



TRIME[®]
Water Treatments



*X-Wash Wash Bay
Water Recycling System*



 **TRIME**[®]



Trime Water Treatments are a company with specialist knowledge in the field of design and manufacture of environmentally friendly wash bays, paint washers and wheel wash bays, all utilising water and in some applications high pressure nebulisers for the rental and hire market. The Company's headquarters 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 and efficient manufacturing process. We have in our team some of the best engineers and technicians currently working in this market sector. Trime Water Treatments have used this skill set to develop a wide range of innovative modern and versatile equipment and solutions which are suitable for use in a range of sectors such as construction, fleet hire and rental companies.

Since Trime Water Treatments was formed the Company has doubled in size and our high quality products are now available through a distributor network across Europe, Asia, Africa, Oceania and latterly the Americas. These distributor service centres are always available to assist customers with any requests they may have.



Trime Water Treatments in its inception period developed a new Eco friendly modular washbay, the X-Wash, to enable operatives within the construction and rental market sectors to wash down their plant, machinery and tools whilst using minimal amounts of water.

Many companies are facing up to social responsibilities on ecology and the X-Wash utilises a closed loop system to recirculate water used to wash down plant, machinery and tools, then filter the dirty water until it is clean enough to feed their pressure washer for the cleaning of more equipment.

This almost 100% use of recycled water gives companies the potential to save money on water useage whilst demonstrating their social responsibility in saving water resources and preventing potential soil contamination.



X-WASH

H5023

Kobalt



Water Recycling System

How does it work?

The **X-Wash** is a closed loop modular section wash down area connected to a Filtration Tank that can recycle up to 100% of the water with the system. The filtration system passes dirty water through several filters which retain heavy substances, hydrocarbons and oils leaving the water clean enough to be reused through a pressure washer.

All variants of the **X-Wash** are composed of a wash bay area and a Filtration Tank. The Wash area is accessible via galvanised anti slip ramps. The high walls reduce the risk of any overspray of contaminated water. The separate Filtration Tank filters the dirty water from the wash area and cleans it of contaminants making it ready to reuse.

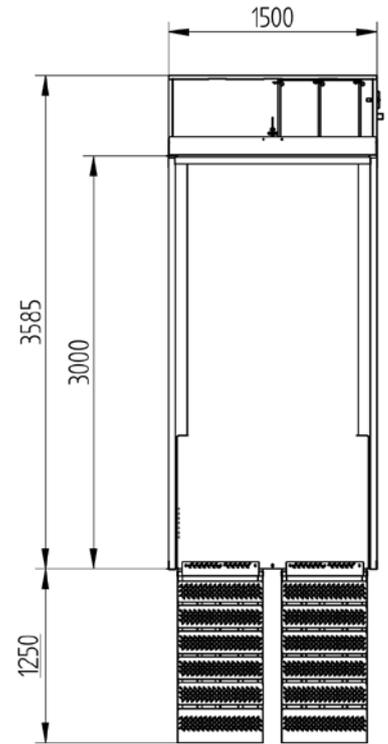
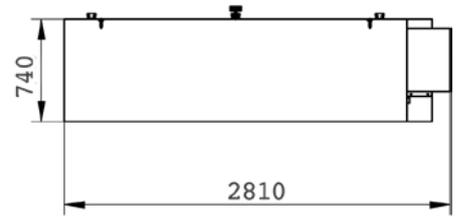
Being a modular system the **X-Wash** options allow customers to choose the most suitable size for their specific application.

	Easily assembled
	Easily disassembled
	Easily moveable
	Transportable
	Recycles 100% of the water used

X-WASH



X-10 filtration tank



X-1

Wash
Bay



100% water
recycled



water saving

Mod.
X-10

1000 litre
capacity





The X-1 is currently the smallest version of the X-Wash available, designed for small plant and tools. It comes as standard with the X-10 Filtration Tank

How it works:

The X-1 wash area is approx. 1500mm wide and 3000mm deep. The wash area is accessible via two galvanised anti-slip ramps. To reduce the risk of overspray the X-1 has 2200mm high walls on three sides.

The washbay floor pan directs dirty water and any solids towards the rear of the wash area and into a solids collection tank. Inside the rear solids collection tank are three dams that retain the solids but allow the water to filter through towards an outlet. At the outlet end of the rear collection tank is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tank into the Filtration Tank.

The Filtration Tank then, through the use, of a number of filters and weirs filters out the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

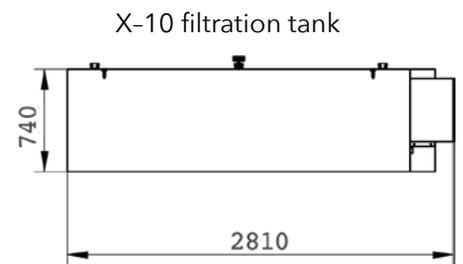
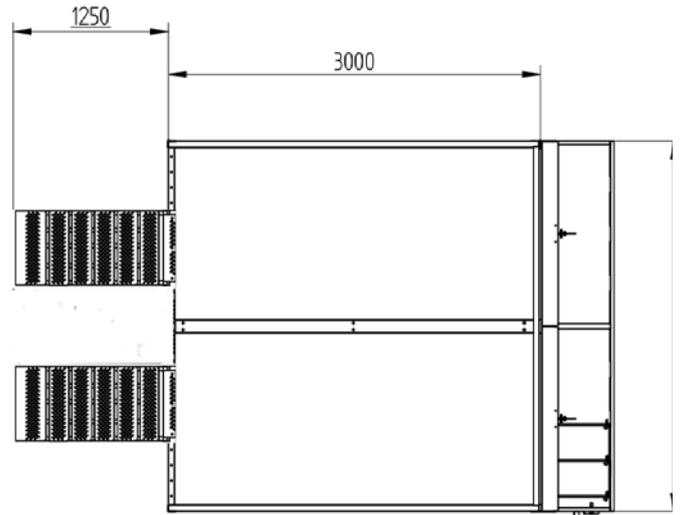
Advantages

- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-1

Useful dimension mm.	1500x3000
Total dimension mm.	1500 x 4835
Filtration tank dimension mm.	(X-10) 2810 x 740 x 990h
Maximum load capacity kg	5000
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

X-WASH



X-2

Wash
Bay



100% water
recycled



water saving

Mod.
X-10

1000 litre
capacity





A self contained environmentally cleaning system for construction plant and equipment. The X-2 comes with the X-10 Filtration Tank as standard.

How it works:

The X-2 wash area is approx. 3000mm wide and 3000mm deep and comprises two modular base sections 1500mm x 3000mm. The wash area is accessible via two galvanised anti slip ramps as standard. To reduce the risk of overspray the X-2 has 2200mm high walls on three sides. More ramps can be ordered as an option.

The washbay floor pan directs dirty water and any solids towards the rear of the wash area and into a solids collection tank. Inside the rear solids collection tank are three dams that retain the solids but allow the water to filter through towards an outlet. At the outlet end of the rear collection tank is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tank into the Filtration Tank.

The Filtration Tank then through the use of a number of filters and weirs filters out the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

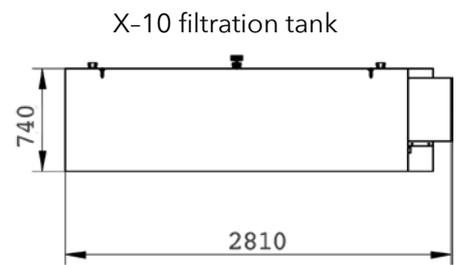
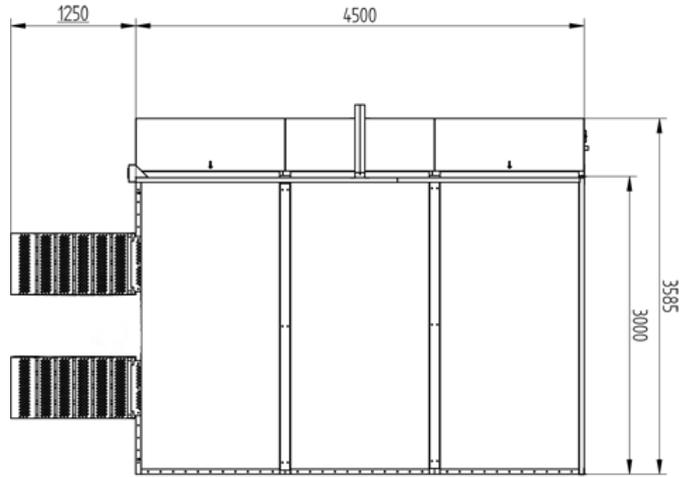
Advantages

- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-2

Useful dimension mm.	3000x3000
Total dimension mm.	3000 x 4835
Filtration tank dimension mm	(X-10) 2810 x 740 x 990h
Maximum load capacity kg	5000
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

X-WASH



X-3

Wash Bay



100% water recycled



water saving

Mod. X-10

1000 litre capacity





A self contained environmentally cleaning system for construction plant and equipment. As standard the X-3 is supplied with the X-10 Filtration Tank

How it works:

The **X-3** wash area is approx. 3000mm wide and 4500mm deep and comprises three modular base sections 1500mm x 3000mm. The wash area is accessible via two galvanised anti slip ramps as standard. To reduce the risk of overspray the X-3 has 2200mm high walls on two sides. More ramps and a third wall can be ordered as an option.

The washbay floor pan directs dirty water and any solids towards the side of the wash area and into a solids collection tank. Inside the solids collection tank are three dams that retain the solids but allow the water to filter through towards an outlet. At the outlet end of the collection tank is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tank into the Filtration Tank.

The Filtration Tank then through the use of a number of filters and weirs filters out the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

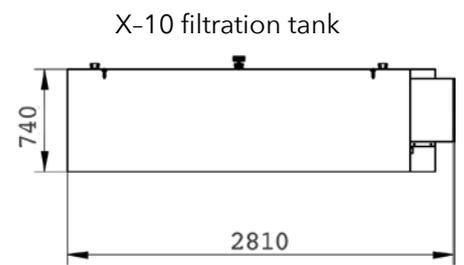
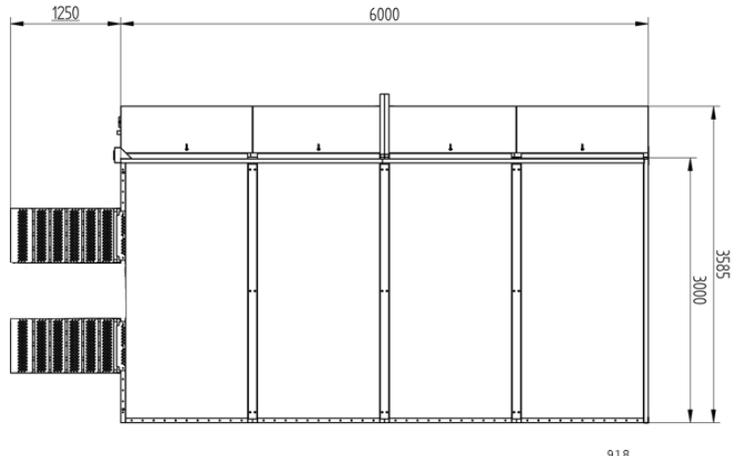
Advantages

- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-3

Useful dimension mm.	3000x4500
Total dimension mm.	3585 x 5750
Filtration tank dimension mm.	(X-10) 2810x 740 x 990h
Maximum load capacity kg	5000
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

X-WASH



X-4

Wash
Bay



100% water
recycled



water saving

Mod.
X-10

1000 litre
capacity





A self contained environmentally cleaning system for construction plant and equipment. In standard format the X-4 is supplied with the X-10 Filtration Tank

How it works:

The X-4 wash area is approx. 3000mm wide and 6000mm deep and comprises four modular base sections 1500mm x 3000mm. The wash area is accessible via two galvanised anti slip ramps as standard. To reduce the risk of overspray the X-4 has 2200mm high walls on two sides. More ramps and a third wall can be ordered as an option.

The washbay floor pan directs dirty water and any solids towards the side of the wash area and into a solids collection tank. Inside the solids collection tank are three dams that retain the solids but allow the water to filter through towards an outlet. At the outlet end of the collection tank is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tank into the Filtration Tank.

The Filtration Tank then through the use of a number of filters and weirs filters out the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

Advantages

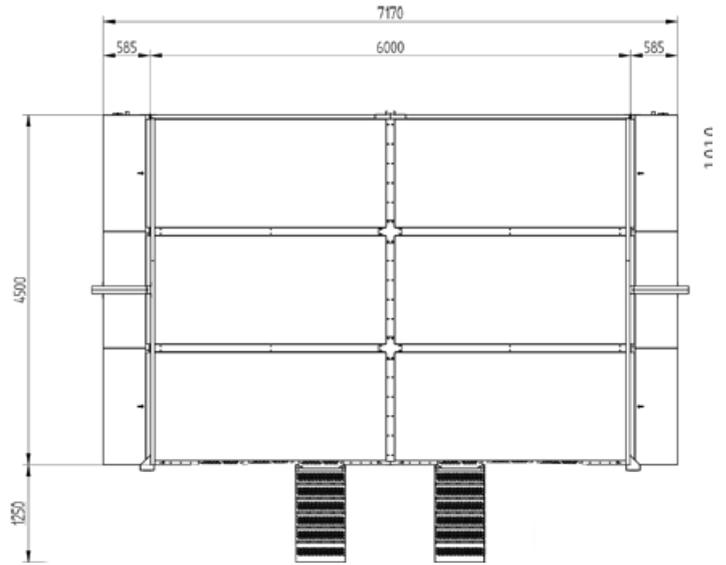
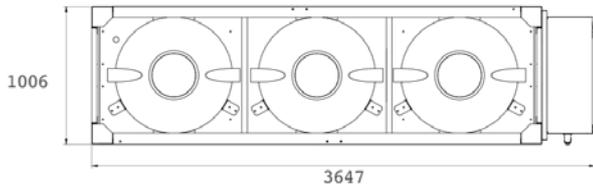
- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-4

Useful dimension mm.	3000x6000
Total dimension mm.	3585 x 7250
Filtration tank dimension mm	(X-10) 2810 x 740 x 990h
Maximum load capacity kg	5000
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

X-WASH

X-30 filtration tank



X-6

Wash Bay



100% water recycled



water saving

Mod. X-30

3000 litre capacity





A self contained environmentally cleaning system for larger construction plant and equipment. It comes as standard with the heavy duty X-30 Filtration Tanks

How it works:

The X-6 wash area is approx. 6000mm wide and 4500mm deep and comprises six modular base sections 1500mm x 3000mm. The wash area is accessible via two galvanised anti slip ramps as standard. To reduce the risk of overspray the X-6 has 2200mm high walls on three sides. More ramps can be ordered as an option.

The washbay floor pan directs dirty water and any solids towards the sides of the wash area and into the solids collection tanks. Inside the solids collection tanks are three dams that retain the solids but allow the water to filter through towards an outlet. At the outlet end of the collection tanks is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tank into the Filtration Tank.

The Filtration Tank then through the use of a number of filters removes the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

Advantages

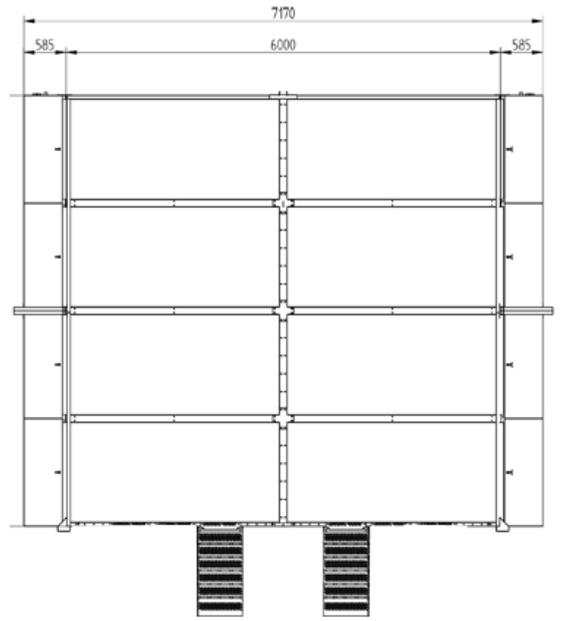
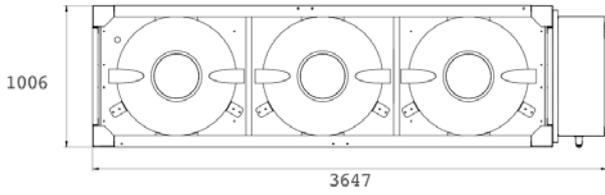
- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-6

Useful dimension mm.	6000x4500
Total dimension mm.	7170x5750
Filtration tank dimension mm	(X-30) 3647 x 1006 x 2160h
Maximum load capacity kg	5000 optional 20,000
Walls standard height mm.	2200
Total dry weight of the bay kg	3400
Diaphragm pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-30

X-WASH

X-30 filtration tank



X-8

Wash Bay



100% water recycled



water saving

Mod. X-30

3000 litre capacity





A self contained environmentally cleaning system for larger construction plant and equipment. It comes as standard with the heavy duty X-30 Filtration Tanks

How it works:

The **X-8** wash area is approx. 6000mm wide and 6000mm deep and comprises eight modular base sections 1500mm x 3000mm. The wash area is accessible via two galvanised anti slip ramps as standard. To reduce the risk of overspray the X-8 has 2200mm high walls on three sides. More ramps can be ordered as an option.

The washbay floor pan directs dirty water and any solids towards the sides of the wash area and into the solids collection tanks. Inside the solids collection tanks are three dams that retain the solids but allow the water to filter through towards an outlet. At the outlet end of the collection tanks is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tanks into the Filtration Tank.

The Filtration Tank then, through the use of a number of filters, removes the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

Advantages

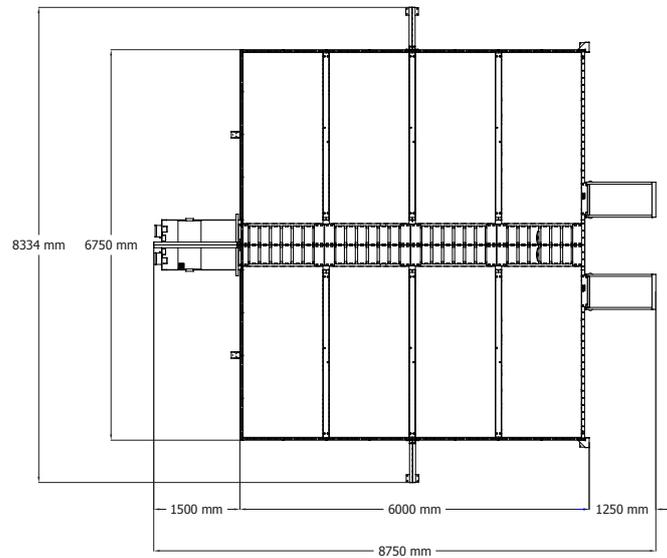
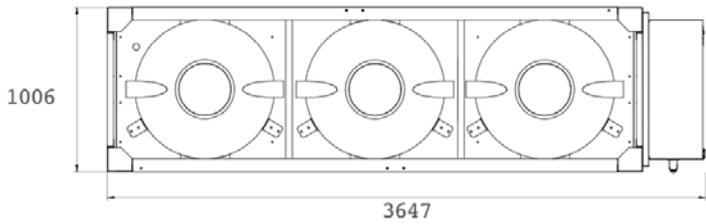
- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-8

Useful dimension mm.	6000x6000
Total dimension mm.	7170x7250
Filtration tank dimension mm	(X-30) 3647 x 1006 x 2160h
Maximum load capacity kg	5000 optional 20,000
Walls standard height mm.	2200
Total dry weight of the bay kg	4370
Diaphragm pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-30

X-WASH

X-30 filtration tank



X-8^{CT}

Wash
Bay



100% water recycled



water saving

Mod.
X-30

3000 litre capacity





A self contained environmentally cleaning system for larger construction plant and equipment. It comes as standard with the heavy duty X-30 Filtration Tanks

How it works:

The **X-8CT** wash area is approx. 6750mm wide and 6000mm deep and comprises eight modular base sections 1500mm x 3000mm and a central solids collection channel. The wash area is accessible via two galvanised anti slip ramps as standard. To reduce the risk of overspray the X-8 has 2200mm high walls on three sides. More ramps can be ordered as an option.

The washbay floor pan directs dirty water and any solids towards the centre of the wash area and into a solids collection tank. The solids collection tank is wide enough to allow a small excavator to remove any debris from the system. The dirty water then filters through towards an outlet. At the outlet end of the collection tank is a float switch. When the water reaches a specified level the float switch activates a diaphragm pump housed in the Filtration Tank. This pump then sucks the liquid out of the solids collection tank into the Filtration Tank.

The Filtration Tank then through the use of a number of filters removes the remaining contaminants and lightly chlorinates the liquid leaving the clean water ready to be reused in the washbay. All the filters are easily removed and replaced to ensure continuity of service.

When the end user operates their pressure washer the booster pump housed within the filtration tank activates to supply the pressure washer with water as required.

Advantages

- The closed loop system allows you to recycle water and prevents contaminated water from entering the drainage system
- Less water is used which means money is saved on water bills and discharge licences
- Easy to transport and assemble
- Modular design allows for greater flexibility to meet customer specific applications
- Environmentally friendly

Technical Specifications - X-Wash - X-8CT

Useful dimension mm.	6750x6000
Total dimension mm.	8334x8750
Filtration tank dimension mm	(X-30) 3647 x 1006 x 2160h
Maximum load capacity kg	5000 optional 20,000
Walls standard height mm.	2200
Total dry weight of the bay kg	5950
Diaphragm pump	0,59 kW - 180lt/min
Booster pump	0,37 kW - 5 to 40 lt/min.
Filtering system	X-30



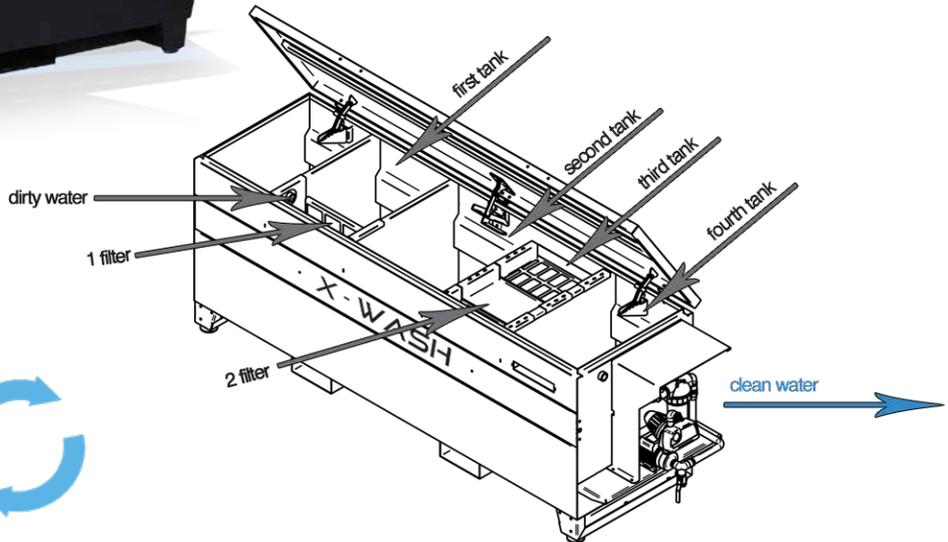
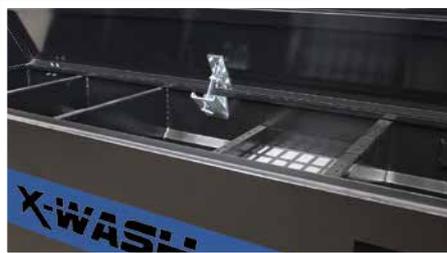
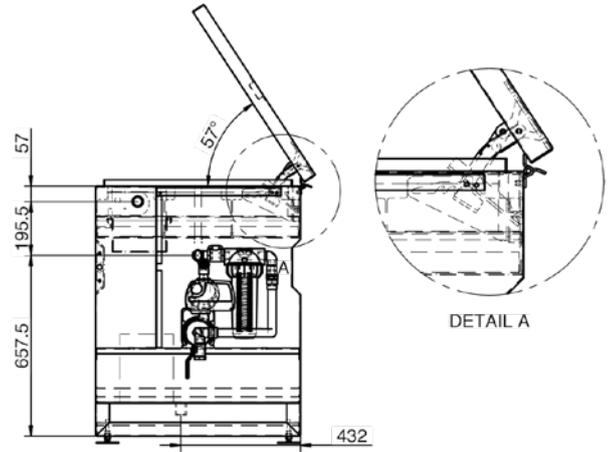
X-WASH



Water Recycling System

X-WASH

WATER RECYCLING INTERCEPTOR SYSTEM



Mod. X-10 1000 litre capacity



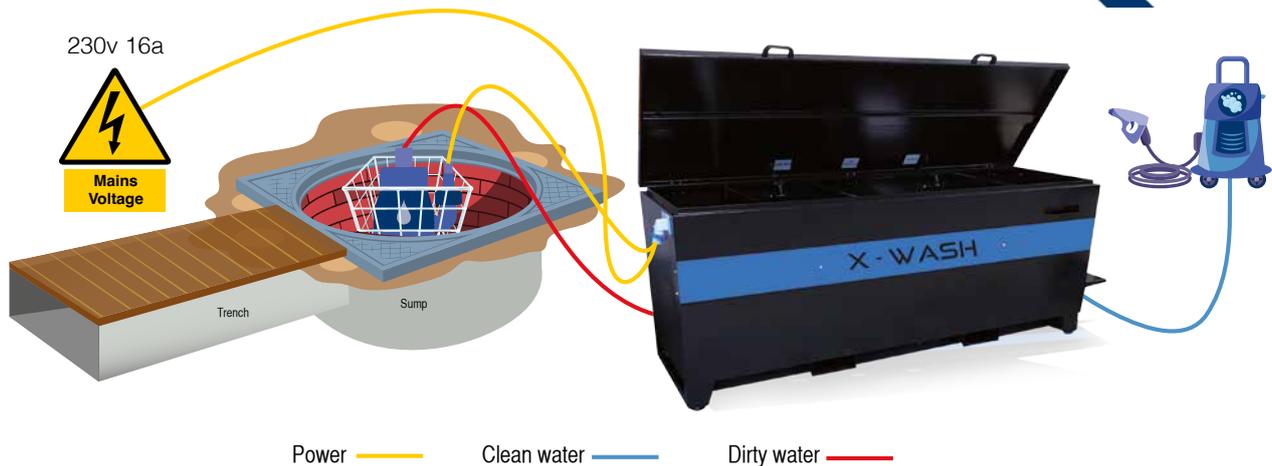
X-10

Separation Tank Solutions

Water Treatment Systems

- Dirty water is pumped from the collection tank into the Filtration Tank
- Increases the filtration surfaces for pollutants in suspension and hydrocarbons
- Slows down the flow of water to allow separation of particulates
- Booster pump to supply clean water to your pressure washer

X-10



The dirty water from the Interceptor collection tank is typically made up by a range of contaminants such as sand and mud in suspension, aggregates and residues of hydrocarbons. This requires a variety of filters to remove these pollutants.

The **X-10** Filtration Tank holds 1000ltrs of water. Dirty water from the Interceptor collection tank is pumped into the first filter, which is the sand trap. This captures the heavier sediment that has been sucked out of the washbay collection tank allowing the water to flow into the first wet chamber of the **X-10**

The water then flows under a baffle into the second wet chamber. Chambers one and two also contain a hydrocarbon mat to absorb any detergents or oily residues.

The water then flows over a weir into the third wet chamber of the X-10 which has a large filter mat to remove any remaining pollutants before the water flows under the baffle into the fourth wet chamber.

In this chamber the water is lightly chlorinated and is considered clean enough to be reused through a pressure washer.

When a pressure washer connected to the system is turned on the booster pump fitted to the **X-10** will activate to supply water at tap pressure to the pressure washer. Water from the fourth wet chamber passes through a final fine filter before entering the pump.

It should be remembered that the solids and contaminants removed from the X-10 should be disposed of with your contaminated waste and disposed of accordingly.

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

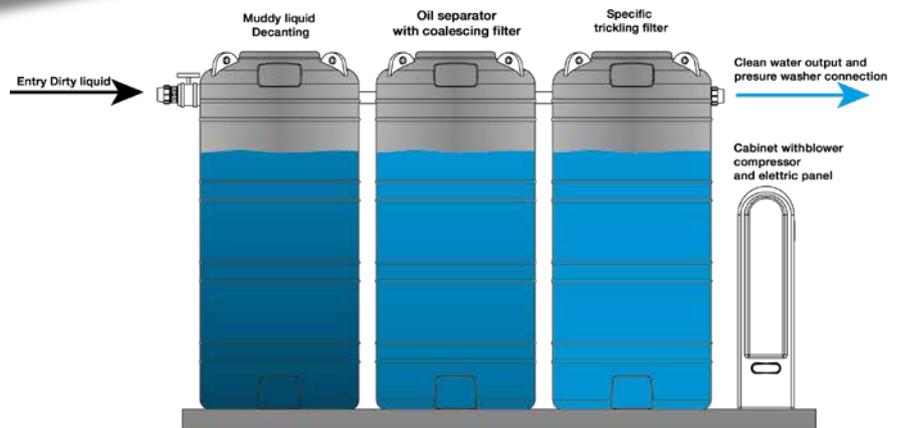
X-WASH

WATER RECYCLING INTERCEPTOR SYSTEM



Mod.
X-30

3000 litre
capacity



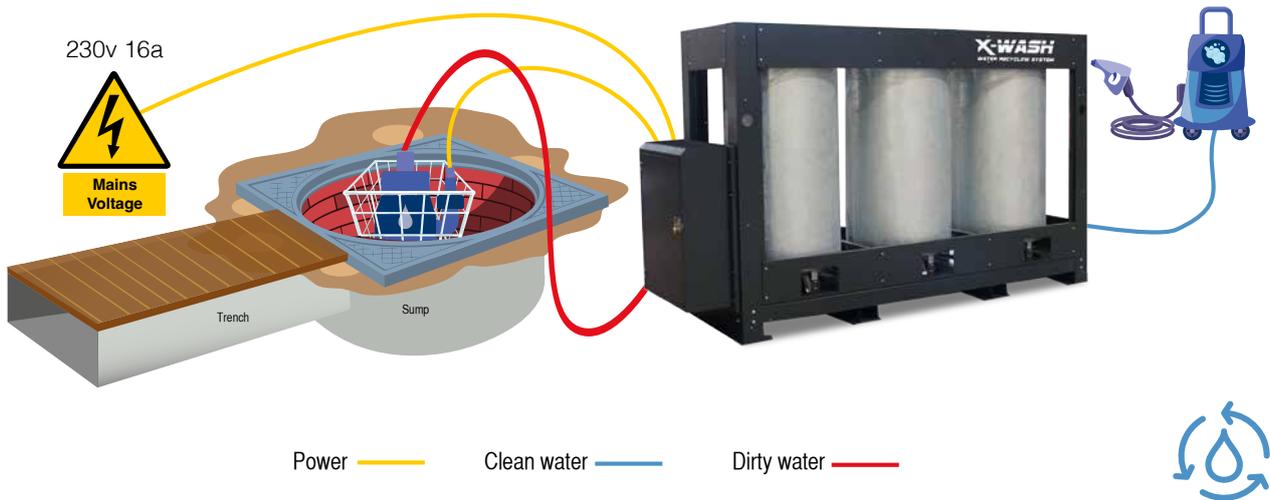
X-30

Separation Tank Solutions

Water Treatment Systems

- Dirty water is pumped from the collection tank into the Filtration Tank
- The dirty water settles
- Pollutants in suspension and hydrocarbons are removed via the lamellar filter
- Slows down the flow of water to allow separation of particulates
- Booster pump to supply clean water to your pressure washer

X-30



The dirty water from the Interceptor collection tank is typically made up by a range of contaminants such as sand and mud in suspension, aggregates and residues of hydrocarbons. This requires a variety of filters to remove these pollutants.

In the **X-30** Filtration Tank each of the three tanks holds 1000ltrs of water, so 3000ltrs in total. The tanks are able to separate mud, oil and hydrocarbons through a system of filtration and the settlement of sedimentation.

The first tank allows heavy sediment to sink to the bottom of the tank whilst the hydrocarbons float to the top. The water is then filtered off to the second tank.

The second tank is where the hydrocarbons are removed via the use of coalescing filtration. The water is then passed through to the third tank which passes the clean lightly chlorinated water through a fine filter as it delivers water via a booster pump to the pressure washer.

The X-30 Tanks are ready assembled in a stainless steel frame for ease of handling and installation.

It should be remembered that the solids and contaminants removed from the X-30 should be disposed of with your contaminated waste and disposed of accordingly.

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

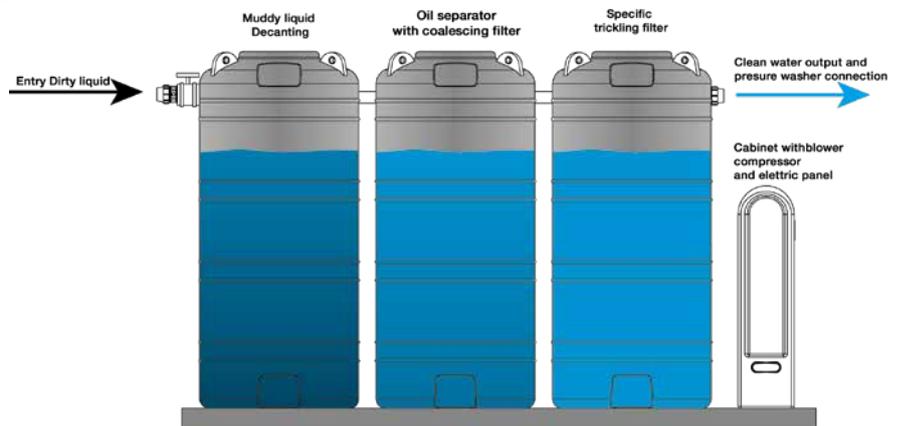
X-WASH

WATER RECYCLING INTERCEPTOR SYSTEM



Mod.
X-60

6000 litre
capacity



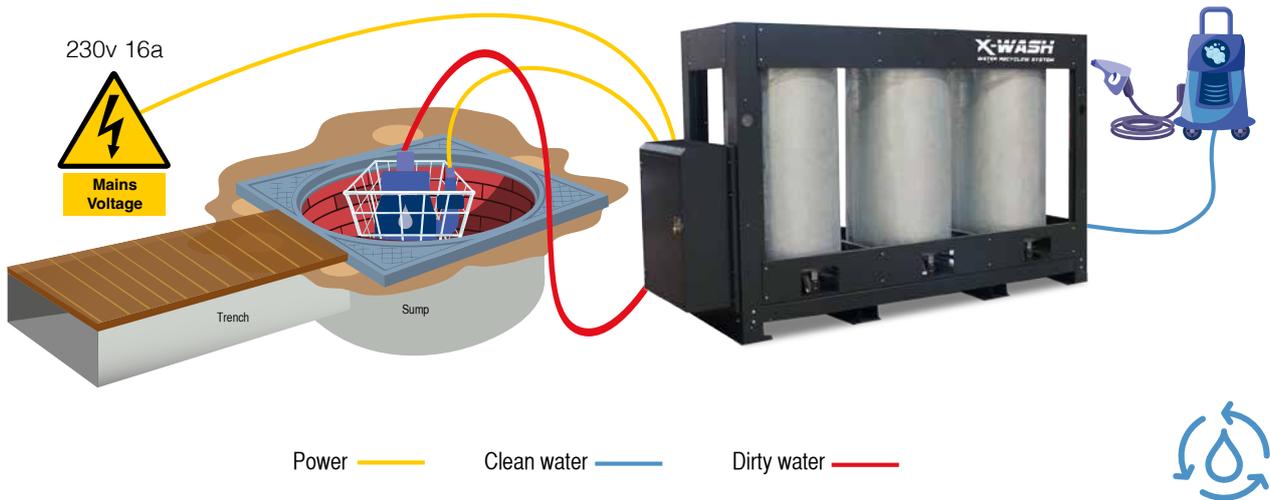
X-60

Separation
Tank Solutions

Water Treatment Systems

- Dirty water is pumped from the collection tank into the Filtration Tank
- Increases the filtration surfaces for pollutants in suspension and hydrocarbons
- Slows down the flow of water to allow separation of particulates
- Booster pump to supply clean water to your pressure washer

X-60



The dirty water from the Interceptor collection tank is typically made up by a range of contaminants such as sand and mud in suspension, aggregates and residues of hydrocarbons. This requires a variety of filters to remove these pollutants.

In the **X-60** Filtration Tank each of the three tanks holds 2000ltrs of water, so 6000ltrs in total. The tanks are able to separate mud, oil and hydrocarbons through a system of filtration and the settlement of sedimentation.

The first tank allows heavy sediment to sink to the bottom of the tank whilst the hydrocarbons float to the top. The water is then filtered off to the second tank.

The second tank is where the hydrocarbons are removed via the use of coalescing filtration. The water is then passed through to the third tank which passes the clean lightly chlorinated water through a fine filter as it delivers water via a booster pump to the pressure washer.

The X-60 Tanks are ready assembled in a stainless steel frame for ease of handling and installation.

It should be remembered that the solids and contaminants removed from the X-60 should be disposed of with your contaminated waste and disposed of accordingly.

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



TRIME[®]
Water Treatments

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 **TRIME**[®]