



EWOC

(Environmentally-friendly Wash Out Container)

GAS MODEL

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A T3 CONSTRUCTION INNOVATION PRODUCT

1.1 SAFETY:

SAFETY FIRST

DO NOT RUN GAS UNIT INDOORS

WHEN USING GAS POWERED EWOC MUST HAVE PROPER VENTILATION




WASH OUT AREA

WEAR EYE & HAND PROTECTION

EYE WEAR



GLOVES



WARNING: CONCRETE WASTE WATER IS CAUSTIC AND CORROSIVE. DO NOT DRINK OR LET COME IN CONTACT WITH SKIN OR EYES. CONTACT MAY CAUSE SEVERE CHEMICAL BURNS AND SERIOUS EYE DAMAGE.

FIRST AID MEASURES

EYES: FLUSH EYE THOROUGHLY WITH WATER.
 SKIN: WASH SKIN WITH WATER AND MILD SOAP.

SEEK MEDICAL ATTENTION IMMEDIATELY!



1.2 OVERVIEW:

- The EWOC efficiently cleans concrete tools and equipment
 - concrete truck chutes
 - power buggies
 - mortar mixers
 - Screeds
 - hand tools
- The EWOC is innovative
 - Size
 - Fits in the bed of a pick up
 - Versatility
 - Four-way forklift accessibility
 - Unlimited rigging capabilities
- Project Cost Savings
 - Eliminates dumpster rental fees
 - Reduces pump out fees
 - Reduces labor costs
 - Increases project efficiency
- **ELIMINATE LABOR COSTS FOR CLEANING HARDENED CONCRETE OFF TOOLS AND EQUIPMENT**

When the EWOC is located at the pour location laborers easily and efficiently clean concrete tools and equipment before the concrete hardens. This eliminates the labor costs to grind and clean hardened concrete off the tools and equipment.

- **EXTEND TOOL AND EQUIPMENT LIFE AND IMPROVE JOB QUALITY.**

When concrete tools and equipment are kept clean it extends their useful life. Using clean tools and equipment also improves the quality of the concrete.

- The EWOC eliminates the risk of civil penalties.
- The EPA forbids discharging into the nation's waterways untreated wash water used in concrete mixer rinse out operations regardless of the size of the project.

2 OPERATION:

- Use regular unleaded gas
- Check oil. Add if necessary to prevent damage to engine.
- Rubber Gloves and safety glasses must be worn when operating and cleaning the unit
- Set EWOC on level ground



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- Before initial use: remove grating, top bag and canal filter. Oil the large interior tank, water well and exterior with a commercial grade concrete release agent.
- Reinstall canal filter and top bag. Install a daily pre-filter under the corner handles on the top bag. Reinstall grating.
- Before filling the EWOC with water, open the knife valve located in the small compartment under the small lid by pulling up on the T handle.
- Close small lid before filling the EWOC through the large interior tank until water reaches the 'water fill line' in the small tank. Approximately 25 – 30 gallons.
- The pump has been pre-primed and is ready for use.
- When not in use – Close EWOC lid.
- Periodically during use and prior to storing the EWOC – Close the T handled knife valve, add 5 gallons of clean water and run unit to flush pump and hose.

3.1 DAILY CLEANOUT:

- Open EWOC
- Remove Grating
- Pin four corners of daily pre-filter and dispose of properly
- Install new daily pre-filter. Tuck corners under the four corner straps of the top bag.
- Reinstall grating

3.2 PUMPOUT AND WEEKLY CLEANING:

- **Rubber gloves and safety glasses must be worn when operating and cleaning the unit!**
- and dispose of washout water properly
- Remove grating and top bag
- Remove canal filter and sock
- Once a week: Pump out water from large tank and water well. Dispose of water properly. Remove ALL silt and sediment from bottom of tank.
- Oil the large interior tank, water well and exterior with a commercial grade concrete release agent.
- Reinstall canal filter and top bag. Install a daily pre-filter under the corner handles on the top bag. Reinstall grating.
- **CLOSE EWOC LID WHEN NOT IN USE**

4. USEFUL TIPS:

1. EWOC should always sit on level surface
2. In order to keep unit clean, use form release agent such as Nox-Crete PCE or Magic Kote prior to every days use.



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3. It may be necessary to either washout on impermeous surface or place a tarp under the unit to contain overspray from washing out oversized items.
4. Defined water level must be maintained for proper operation. Temperatures and weather can contribute to the evaporation which will result in the need to refresh with clean water at times.
5. It is important to keep the amount of actual product entering the EWOC to a minimum for best results which also reduces how often the unit needs to be cleaned.
6. Once all washout operations are complete for the day, rinse grate with water so product does not harden.
7. Turn off unit when not in use.
8. Allow sediment or product to harden on pre-filter overnight which is required to be disposed of properly the following work day prior to next washout.
9. DAILY PRE-FILTER MUST BE CHANGED EACH DAY!
10. Following these simple tips will increase the over all life of the unit and provide a better means of keeping tools and equipment clean.

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