

How the X-Wash Water Recycling System works

OPERATION

SPECIFICATION

X-Wash model options

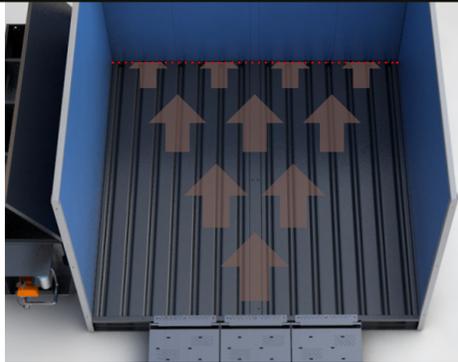
X-WASH

WATER RECYCLING SYSTEM

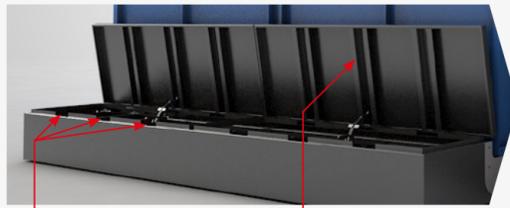


Anti-slip integral floor pan

Water and debris is transported along the troughs in the anti-slip floor of the wash bay area and flows into a solids collection tank



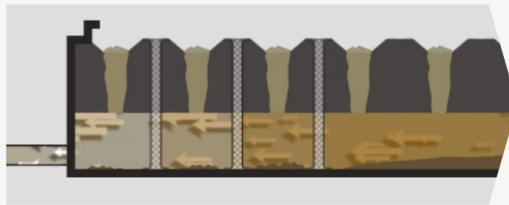
The collection tank



Contains three removable filter mat cages.

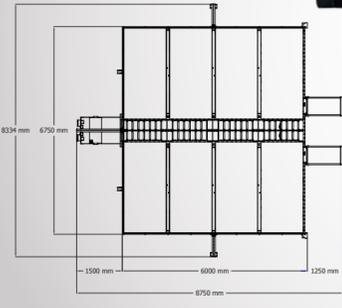
Lids lift up to provide easy access to clean out debris.

Water and debris collect in the solids collection tank

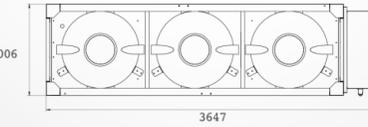


In the removable filter, mats hold back the debris and allow the water to flow towards a micro float switch.

Once the water level reaches a certain point, the switch activates a 12V gulper pump in the first section of the X-10 filtration tank.



X-30 filtration tank



HOW IT WORKS

- ✓ The wash bay is accessed via a set of diamond tread ramps and incorporates 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 in the centre of the wash bay instead of the normal collection tanks at each side of the unit. The tank is 6750mm wide and collects mud, stones and debris from the lateral mounted modular floor pans
- ✓ The wide size of the central collection tank allows customers to empty by excavator bucket rather than manually to save time on maintenance
- ✓ The covering grid can be easily removed during the cleaning operation thanks to a set of lifting hooks that are supplied with the system
- ✓ The central collection tank increases the net cleaning surface from 36sqm to 40.5sqm and the dimension of the bay from 6 x 6.75m.

ADVANTAGES

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

The X-10 filtration tank



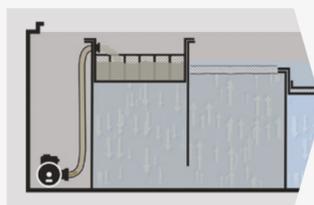
Water is pumped into this tank from the X-Wash collection tank. This tank contains more filters.

X-10 Tank filters



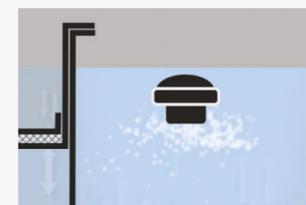
The filtration tank contains four sections with filters to remove oil and fuel deposits.

Filter mats



X-Wash X-10 filtration tank utilises a reusable system of small cages with in-built and replaceable filter mats.

Chlorine float container



Houses chlorine tablet to purify the water and remove any harmful bacteria.



SCAN ME

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<p>All water is RECYCLED savings from £310/month</p>	<p>NO CONTAMINATED WATER is released down the drain</p>	<p>1.3 MILLION LITRES of water saved annually <small>compared to traditional cleaning methods</small></p>	<p>PORTABLE – can be re-sited to suit changes within locations easily</p>	<p>Designed for INTERNAL or EXTERNAL USE</p>
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BENEFITS

Why choose the **X-Wash Water Recycling System**



X-Wash is an ecological, flexible cleaning system for plant and machinery, which prevents soil pollution and contamination of drains, from oil, grease, and other chemical contaminants.

SPECIFICATION

X-Wash model options

X-10 filtration tank

2810

740

1250 3585 3000 1500

X-WASH **X-1**

X-10 filtration tank

2810

740

1250 3585 3000 1500

X-WASH **X-3**

X-10 filtration tank

2810

740

1250 3585 3000 1500

X-WASH **X-4**

ENVIRONMENTAL BENEFITS

- All water is RECYCLED**
- NO CONTAMINATED WATER is released down the drain**
- 1.3M LITRES of water saved annually** compared to traditional cleaning methods

FINANCIAL BENEFITS

- WATER SAVINGS from**
 - £310/month
 - £3,700/year
- Three years of water saving PAYS FOR THE CAPITAL COST** of an X-Wash Wash Bay System
- SAVINGS CONTINUE EACH YEAR for the lifetime of the wash bay system (10 years +)**

X-10 filtration tank

2810

740

1250 3585 3000 1500

X-WASH **X-2**

X-30 filtration tank

3647

1006

1250 3585 3000 1500

X-WASH **X-6**

X-30 filtration tank

3647

1006

1250 3585 3000 1500

X-WASH **X-8**

The X-Wash helps Rental Companies obtain HAE SafeHire Certification for their location and protects them against prosecution under the following environmental Acts:

- ✓ X-Wash helps you meet your obligations under the **Environmental Protection Act 1990** (section 33).
- ✓ **Environmental Permitting (England and Wales) Regulations 2010** (regulations 12 38 (1), (2) and 3): Unauthorised or harmful deposit, treatment or disposal etc of waste & Illegal discharges to air, land and water. Maximum fine, unlimited.
- ✓ The **Water Industry Act 1991**: If, any trade effluent is discharged without consent or authorisation, the occupier of the premises shall be guilty of an offence and liable to a fine up to £1,000,000 and/or imprisonment.



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Trime recommend a walkway of 1m to allow access to filtration tanks for cleaning.
All measurements in mm.

