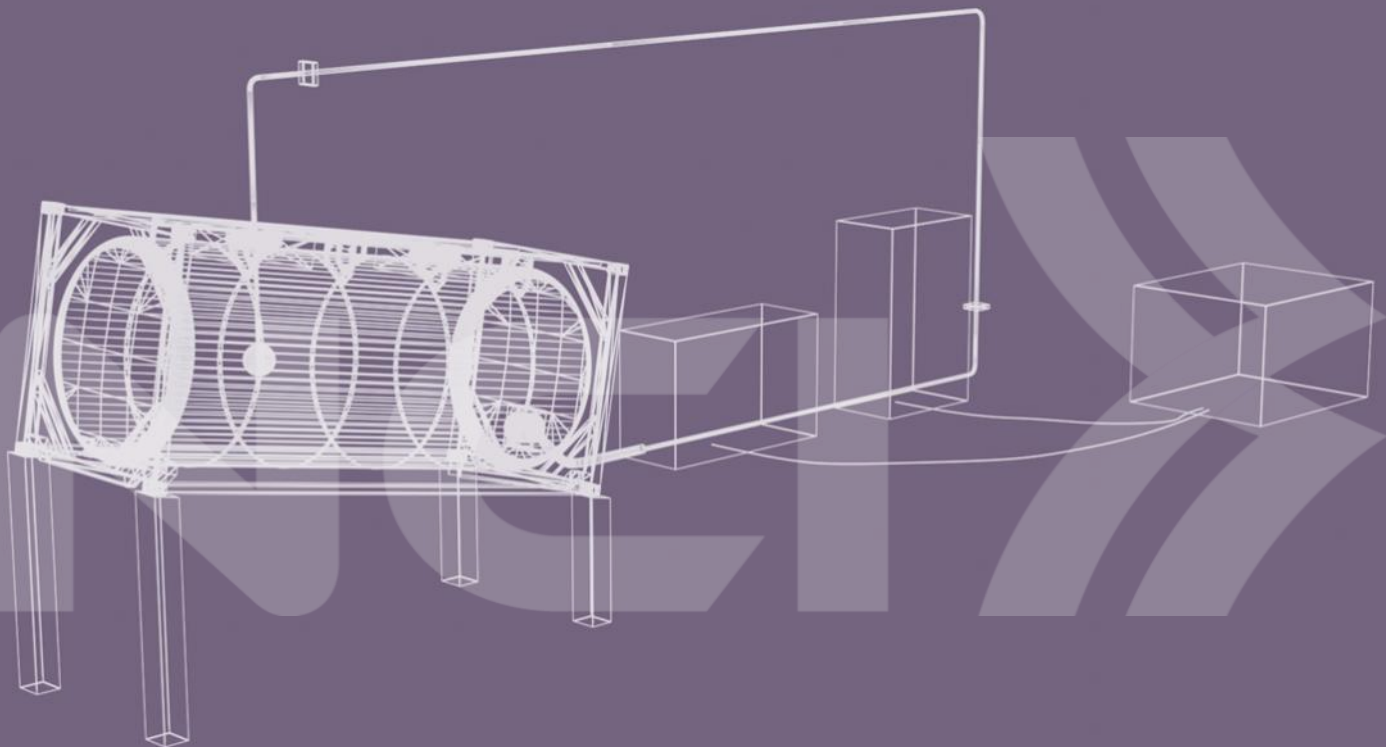# LATEX Cleaning System - LXClean™

LXClean™ is a fully enclosed cleaning system that can clean up to 2 ISO tanks at the same time, and with the application of a special-formulated latex cleaning chemical that cleans and remove the latex residue in the ISO tank, with the stainless-steel 3D Rotary Tank Cleaning Head connected to a lance pipe for 360° cleaning.

This closed circuit latex circulation cleaning system comes with air-operated diaphragm pump, connected to a stainless-steel 316 rectangular latex chemical storage container that comes with mesh filtration housing and heating pipelines. A specially designed electrical starter and temperature control panel will fully control the operations of the system during the cleaning process. The latex cleaning chemical mixed with hot water will flow back to the storage container and re-used for many times.

User is required to install a 2" stainless steel pipeline from the pump to the tank cleaning bay with hose connecting to the tank cleaning head. Steam boiler with steam pipe or hose and air compressor with air receiver tank and air hose will be required.

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*Special-formulated latex cleaning chemical **LXClean™ 164** and **LXClean™ SAG-4701 Antifoam** are available for sale separately from the system. Please contact our sales person for separate quote.*
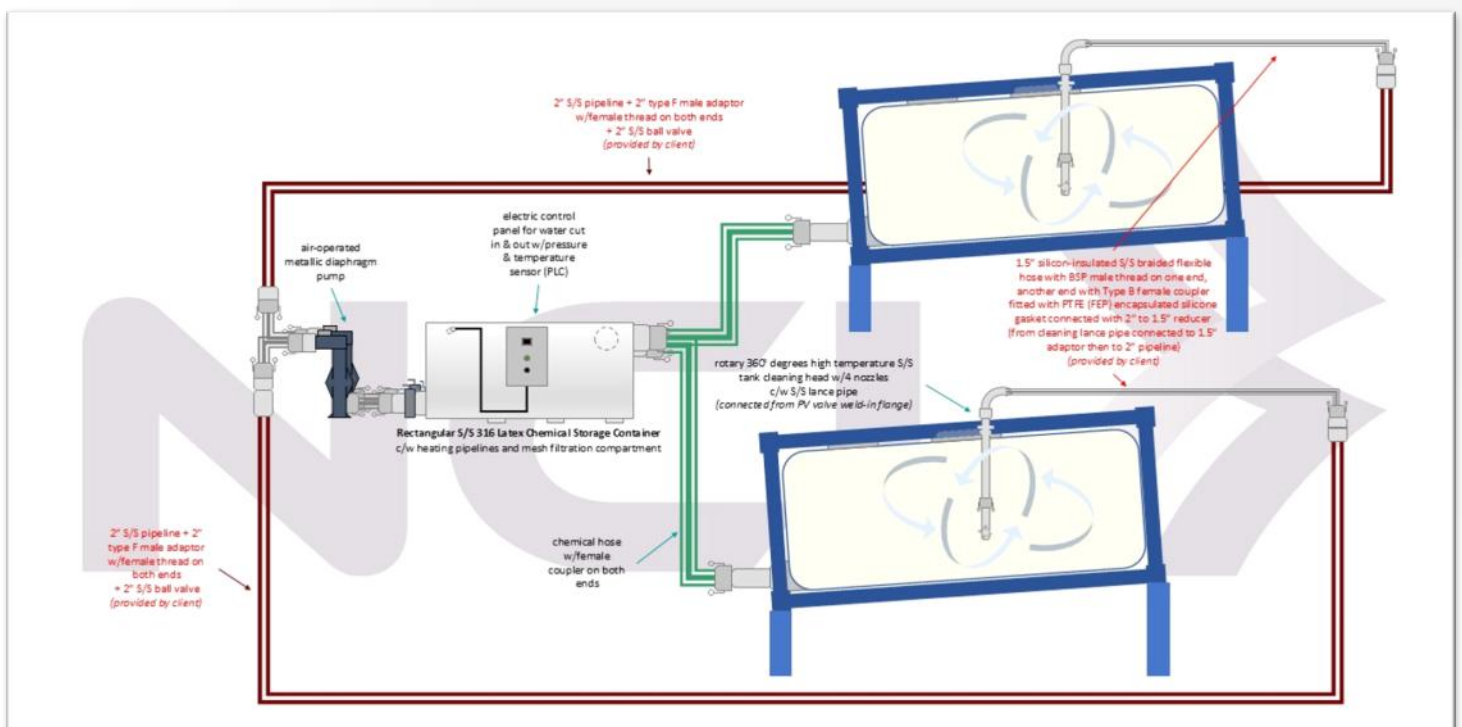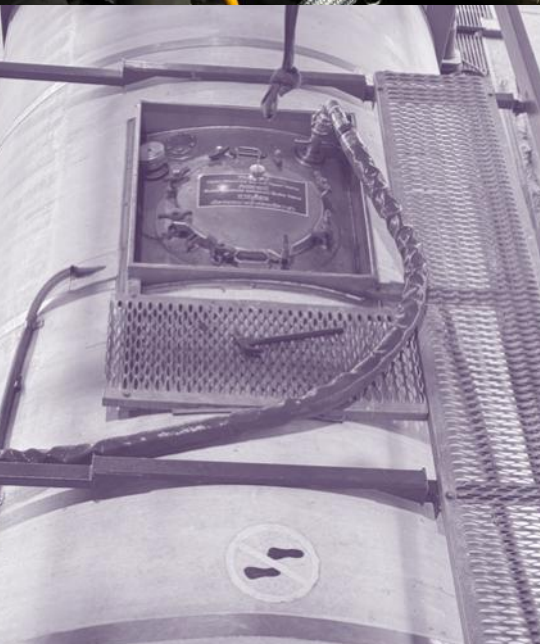
LATEX Cleaning System:

LXClean™

The Latex Cleaning System of model **LXClean™** is the perfect system for cleaning higher volumes of ISO tanks, with **options of ONE or TWO ISO tanks** at a time, and consists of the following equipment **(for 2 tanks)**:

1. **Air-Operated Metallic Diaphragm Pump** – 2 units

2. **Rectangular Stainless-Steel 316 Latex Chemical Storage Container** c/w heating pipelines and mesh filtration compartment - 1 unit

3. **Electrical Starter & Temperature Control Panel** for controlling the pump for water flow, the pressure and temperature sensors – 1 unit

4. **Stainless-Steel 316L Rotary Tank Cleaning Head w/4 Nozzles w/Lance Pipe** to be connected to the PV valve weld-in flange with high working temperature up to 120°C – 2 sets

5. **Valves, Hoses, Couplings & Fittings** – 1 set

LATEX Cleaning System:

LXClean™ (for 2 TANKS)

1. **Air-Operated Metallic Diaphragm Pump** – 2 units
   - *2" Double Diaphragm Pump w/muffler*
   - *Wetted Parts - Stainless Steel*
   - *Max. Air Inlet/Outlet Pressure 120 p.s.i.g. (8.3 bar)*
   - *Max. Flow Rate 172 g.p.m. (651.0 l.p.m.)*
   - *Max. Temp. Limits - PTFE 4° to 107° C*

2. **Rectangular Stainless-Steel 316 Latex Chemical Storage Container** c/w heating pipelines and mesh filtration compartment - 1 unit
   - *The latex chemical rectangular storage container is used to house the special-formulated latex chemical, it comes with temperature thermometer, built-in mesh filters to filter out the possible larger latex residue to prevent it from entering the high pressure pump and the cleaning head, and also built-in steam heating pipelines to automatically heat up the special-formulated latex chemicals to our pre-set temperature to achieve ultimate cleaning results*

3. **Electrical Starter & Temperature Control Panel** for controlling the pump for water flow, the pressure and temperature sensors – 1 unit
   - *Single phase 230VAC 6AMP*
   - *Pump control isolator switch*
   - *Temperature sensor & controller*

4. **Stainless-Steel 316L Rotary Tank Cleaning Head w/4 Nozzles w/Lance Pipe** to be connected to the PV Valve Weld-in Flange with high working temperature up to 120°C (set at 75°C) – 1 unit
   - *Drive the impeller with the cleaning fluid to drive the internal gear reducer, and realize the revolution and rotation through the transmission mechanism running according to the set trajectory to achieve a thorough 360° 3D cleaning*
   - *Cleaning cycle - 8 to 12 minutes*

5. **Valves, Hoses, Couplings & Fittings** – 1 set

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