

# Liquid Cleaner SD400D MANUAL

## Components and functions SD400D MANUAL

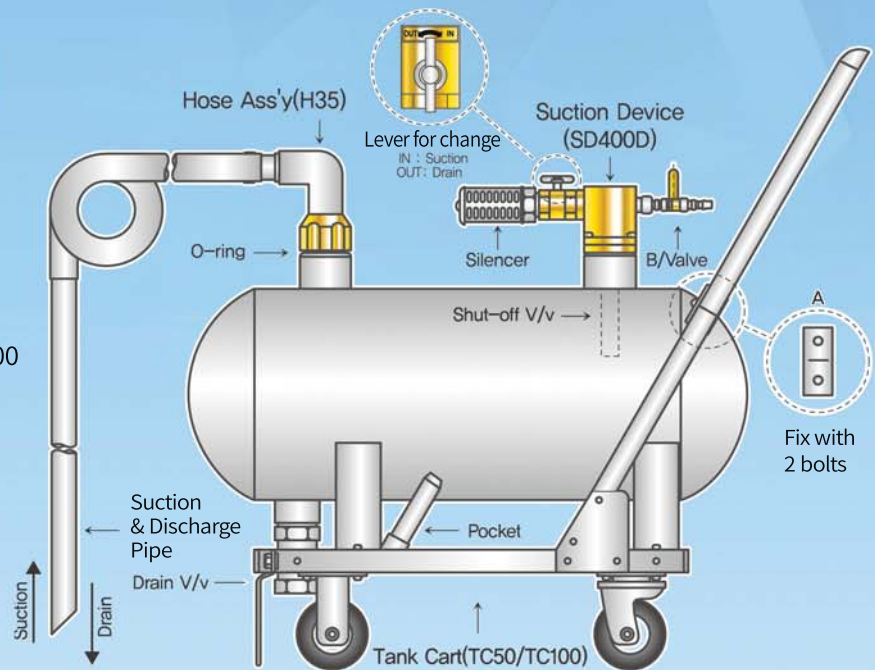
### Suction Device (Vacuum generator)

- Silencer
- B/Valve (Supplying compressed air)
- Shut-off Valve (automatic shut-off device)
- Lever for change (Suction and discharge)

### Hose Assy (Suction and discharge) H35

### Tank Cart (Transfer and dust collection) TC50/TC100

- Drain V/v (Removal of contents)
- Pocket (Storage for pipes)



### ◎ Condition for use

- The pressure of compressed air should be less than 4~5kg/cm<sup>2</sup>.
- Compressed air supply of Air Inlet Hose should be more than 1200ℓ/min
- the power should be more than 7.5 kw (10HP) and, inside diameter of the air hose should be more than Φ8.
- The shorter and larger hose is and the higher pressure is, the better performance has.
- When using a secondary tank, it is more efficient.
- When discharging, the air pressure should be 0.5~0.6 kg/cm<sup>2</sup>.

### ◎ How to use

- Fix 2 bolts on the handle. See "A"
- Close the Drain V/v and B/Valve.
- Connect the Air Inlet Hose.
- Select the suction or discharge with the lever for change. (TC50)
- Open the B/Valve. (Supplying compressed air)
- Place the suction / discharge pipes near the object.
- After using it, close the B/Valve.
- After opening the Drain V/v, remove the contents in the tank.
- Close the Drain V/v

### ◎ Caution

- Passing diameter of solid matter should be Φ27 and the materials having viscosity of grease is impossible to suck.
- After using it, empty the inside of the tank.
- Certain kinds of acid should not be used. (It is shortened the product life cycle due to corrosion)
- Be careful that the liquid might spurt some mist toward the Silencer.
- Shut-Off V/v should be kept clean.
- If the liquid releases toward the Silencer, use it after emptying the tank.
- If the suction is poor,
  - Check the condition for use
  - Check the inside of the inlet/outlet (H35)
  - Check the operational status of the Shut-Off V/v
  - Inspect or change the Silencer
  - After inspecting the O-ring of the assembly section, change it.
- Be careful that the Drum (200ℓ) may be dented when using it. (Recommendation: less than 7 kg/cm<sup>2</sup>)
- Be careful that it may be flown backward if the lever for change is for discharging (TC50), or the end of the pipe is lower than the Drum (if cutting off air supply).

### ◎ How to install the Drum (200ℓ)

- Hose Ass'y (H35) assembles on the large Cap of the upper side.
- Suction Device (SD400D) assembles on the small Cap of the upper side.
- When attaching Drain V/v, it should be installed on the bottom side.

