

X-WASH

WATER RECYCLING INTERCEPTOR SYSTEM

X-30



100% RE-CYCLE

the water you use to
clean your plant and
equipment.

Use the **X-30** with your
interceptor or Wash Down
cleaning system.

X-30 is a self-contained
ecological, flexible water filtration
system, recycling large volumes
of water – ideal for cleaning larger
plant and other equipment.




Used in conjunction with the X-wash or
interceptor cleaning system, it prevents
soil pollution and contamination
of drains, from oil, grease, and other
chemical contaminants, ensuring
maximum efficiency.

The X-30's
chlorinated water will
**SAFELY
CLEAN & SANITISE
YOUR EQUIPMENT**

ENVIRONMENTAL BENEFITS

-  **100% of 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

-  **ANNUAL SAVINGS*** from
 - £310/month
 - £3,700/year
-  **Three years** of annual savings **PAYS FOR THE CAPITAL COST** of an X-30 Unit
-  **SAVINGS CONTINUE EACH YEAR** for the lifetime of the filtration unit (**10 years +**)

*see back page

OVERVIEW

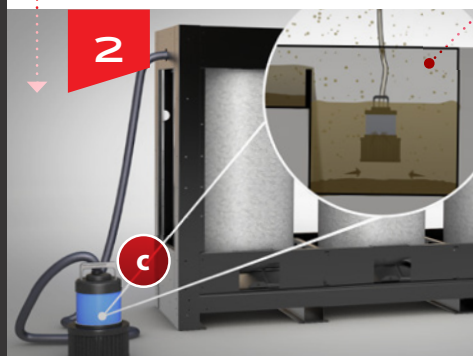
How the X-30 Filtration unit works

- ✓ 3 x 1000 litre tanks
- ✓ 200 litre clean water buffer
- ✓ Filters and collects hydrocarbons and contaminants
- ✓ Improves health and safety
- ✓ Meets the criteria for a certificate of environmental benefit
- ✓ Helps you meet the water recycling requirements of ISO 14000
- ✓ Extends the use of traditional wash areas and interceptor systems
- ✓ Allows traditional wash areas and interceptor systems to be upgraded and improved



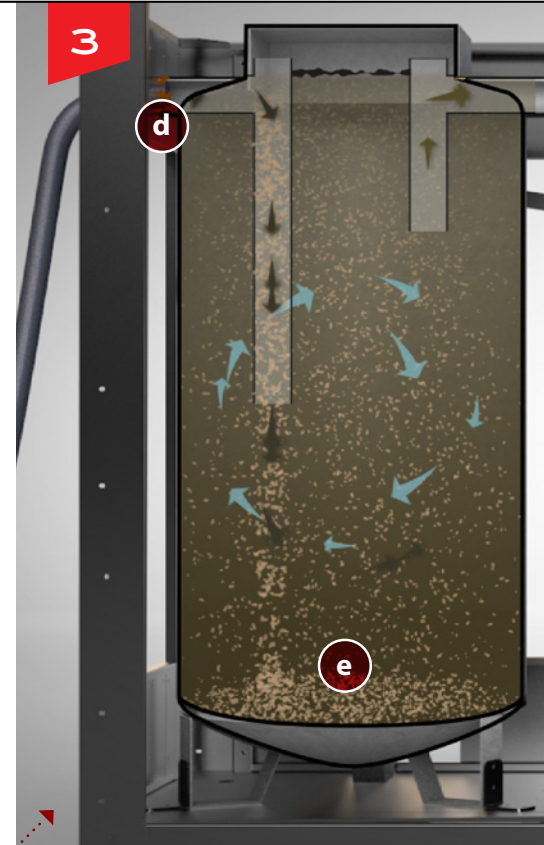
1. Simple installation

- a. Connect the X-30 to the **mains power and water supply**.
- b. Connect the **contaminated water inlet pipe** from the pump. (The pump is powered by the X-30)



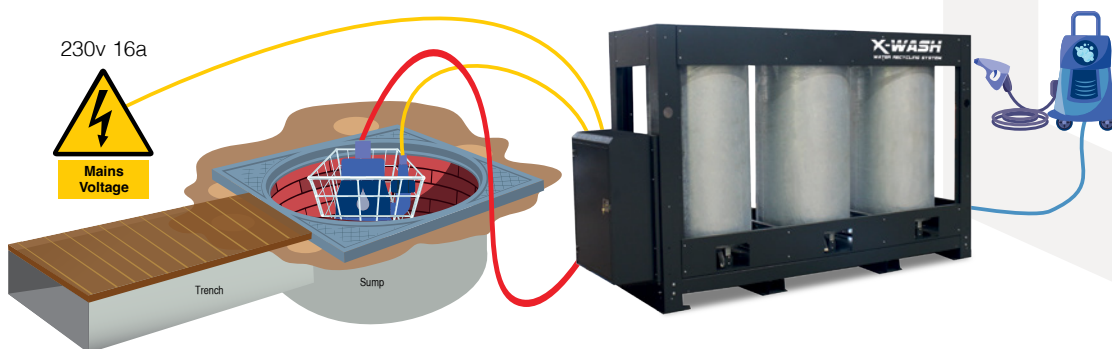
2. Lower pump

- c. The pump is lowered into wash area solids collection tank.



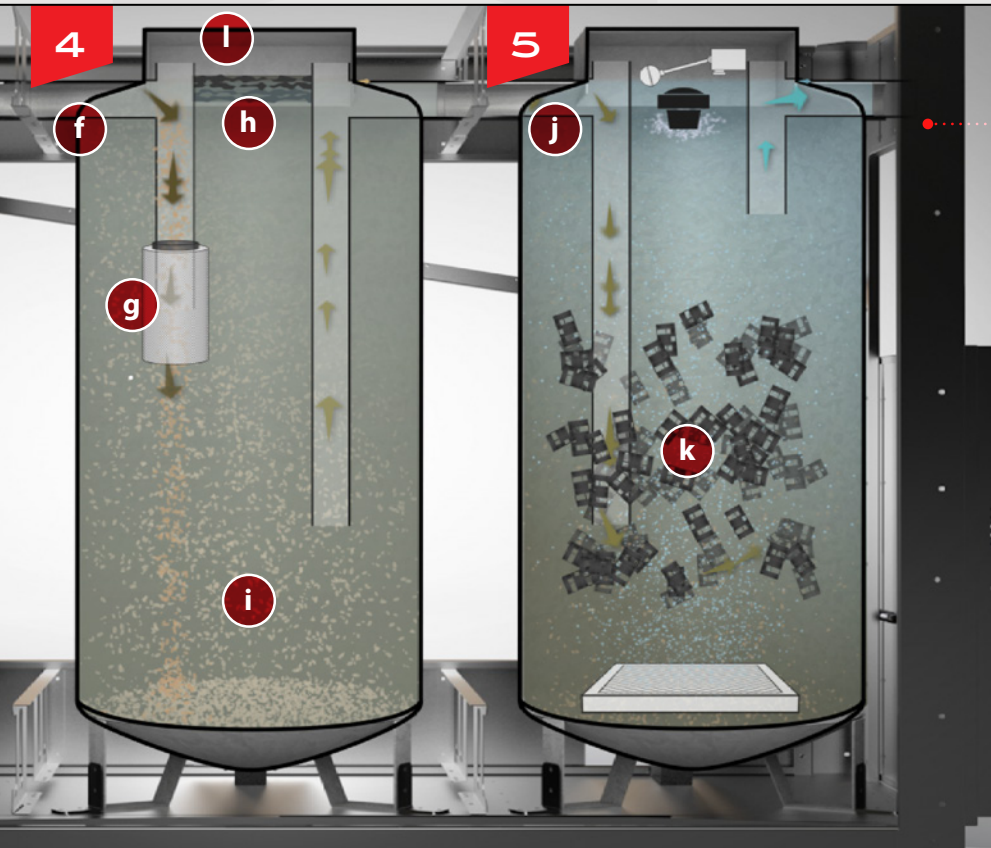
3. First Chamber

- d. Contaminated water enters first filtration chamber via the contaminated water inlet.
- e. The separation system and agitated water encourages **solids to separate and collect at the bottom of the chamber**.



Power — Clean water — Dirty water —





4. Second Chamber

- f.** The water then passes onto the **second chamber**.
- g.** PVC coalescent filter helps **remove oil and hydrocarbon contaminants** from the water. The stainless steel filter is **easy to clean and lasts forever**.
- h.** Oil is collected at the top of the tank above the filter to the third chamber.
- i.** Bacterial mass formed in the first chamber and developed in the second helps **break down any oils and hydrocarbons remaining**.

5. Third Chamber

- j.** Treated water passes into the **final chamber**.
- k.** The **water undergoes an oxygenation process** while passing through the filter elements.
- l.** Water levels in the tank are controlled by the ball valve, **automatically maintaining the correct water level**.
- m.** Any **excess water in the system is released by the overflow**. The released water is from the treated clean water so no contaminated water is released.



6. Water filtered

- n.** The **water is then filtered** through a final filter cartridge.



7. Washer connected to pump

- o.** Customers pressure washer is connected to the X-30 pump. **More water is saved** by using the recycled water for cleaning.

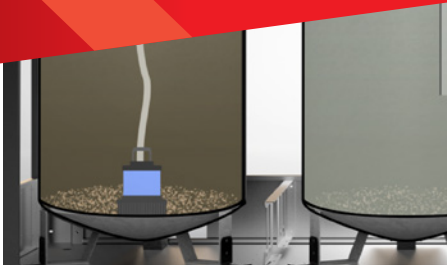
The X-30 filtration unit helps Rental Companies obtain HAE SafeHire Certification for their location and protects them against prosecution under the following environmental Acts:

- ✓ Environmental Protection Act 1990 (section 33)
- ✓ Environmental Permitting (England and Wales) Regulations 2010 (regulations 12 38 (1), (2) & 3)
- ✓ The Water Industry Act 1991

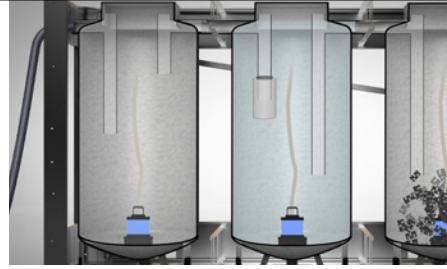
SPECIFICATION		X-30
DIMENSIONS (mm)	L	3650
	W	1010
	H	2160
MINIMUM SPACE NEEDED (mm)	L	5650
	W	3010
TOTAL DRY WEIGHT OF SYSTEM (kg)		640
FILTERING SYSTEM		3 x 1000L filter tank

CLEANING

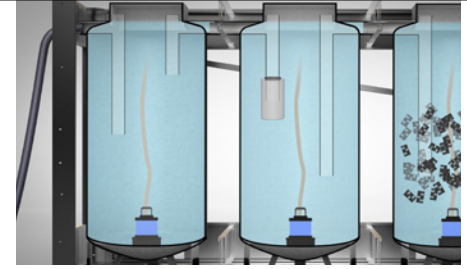
The **X-30** is easy to clean



- Lower the pump into the chamber to pump out the water and debris.



- Refill the system with clean water using a pressure washer.
- Repeat the pump out process for all three chambers.



- Refill the system with clean water.
- The X-30 system has been cleaned.

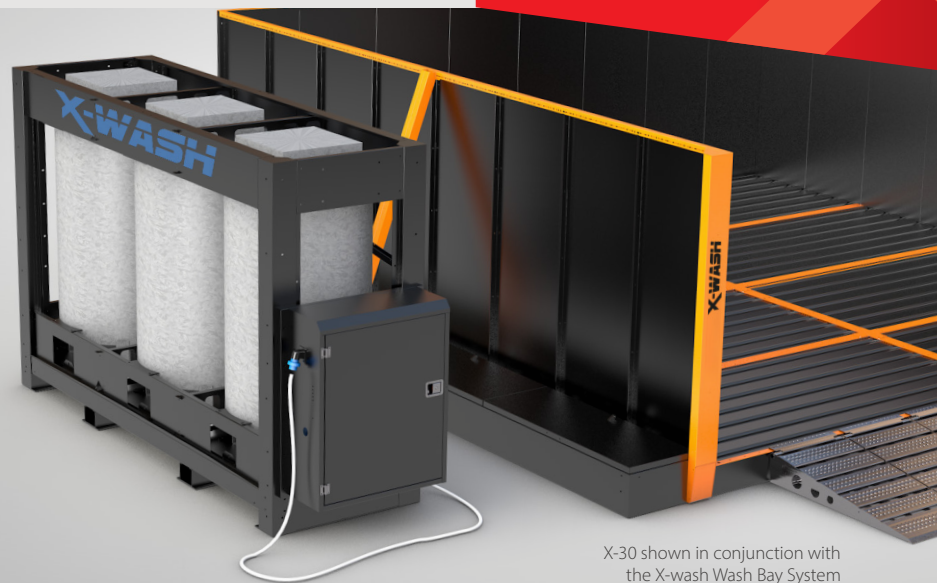
Reduce water usage and charges with the **X-30**

SAVINGS

International award-winning eco-friendly water filtration system gives you annual savings of:

1.3 MILLION LITRES of WATER

£3,727.52 in WATER CHARGES



X-30 shown in conjunction with the X-wash Wash Bay System

X-30 FILTRATION UNIT ANNUAL SAVINGS*	Water usage	Costs			
		Annual costs Based on 4 hours x 25L/min per day @ £0.134p/L	Sewerage cost Charged at 90% of water charge	Discharge Licence	TOTAL COSTS
Standard	1,320,000 L	£1,760	£1,584	£1,310	£4,654
X-30	3,000 L	£19.20	£17.28	£890	£926.48
SAVINGS	1,314,000 L	£1,740.80	£1,566.72	£420	£3,727.52

*All costs correct at time of print



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