

LSP-900

LAVATORY SERVICE VEHICLE



DESCRIPTION

The LSP-900 Aircraft Lavatory Servicing Vehicle is designed to provide airlines and the airport servicing industry an all stainless steel unit for application on all current new generation aircraft. Engineered to the highest standards, the LSP-900 stands up to extreme weather and abusive ramp conditions.

Improved design features simplifies aircraft servicing, provides economical operation, reduces flight delays, cuts maintenance costs and minimizes risks of environmental hazard.

This equipment allows aircraft servicing up to 5m [16.4'] height with 2.9m [114"] lift.

All pumping operation controls are performed from the front lifting platform in a safe environment. The operator's cab is rubber shock-mounted for a comfortable drive and provides excellent ramp visibility.

The LSP-900 complies with common international requirements and regulations.

STANDARD FEATURES

ENGINE/TRANSMISSION

4 cylinder Diesel or Gas/LPG engine with automatic transmission.

STEERING

Assisted hydrostatic front wheel.

Turning radius: 7M[23FT]

REAR AXLE

Drive axle mounted on leaf springs.

FRONT AXLE

Large-size, with steering cylinder, mounted on leaf spring.

WHEELS/TIRES

215/75 R17.5 Tubeless.

DYNAMIC BRAKES

Brake system on 4 wheels with booster.

Front wheels: Dry disks / Rear: Drums.

For maximum safety, front and rear break circuit are independent.

PARKING BRAKE

On rear wheels activated by cable from cabin.

FUEL TANK

Capacity 80 l / 21 U.S. gallon

HYDRAULIC TANK

Capacity 80 l / 21 U.S. gallon

DISINFECTANT/WASTE TANK SET

Tanks are stainless steel 304 with internal baffle; all inside fittings and weld joints have smooth finish and all inside corners are rounded 1" radius.

- Manual draining valve.
- Level gage / visual level indicator.
- 2 man holes Ø500mm [17"].
- Filler neck and cap.
- Internal spray for waste tank cleaning.
- Effective capacity:
 - Disinfectant: 1200L [290US Gal].
 - Waste: 2250L [600US Gal].

WASTE CIRCUIT

Telescopic rigid stainless pipe from tank to basket.

PUMP GROUP

Stainless steel centrifugal self priming disinfectant pump with strainer and adjustable relief valve (3.5bar [50 PSI]). Pump driven by hydraulic motor. Controlled from lifting platform.

Flow: 100 L/min [26 US Gal].

Flow meter zero reset / Spring-loaded hose reel.

LSP-900



HYDRAULIC CIRCUIT

A gear pump provides the hydraulic fluid required for all operations: steering, lift controls and pumping.

ELECTRIC EQUIPMENT

12VDC system. 55A generator power.

1 master switch.

2 headlights. Stop lights. Back-up lights. Turning indicators. 1 working light.

Fuel gage, hour-meter, E-switch in cab.

Safety interlocks to prevent vehicle from being driven while platform is raised. Platform movement warning buzzer.

LIFTING PLATFORM

Stainless steel material with antiskid floor.

820x700mm [32x27"] / 200Kg [440Lbs] capacity.

Lift cylinders fitted with parachute check valves.

Emergency control device to lower platform in case of failure.

LIFT CONTROLS

Dead-man push-buttons for lift controls.

Controls: up/down/e-stop/pump controls.

Low disinfectant level indicator.

FLEXIBLE HOSE

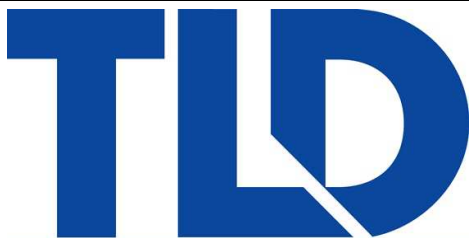
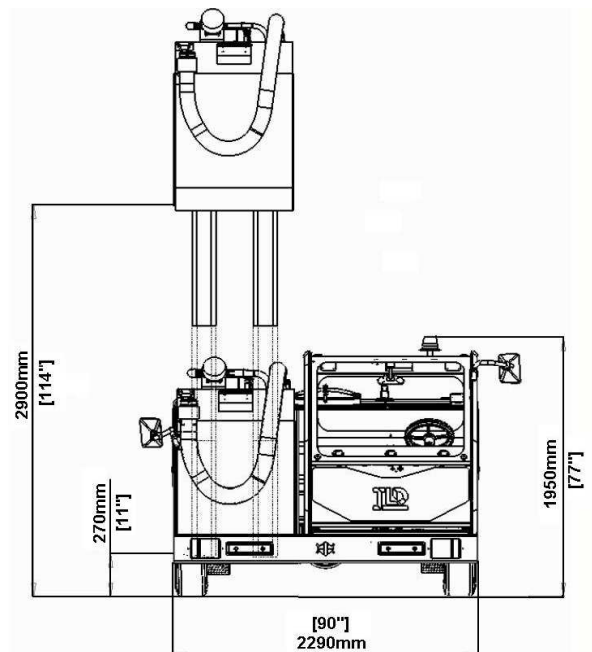
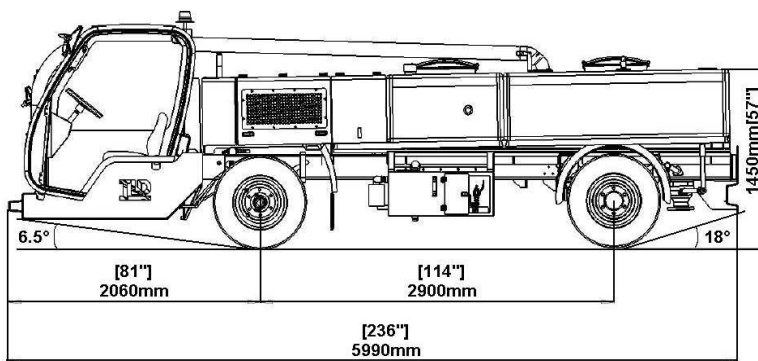
Premix flexible hose 1" diameter equipped with a connector.

DUMP VALVE

Large 4" diam. ball valve, 90° rotation, for fast dumping of waste.

OPTIONS

- Cab door (w/ defroster).
- Rotating beacon.
- Lights protection.
- Cold weather kit (down to -40°C).
- Aircraft detection limit switches.
- Powered dump valve.
- Rear view video device.
- Fuel/hydraulic side guards.
- RHS sliding window.
- Long-shank coupling.
- Break-away coupling.



LOCAL SUPPORT, TOTAL COMMITMENT

TLD Sales and Service regional headquarters :

• Asia, Far East

TLD-ASIA, Hong Kong

Tel : + 852 (2)692-2181 Fax : + 852 (2)691-2604

• Europe, Africa, Middle East, India

TLD-EUROPE, France

Tel : + 33 (0)1 45 60 71 40 Fax : + 33 (0)1 45 60 57 00

• North & South America, Australia & New Zealand, Japan

TLD-AMERICA, USA

Tel : + 1 (860) 602-3400 Fax : + 1(860) 688-7895

Revised on 17/06/2013 by MT

Contact us on our Web Site : www.tld-gse.com

Specifications may be altered as a constant effort to improve performance.
Tolerances of data : +/- 5 %. Some views may show optional equipment.