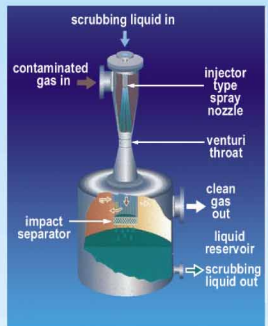




# WE SCRUB GASES OTHERS WON'T TOUCH

**Mazda-Croll Reynolds offer a variety of Wet Scrubbing Systems for cleaning and purifying air and other gases as well as reclaiming products instead of exhausting to the atmosphere**

## JET VENTURI FUME SCRUBBER

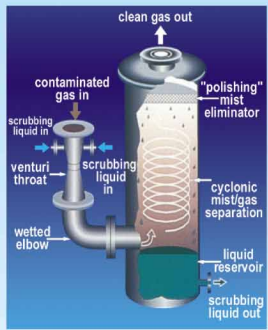


Mazda - Croll-Reynolds Jet Venturi Scrubber is a dependable device designed to entrain and scrub large volumes of gases without the use of complicated baffles or moving parts.

The motivating fluid, generally water, leaves the nozzle in a hollow

cone spray, creating a draft which draws the gases and vapors into the moving stream where they are continuously scrubbed / absorbed while subsequent separation is accomplished in units specifically designed by us to meet the state pollution control requirement .

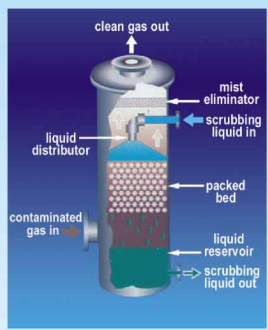
## HIGH ENERGY FUME SCRUBBER



(Mainly for particulate removal from boiler flue gas and Rotary Kiln exhaust gas)  
High Venturi scrubber uses the energy from a high velocity gas stream to atomize a liquid stream. The high atomization of the liquid and extreme

turbulence in the Venturi throat gives a Venturi scrubber a high ability to remove small microns or sub-microns dust particles. These scrubbers can be offered using a fixed throat or a variable throat design to suit the process requirement.

## PACKED TOWER SCRUBBER



The Packed Tower Scrubber can be designed to any particular efficiency desired. Our engineers can select the type of packing, scrubbing liquid and tower size best suited to your particular needs.  
Packed Tower

Scrubbers are available in a wide variety of materials of construction. Occasionally, space limitation or design limits requires the use of specially designed scrubber to give you an economical and trouble-free System

**Designed by  
Croll-Reynolds Inc., USA.  
Over 80 years of service to  
Chemical Process  
Industry**

- Our scrubbing systems working in India for the following applications.**
- HCL (Hydro Chloric Acid) recovery as well as scrubbing system.
  - HNO3 vapors (Nitric Acid).
  - H2SO4 (Hydrochloric acid).
  - SO2 (Sulphur Dioxide).
  - CL2 (Chloride).
  - Br2 (Bromine).
  - NH3 (Ammonia).
  - Methyl Mercaptan.
  - H2S (Hydrogen Sulphide)
  - Methanol Vapors
  - DMT (Dimethyl terephthalate) & Xylene scrubbing system.
  - NOx.
  - Ethylene Oxide scrubbing system.
  - Combination of HCL & SO2 system
  - Boiler Flue Gas containing particulate matter
  - De-dusting system on rotary kin Exhaust
  - Dust from lime kiln, etc.



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