



**WGWS30-425/270gal (waste/water) Lavatory Service Vehicle** is designed to remove the waste from the Aircraft Lavatory and to provide clean water for flushing and refilling. This unit consists of a suitable chassis, stainless steel waste tank, water tank and a clean water supply and waste system. The unit is equipped with a lift platform in the rear. It is strongly built to withstand the airport environment, simple to operate and easy to maintain. The tank is mounted to the chassis with rubber shock absorbers to insulate it from vibration and shock during driving. See chart for tank capacities.

**WGWS40-550/370gal (waste/water) Lavatory Service Vehicle** as above.

#### **CHASSIS:**

##### **WGWS30**

ISUZU Model: NKR55LLA-Engine Model:  
4JB1 76 Hp (57kw) or other suitable chassis.

##### **WGWS40**

ISUZU Model NPR66 or other suitable chassis

#### **TANK:**

The stainless steel tank is divided into two sections. They are baffled and sloped toward the lowest point. There is a manhole on the top for easy access to cleaning. The top is covered with non-skid material. The tanks and all other components are designed for easy disassembly and replacement. The tank is equipped with a liquid level gauge. Water supply system consists of a stainless steel centrifugal pump, stainless steel piping etc.

#### **ACCESSORIES:**

- Water pressure gauge: 0-1.6 Mpa
- Flow meter with "zero reposition".
- Hose reel: Mounted at the rear of the chassis including a delivery hose of 22 ft (7m) length and 1 in (25mm) inner diameter, complying with ISO450:1976.
- 4" waste hose and coupling

#### **HYDRAULIC SYSTEM**

Utilizes the truck PTO, a PTO control, oil-pump, hydraulic motor, and solenoid valves to drive the hydraulic motor that powers the water pump. The PTO is engaged and disengaged by an operating lever located in the truck cabin.

**ELECTRIC SYSTEM:**

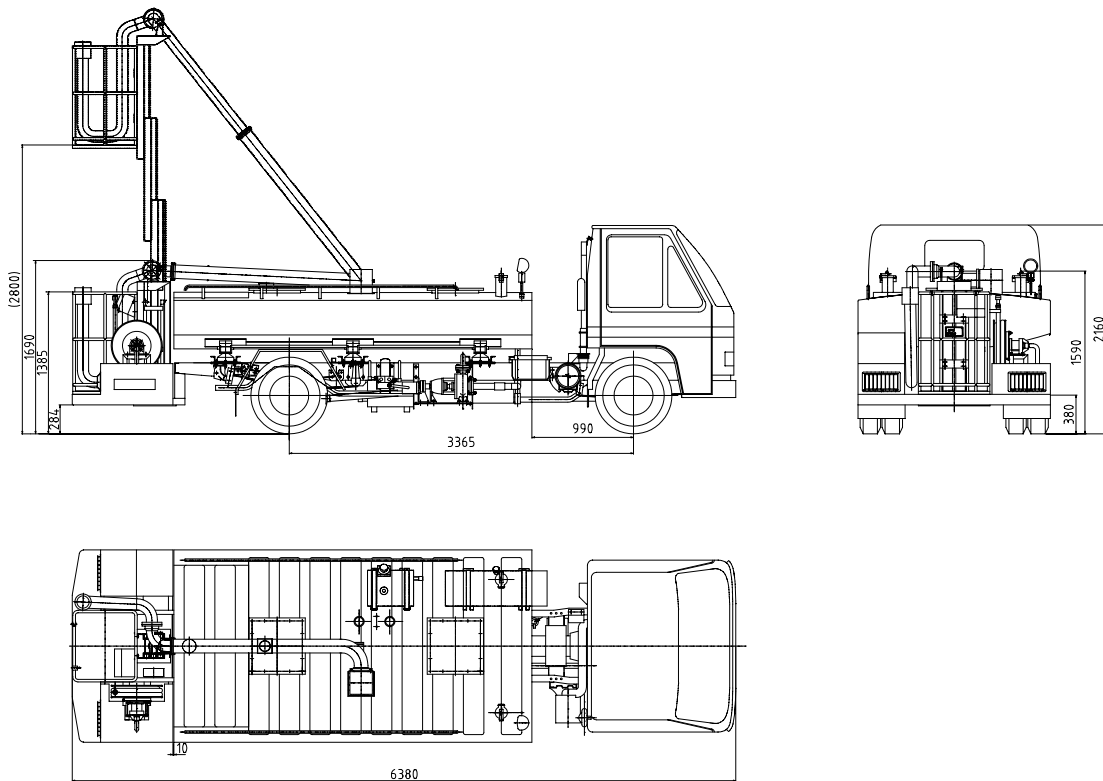
Consists of control box mounted at the rear of the vehicle, with power switch, water supply switch, lighting switch, flow meter, and emergency stop.

**OPTIONS:**

- **Hydraulic lifting platform equipped with stainless steel rails, control box, switches, flow indicator, etc.**  
Lift platform dimensions (length × width): 28x28 in. (700 × 700mm)  
Lift range: 16 – 108 in. (400-2800mm.)  
Lift capacity: 220 lbs (100Kg)
- **A manual emergency pump for raising and lowering the lifting platform in case of failure of the main hydraulic system.**
- **Thermal insulation for cold weather operation.**
- **Lavatory tank rinse system**

| Model | Capacity Waste/water         | Dimensions*                             | Height Top of tank | Unloaded weight        | Loaded weight           |
|-------|------------------------------|---|--------------------|------------------------|-------------------------|
| WS30  | 425/270gal<br>(1600/1000L)   | 251x74x85 in<br>(6380x 1880x 2160mm)    | 54 in<br>(1380mm)  | 6,160 lbs<br>(2800Kg)  | 11,880 lbs<br>(5400 Kg) |
| WS40  | 550/370 gal.<br>(2200/1400L) | 276x 82x 88 in.<br>(7020x 2100x 2220mm) | 60 in<br>(1550mm)  | 7,480 lbs.<br>(3400Kg) | 15,400lbs<br>(7000Kg)   |

\*DIMENSIONS SUBJECT TO CHANGE WITH CHOICE OF VEHICLE



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SPECIFICATIONS TO CHANGE WITHOUT NOTICE



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