

# Illusions

tents | rentals | event design

## VACUUM TRUCK *nickname: pump truck*

The vehicle's twin-compartment lite weight aluminum tank allows for both fresh and wastewater to be stored during operation, enhancing efficiency and convenience. Internal baffles help keep the fluids from sloshing around, making it easier for drivers to maneuver and stop quickly. Each truck comes with a 1/8" aluminum work area and cabinets that maintain a clean, polished appearance at all times.

*see back for specifications*



# SPECIFICATIONS

## Vehicle Specifications:

Chassis: 2019 Hino 268A/Hino J083-WU  
Engine: Turbo charged engine @230 Hp  
Front Axle: 10,000#  
Rear Axle: 19,000# (on air Ride)

## Tank Specifications:

Aluminum Tank Size: 2,150 gal (8,139 L)  
Grey/ Waste Water Compartment: 1,600 gal (6,056 L)  
Fresh Water Compartment: 550 gal (2,082 L)

## Front Fresh Compartment:

Volume: 550 gallons  
Shell: 1/4", with one 1/4" X 66" head,  
two wing baffles

## Rear Waste Compartment:

Volume: 1,600 gallons  
Shell: 1/4" ASTM 5454,  
Heads: (2) 1/4" X 66" diameter, (1) 1/4" cross  
baffles; & (2) wing baffles; (1) 19" quick  
opening manway in center of waste.

## Mounts:

Tank rests on chassis frame on captive 2" x 3" plastic lumber strips. Front consists of spring loaded mounts with 5/8" Grade 8 bolts and lock nuts. Center mount H-style mounting bracket. Rear mounts consist of 3/8" and 1/4" brackets. Brackets are bolted with 5/8" diameter Grade 8 plated bolts, to frame and to tank with 5/8" bolts.

## Dump Locations:

Waste: 4" full port dump located just behind rear wheel on driver's side.  
Fresh: 2" dump located just behind cab on left side.

## Vacuum Motor:

HXL75V: pump on right angle bracket with right angle gearbox

### Vacuum Levels:

Performance on 1600 compartment			
HXL-75	Rating (CFM)	12" HG	18" HG
1200 RPM	230	28 seconds	78 seconds

## Fitting Sizes:

Fresh outlet: 2" MPT  
Waste outlet: 4" MPT  
Vacuum line: Depends on pump

Fresh inlet: 4" FPT  
Waste inlet: 3" MPT  
Fresh indicator: 1" sight tube

## Hoses:

- Provides dual side service with (2) 30' service hoses and wands, hose hangers, and part C coupler on both ends.
- Dual Size Cox Reel 50' hose, nozzle

## Pressure Wash System:

Electric driven medium pressure wash: garden hose pressure wash system with Burks DC-10 Pump, 35' hose, spray nozzle, and hose hanger.

## Work/ Storage Cabinets:

Dimensions: 18"D x 30"H x 30"L