



**Ravi Industries**  
Pressure Vessels & Skids

## SKID MOUNTED EQUIPMENT



### Salient Features

- About 1000 installations of HP / LP Dosing Systems
- Pay back for Blow down Heat Recovery system is as low as Six months
- A complete skid mounted solution, Plug and ready to use

## CHEMICAL DOSING SYSTEMS

In boiler, the feed water needs to be treated with chemical to avoid scaling inside the boiler. The process of adding concentrated chemicals in boiler feed water is called dosing. The equipment is used in boiler house, effluent treatment plants, and water treatment plants or in a process where controlled volume feeding of liquid is required.

Our in-house designed “LP and HP Dosing Systems” are compact in nature. A completely skid mounted solution with 100% service back up for a hassle free solution. It can also be coupled with an additional feature of cooling tower chemical dosing. A wide range of Dosing solution from 1lit/hr to 1000 lit/hr operating at pressure from 3 bar to 300 bar is available with us.

## BLOW DOWN HEAT RECOVERY UNITS

Significant amount of precious energy is lost while steam condensation in BDT. With our innovative design solution of Blow Down Heat Recovery Tanks, otherwise waste heat of blow down is used for indirect preheating of furnaces oil or boiler feed water thus reducing the steam consumption / electrical load and steam consumption in Deaerator. It avoids the loss of water, visibility of steam due to blow down flash steam helping the environmental clause. Pay back of system is as low as six month and is feasible for as small as 1TPH boiler.

## SKID MOUNTED DEAERATOR

We also provide a very unique skid mounted solution for Thermal Deaerators. The packages includes Deaerator tower mounted over boiler feed water storage tank complete with associated instrumentation piping loops and PLC control gears required for complete functioning of a Deaerators. It also comes with all the accessories like level switches, pressure relief valves, vacuum breakers, level gauges, vent valves, orifice plates, isolation valves etc. and required insulation with aluminum cladding.

This efficient and easy to install solutions is feasible for Deaerators up to 10 TON/HR. capacity.

### Our Clientele to whom we supply these vessels on regular basis is:-

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| ■ Thermax Limited, Pune                        | ■ Ankit Metal and Power Limited, Kolkata         |
| ■ Walchandnagar Industries Limited, Pune       | ■ Chemex Oil Private Limited, Himachal Pradesh   |
| ■ ISJEC John Thompson, Noida                   | ■ D. F. Power Systems Private Limited            |
| ■ Shri Bajrang Power and Ispat Limited, Raipur | ■ Rashmi Group                                   |
| ■ Ispat Godawari Limited, Raipur               | ■ Bhilai Engineering Corporation Limited         |
| ■ Shree Nakodalspat Limited, Raipur            | ■ Value Addition (DOHA Airport Project)          |
| ■ MSP Steel and Power Limited, Jamga, Raipur   | ■ JGC Philippines, (through ISJEC John Thompson) |
| ■ Gallant Metal Limited, Kutch                 | ■ Qatar Water and Electricity (through ISAF MTG) |

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Plants 2: Gat No. 1556, Plot No. 1419, Dehu-Alandi Road, Near Shelar Vasti, Chikhali, Pune - 412 114. Telefax: +91 20 6630 6634, 6630 6632.

Plants 3: Gat No. 171, Rupee nagar, Off. Talwade Road, Behind Huma Bakery, Talwade, Pune - 412 114.

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