190 gr/sqm

X-Boot automatic filtration				
Dimensions	mm	L	W	H
		3430	1185	1595
Dry Weight	Kg	580		

Big Bag Geo-Textile fabric 190 gr/sqm				
Dimensions	mm	L	W	H
		1000	1000	700
Filtering capacity	l/sqm/sec	30		
Lifting straps 30 cm long	nr.	4		

CEE electric main plug	16A 230V
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X-BOOT

BASIC WITH DECANTATION



BOOT WASH



X-BOOT

BASIC WITH DECANTATION

The X-Boot Basic with Decantation is equipped with 4 washing. The settling system allows you to separate the water from the sludge and make them stay on the bottom of the tank, this is easy to dispose of and ensures a cleaner working site.



100%
water recycling



Water saving
20.000 l/week



Long maintenance
intervals



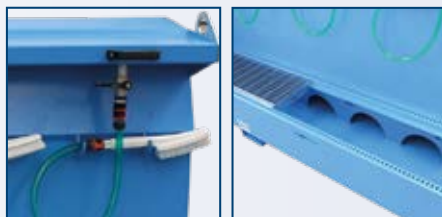
X-Boot basic with decantation				
Dimensions	mm	L	W	H
		2020	770	1204
Dry Weight	Kg	580		

CEE electric main plug	16A 230V
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X-BOOT BASIC



BOOT WASH



X-BOOT BASIC

The X-Boot Basic has 4 washing stations equipped with brushes to clean boots well. The system is equipped with removal grids, providing easy cleaning.



easy to install



Long maintenance intervals

X-Boot basic

Dimensions	mm	L	W	H
		2020	770	1204
Dry Weight	Kg	580		

X-CONSUMABLE



X-CHLORO

Long Lasting Chlorine Tablets are slow dissolving stabilized tablets for use in a X-Chlor.Disp floating dispenser. Used to control algae and bacteria while increasing the longevity of chlorine.



X-MICRO

Powdered product with non-pathogenic microorganisms on a cereal basis for the biodegradation of hydrocarbons and surfactants.



CHLOR.DISP

Chlorine Tablets floating dispenser for X-CHLORO tablets.



X-FLOCCU

Flocculants Powder, its use is suitable for treatment of waste liquid of water paint or polymer latexes. With the solid-liquid separation, characteristics of flocculating efficiency, formed flock with little viscosity, and excellent dehydration performance appears instantly.



X-FLOCCU

Flocculants Powder, its use is suitable for treatment of waste liquid of water paint or polymer latexes. With the solid-liquid separation, characteristics of flocculating efficiency, formed flock with little viscosity, and excellent dehydration performance appears instantly.



X-CANDLE

Candle Filters, 80 micron high filtration textile filter cartridge, suitable for all models of booster pumps.



X-FLOCCU

Flocculants Powder, its use is suitable for treatment of waste liquid of water paint or polymer latexes. With the solid-liquid separation, characteristics of flocculating efficiency, formed flock with little viscosity, and excellent dehydration performance appears instantly.



BIG BAG
Geo-Textile fabric 190 gr/sqm



X-CANDLE

Candle Filters, 80 micron high filtration textile filter cartridge, suitable for all models of booster pumps.

X-CONSUMABLE



*The W-TECHNO policy is one of continuous improvement.
The company reserves the right to modify the technical specifications and
items described in this catalogue at any time and without notice for technical or commercial reasons.
Product images are shown for information only*



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 **W-TECHNO**
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