



**ULTRAMAX HYDROJET PVT. LTD.**

AN ISO 9001:2008 COMPANY

# Specialized Cleaning Products for Pharmaceutical Industry



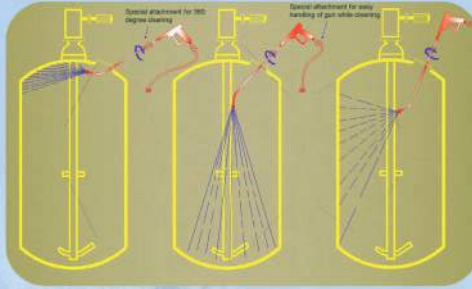
**Complete cleaning solution for Pharma Industry**



## HIGH PRESSURE REACTOR CLEANING SYSTEM:

### FLP Series SS Reactor Cleaning System:

Area of usage : For Bulkdrug & Active Intermeditate Manufacturing



- Complete stainless steel frame & cover (SS304).
- Easy portable trolley type system.
- Pressure ranges from 100 to 350 Bar.
- Discharge 9 to 21 lpm.
- Usable range from 1 to 10 KL reactors.
- Available with Flame proof version.
- Available with wetted parts in SS316.
- Fulfills **cGMP** and **FDA** audit requirements.
- Effective cleaning.
- Reliable cleaning process.
- Less water consumption for cleaning.
- Reduces down time of cleaning.
- Reduces the solvent usage.
- Reduces the **ETP** Cost.

Clean Room Series Water Jet Cleaner : Available with wetted parts in SS316 Construction for Clean Room Cleaning Application

## HIGH PRESSURE CLEANER FOR FORMULATION INDUSTRY:

Area of Usage : For Formulation, Inject able & Oral Manufacturing



- Complete stainless steel frame & cover SS 304.
- Easy portable trolley type system.
- Pressure ranges from 100 to 150 Bar.
- Discharge 9 to 15 lpm.
- Available with wetted parts in SS316.
- Fulfills **cGMP** and **FDA** audit requirements.
- Cleaning of all process machinery.

Cold Water Jet Cleaner



Hot Water Jet Cleaner : 70 to 90° C

## EVAPORATOR TUBE CLEANING SYSTEM:

Area of usage : Evaporator, condenser, Chiller, tube inside cleaning.

- Trolley mounted system.
- Available with stainless steel version
- Available with FLP version also.
- Pressure ranges from 350 to 600 Bar
- Discharge 15 to 38 lpm.
- Usable range 12 to 60 mm tube size.
- It has total intelligence stop feature.
- It has dry run protection.
- Hard scale can be removed easily.
- Reliable in cleaning process.



**Economical**



# AHU PRE-FILTER CLEANING MACHINE :



- ❖ Automatic Washing & complete drying of AHU Pre -Filters
- ❖ Complete stainless steel arrangement.
- ❖ Construction as per CGMP norms.
- ❖ Can accommodate Filter size from Minimum : 150 \* 150 \* 50 to Maximum : 610 \* 610 \* 355
- ❖ Customized Machine manufactured according to customer requirement.
- ❖ Filter Range from 3  $\mu$  to 20  $\mu$ .

## Features :

- ❖ Loading filter on all filter compatible Rotary fixture arrangement .
- ❖ Automatic Door Opening and Closing arrangements.
- ❖ Pre Air blowing with compressed air & inbuilt air blower .
- ❖ High Pressure Washing through specially designed spray lance with 3D arrangement
- ❖ Drying process is done by High speed Spinning with inbuilt hot air arrangement and compressed air arrangement.
- ❖ Wet scrubber arrangement for effective exhaust dust control.

## Advantage :

- ❖ Available in FLP / Non FLP Models
- ❖ Cleaning process is highly capable and flexible modified to customer requirement.
- ❖ Cleaning & Drying process is Fully Automatic.
- ❖ Cleaning efficiency is very high.
- ❖ Cleaning time & human effort is very low
- ❖ Effective Drying can be achieved

## Application :

- ❖ Formulation
- ❖ Vaccine
- ❖ Bulk drug & Intermediates
- ❖ Hospitals
- ❖ Electronic & Space Application

## Application :

- ❖ Poly propylene
- ❖ Non Woven synthetic
- ❖ HDPE



3D Washing

**Environmental - Energy Efficient - Effective**



# PHARMACEUTICAL CHANGE PARTS CLEANING SYSTEM

Area of usage : Cleaning of production areas, stores in bulk drug, active intermediates.



- ❖ The Washing System meets High level cleaning requirement of pharmaceutical industry.
- ❖ Low volume of cleaning fluid with high pressure ensures effective washing.
- ❖ Smooth finish inside wash chamber to avoid contamination.
- ❖ Different chamber size can be made to match customer requirement.
- ❖ Specific product wash rack can be made on request.

## Application :

- Machine change parts & Runners .
- Glass bottles, Containers & Trays.
- Filling machine parts & Filling line Components.
- Compressed tools, valves & Feeding hoppers.
- Hoses, tubes & Fittings.

## Advantage :

- Efficient drying, Robust & sanitary construction.
- Fully Automated Washing & Drying with flexible configuration.
- Door configuration with glass.
- Customized rack for special customer requirement.

# Explosion Proof Vacuum Cleaner

Area of Usage : Cleaning of Production Areas, Stores in Bulk drug, active Intermediates.

- It is wet & dry vacuum cleaner.
- It is a professional vacuum cleaner for hazardous areas.
- It can be used for cleaning as well as material recovery.
- It is available in SS version.
- It helps to keep healthy working environment
- It is available in ATEX 21 & 22 version.
- It consists of an HEPA and ULFA filter.



## TRAY WASHING SYSTEM :



# OUR VALUABLE CLIENTS



Cleaning reliability of our product satisfy these clients.



**Ultramax Hydrojet Pvt Ltd** is pioneer and leading manufacturer of industrial cleaning system for past decade. We are specialist in manufacturing of high pressure water jet cleaning system for the complete range of cleaning requirement for the pharmaceutical industry for bulk drug, active intermediates, formulation and injectable with the optimal cleaning solution that suits to the individual cleaning requirements.

**Application :**

- Reactors ( SSR & GLR)
- Centrifuge
- Spray dryer
- Filter press
- AHU Pre Filter
- Bag filter
- Chiller tube.
- Oven Trays.
- Evaporator tube inside.
- Storage vessels.
- Vapor column.
- Condenser tube inside.
- FBD, RTVD, Blender, RMG, etc.
- Floor & partition cleaning.
- All process equipment cleaning.



If you have a concrete requirement for the use of our cleaning machines we guide to select a appropriate machine by

1. We expertise in providing cleaning solution to meet your cleaning task.
2. Taking trials at your end with our machine based on the product requirement

We look forward to arrange a meeting with you. Call us or mail your requirement.



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