

KELLY TANKS

CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

Product Library

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CONCRETE WASHOUTS

ADSORPTION SACK & FRAME

WATER TREATMENT SYSTEMS

pH CONTROL

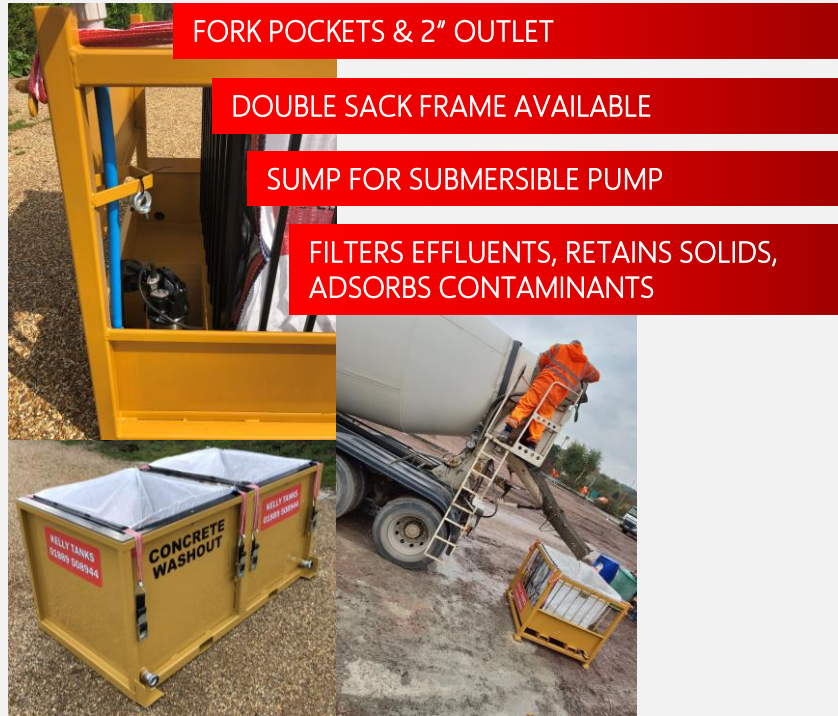
BESPOKE UNITS & SYSTEMS

CONCRETE SKIP FRAMES

HYDRODEMOLITION SYSTEMS

DOSING & AGITATION

Innovative, cost-effective
concrete washout and
water treatment solutions



KELLY TANKS

CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

Heavy duty sacks, ideal for onsite waste. Specially designed to allow the fast flow of water whilst retaining solids and adsorbing contaminants. **Ideal for washing concrete equipment off into and other onsite waste disposal.**

Can also be used to empty settlement tank and filter waste water. Sacks can be used in conjunction with a Frame to allow drained water to be pumped to discharge point or reintroduced back into water treatment systems.

BENEFITS

COST EFFECTIVE ALTERNATIVE TO SUCTION WAGONS AND LANDFILL WASTE

SACKS CAN BE PURCHASED SEPARATELY

SIMPLE TO SET UP, SIMPLE TO EMPTY, SIMPLE TO OPERATE

SOLIDS ARE RETAINED IN SACK, MAKING THEM EASY TO DISPOSE OF

CAN BE USED FOR CONCRETE WASHOUT OR WATER TREATMENT

Dims (mm) approx.

Weight approx.

1120 (L) 1400 (W) 1030 (H)

300kg

Adsorption Sack & Frame

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CLOSED LOOP CYCLE/WASH
WATER IS RECYCLED

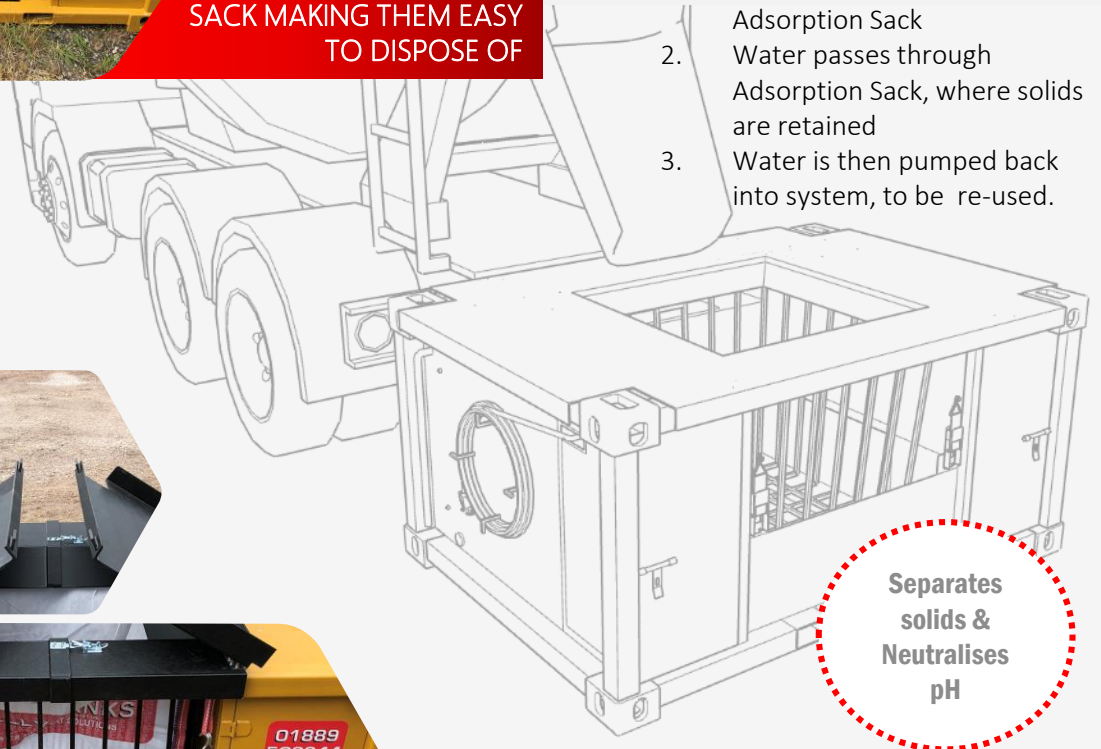
NO HAZARDOUS WATER
IS GENERATED

SIMPLE TO SET UP,
SIMPLE TO EMPTY,
SIMPLE TO OPERATE

SOLIDS ARE RETAINED IN
SACK MAKING THEM EASY
TO DISPOSE OF



1. Use the hose to wash off chute/equipment into Adsorption Sack
2. Water passes through Adsorption Sack, where solids are retained
3. Water is then pumped back into system, to be re-used.



Separates
solids &
Neutralises
pH

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CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

Simple Solutions for washing off concrete
wagon chutes and equipment

A cost effective alternative to skips & suction
wagons, the CWS allows concrete equipment
to be washed off onsite by separating the
solids in the wash water and recycling the
remaining water. pH can be easily neutralised
if required.

Dims (mm) approx.

Weight approx.

2140 (L) 1520 (W) 1050 (H) 720kg

CWS Concrete Washout

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Power Required

Consumables

110V
min 2.75kVa

- Adsorption Sack
- pH Neutraliser (optional)



LAMELLA COALESCING MEDIA,
CAN BE USED WITH FLOCCULANT



OIL SKIMMER & OPTIONAL
HYDROCARBON FILTER PADS

SIMPLE TO SET UP, SIMPLE TO
EMPTY, SIMPLE TO OPERATE

SOLIDS EMPTIED VIA DUMP VALVE
FOR EASY CLEANING

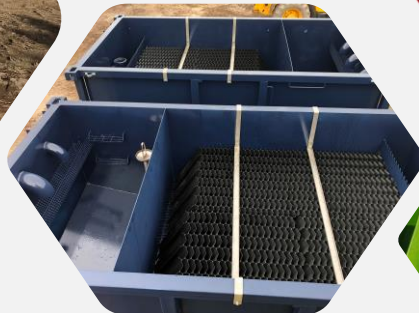
**USER FRIENDLY
EXTRAS**

STEPS, SKIMMER,
FLOCC CAGE, TAPS
& TELEMETRY
POINTS



**Dosing &
Agitation**

**Lamella &
Settlement**



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CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

Universal treatment tank with interchangeable coalescing media to suit all applications.

Ideal solution when dewatering and dealing with stubborn suspended solids. The coalescing/lamella media provides over 100sq mtr of settling area and encourages settlement of all types of silt. Can be used with or without Flocculant. Media can be provided with varying diameter openings making the WTS the perfect system for any application.

System	Dims (mm) approx.	Weight approx.
WTS	2718 (L) 1360 (W) 1500 (H)	820kg
WTS XL	3200 (L) 1700 (W) 1900 (H)	1320kg
WTS XXL	4000 (L) 2000 (W) 2020 (H)	2200KG

WTSWaterTreatment

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MANUAL HANDLING

ADJUSTABLE HEIGHT & POSITIONING OF DIFFUSER

EASY TO SET/CHANGE PH PARAMETER TO ACHIEVE DESIRED PH

TURBULENT DIFFUSER FOR OPTIMUM CO2 DISTRIBUTION

CAN BE FITTED TO MOST TANKS



1. Fit to tank/skip
2. Connect 110V power
3. Set desired pH parameters
4. Position diffuser
5. System is ready, pH will be automatically monitored and corrected.

Power Required

110V
min 2.75kVa

Consumables

• CO2

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CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

Modular dosing units to monitor and automatically adjust pH

Units are fitted to existing tanks, skips or Kelly Tanks Water Treatment Tanks and held in position by adjustable fixing points. pH probe is removed from holder and inserted into working position. Diffuser is positioned in desired location.

When the pH probe reads pH outside the pre-set parameter, CO2 is automatically diffused until desired pH is achieved.

Dims (mm) approx.

900 (L) 900 (W) 900(H)

pH Dosing Unit

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CAN BE USED WITHOUT POWER

SIMPLE TO SET UP, SIMPLE TO EMPTY, SIMPLE TO OPERATE

HEAVY SOLIDS ARE RETAINED IN SACK, MAKING THEM EASY TO DISPOSE OF

MANIFOLD AVAILABLE-
EASILY REMOVABLE
ENABLING
WAGONS/PUMPS TO
DISCHARGE OR WASH
DIRECTLY INTO TANK



1. Filtration and Retention of heavy solids
2. Dosing & Agitation
3. Coalescing Media/Lamella Clarifier to settle suspended solids



IDEAL HEIGHT FOR
WAGONS TO
WASH DIRECTLY
INTO



Power Required

Consumables

No Power Required
or 110V (if dosing)

- Adsorption Sack
- Dosing Agents (optional)

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CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

THIS TANK CAN DO IT ALL..

Concrete Washout Used for washing off concrete or grout equipment, mixers, piling rig equipment, concrete skips and volumetric wagons adsorbs the solids and uses purpose built coalescing to clean concrete wash water. Dosing unit can be fitted to neutralise pH automatically.

Water Treatment - Lamella Clarifier – Settlement – Dosing & Agitation – Flocculation & Filtration An adsorption sack retains and filters heavy solids, making them easy to dispose of. A dosing & agitation unit can be fitted for pH neutralisation, flocculation or dosing of any required chemicals. The coalescing media can be easily changed to suit the application and characteristics of waste water to settle any suspended solids.

Dims (mm) approx.

Weight approx.

3200 (L) 1575 (W) 1050 (H)

1300kg

GWS Hybrid

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SIMPLE TO SET UP, SIMPLE TO
EMPTY, SIMPLE TO OPERATE

HEAVY SOLIDS ARE RETAINED
IN SACK, MAKING THEM EASY
TO DISPOSE OF

LAMELLA/COALESCING TO
SETTLE SUSPENDED SOLIDS

PH ELECTRODE & DOSING
SYSTEM TO CONTROL PH



IDEAL FOR
TREATING HIGH
PH ALKALINE
WASTE WATER

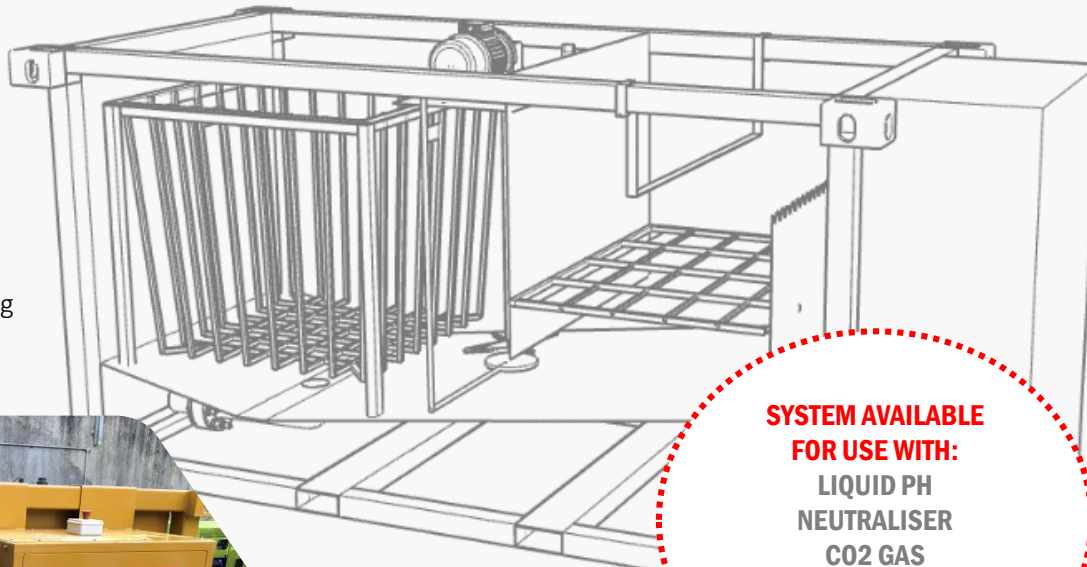
KELLY TANKS

CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

A simple solution for retaining solids and correcting pH in waste water, ideal for Hydrodem Waste Water.

A modular system consisting of a Water Treatment Unit with Adsorption Sack to capture solids, pH electrode to test pH level and mixer and dosing unit to correct pH.

1. Wastewater is washed into Absorption Sack wherein solids are retained
2. pH electrode initialises dosing and mixer to correct pH
3. Liquid flows through coalescing media, forcing any solids to clump together and settle out



SYSTEM AVAILABLE
FOR USE WITH:
LIQUID PH
NEUTRALISER
CO2 GAS
DUAL (LIQUID & GAS)

Dims (mm) approx.

Weight approx.

3610 (L) 1575 (W) 1730 (H)

1400kg

Hydrodem System

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Power Required

Consumables

110V
min 2.75kVa

- Adsorption Sack
- pH Neutraliser



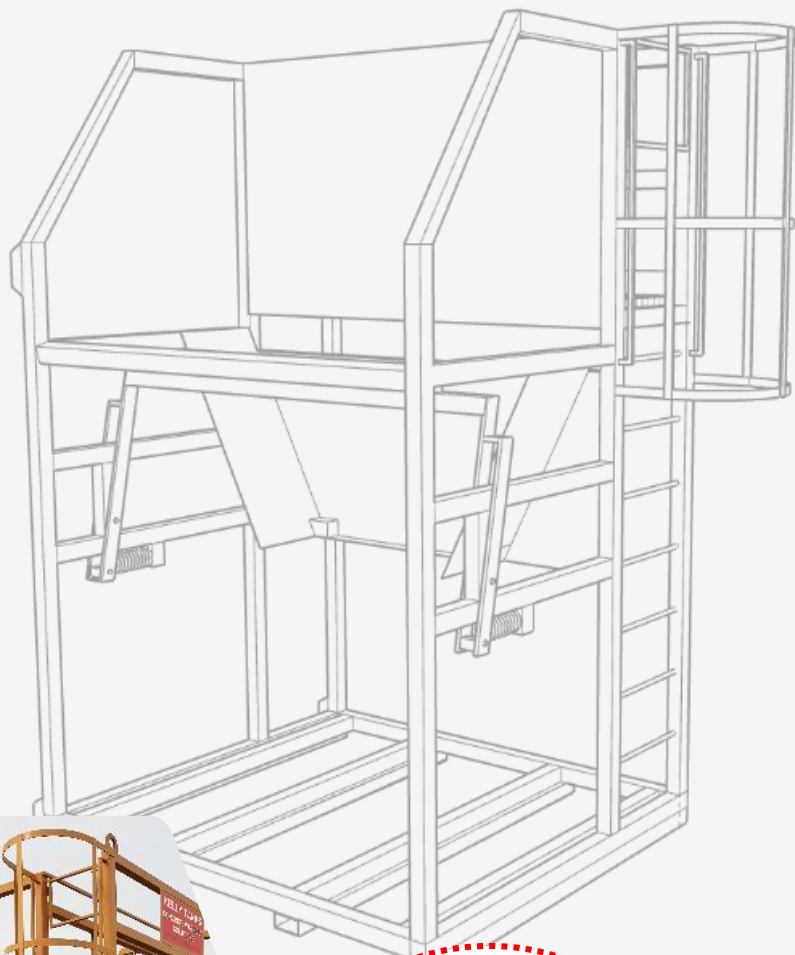
SIMPLE TO SET UP,
SIMPLE TO OPERATE

SAFE WASHOFF
OR STORAGE

FITS ANY SKIP
UPTO 2000LTR

ROBUST WITH
FORK POCKETS
& LIFTING EYES

NO MANUAL
ADJUSTMENT REQUIRED



CAN BE USED WITH OR
WITHOUT KELLY TANKS
CWS - OUR CWS
CONCRETE WASHOUT TO
RETAIN SOLIDS AND
RECYCLE WATER FROM
WASH OFF

KELLY TANKS

CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

The ideal solution for washing out Concrete Skips onsite

Designed with a unique mechanism to allow different size skips to slot into position without manual adjustments. Spring action loaded bar that adjusts automatically to accommodate different size skips.

Concrete Skip Washout Frame compatible with Kelly Tanks Concrete Washout System & various size Concrete Skips to create environmentally safe, easy to use, washout recycling system.

Dims (mm) approx.

Weight approx.

3610 (L) 1575 (W) 1730 (H)

1400kg

Concrete Skip Frame

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FORK POCKETS ON THREE SIDES

RETAINING PINS ENABLING TRAY TO BE TIPPED

SWIVEL LIFTING EYES ON EACH CORNER

ROBUST WITH FLAT BOTTOM FLOOR

2" BALL VALVE & BAUER FITTING OUTLET



IDEAL FOR CONCRETE PUMPS - CAN BE USED IN CONJUNCTION WITH THE CONCRETE WASHOUT TO RETAIN SOLIDS AND RECYCLE WATER

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CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

Simple, easy to move/manoeuvre
Washout Tray for capture and disposal of waste.

Dims (mm) approx.

Weight approx.

2460 (L) 1495 (W) 345 (H)

160kg



Washout/Pump Tray

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Non Hazardous pH Neutralising Liquid



Double Sack Frames



Skimmer and bespoke inlets



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CONCRETE WASHOUT & WATER TREATMENT SOLUTIONS

As we design and build all of our products we can work with you to ensure you get the exact product you require that meets all of your onsite needs

Any of our range can be sprayed in Customer colours at no extra cost

We can bespoke build/design systems and units to suit your requirements.

Please contact us today to discuss what we can do for you.



Walkways to Customer requirements



20,000ltr Water tanks with intermittent agitation



Sack Frames to Customer requirements



Manifolds to suit any required pipe configurations



CO2 Bottle Cage available in various sizes

Bespoke Builds & Add Ons

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Thank You

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🌐 www.kellytanks.co.uk