



Manufacturers of IBR steam boilers

- We are a multidimensional engineering equipment supplier and service provider company established in 1989 and having more than 25 years of experience in boiler line.
- We are working with more than 700 industries across Gujarat including Silvassa and Daman.
- We have our own full-fledged offices and showrooms at prime locations in Ahmedabad, Ankleshwar, Valsad and Vapi.
- We have established a full-fledged manufacturing facility for IBR steam boilers at Vapi. We have dedicated team of trained staff, engineers, skilled & unskilled labours.



Multi-fuel fired boilers like coal, oil, gas, wood, agro waste etc. | Fully wet-back / semi wet-back / dry-back boilers. | Available capacity: up to 10 TPH | Pressure: up to 17.5 kg/cm²

Tube swaging

Tubes and pipes of different diameters are often joined in a flow process. For common materials and sizes, this is done by adding a nozzle or reducer to the larger tube. Two welds are made on regular ends, one at larger diameter tube and the other on the smaller diameter tube.

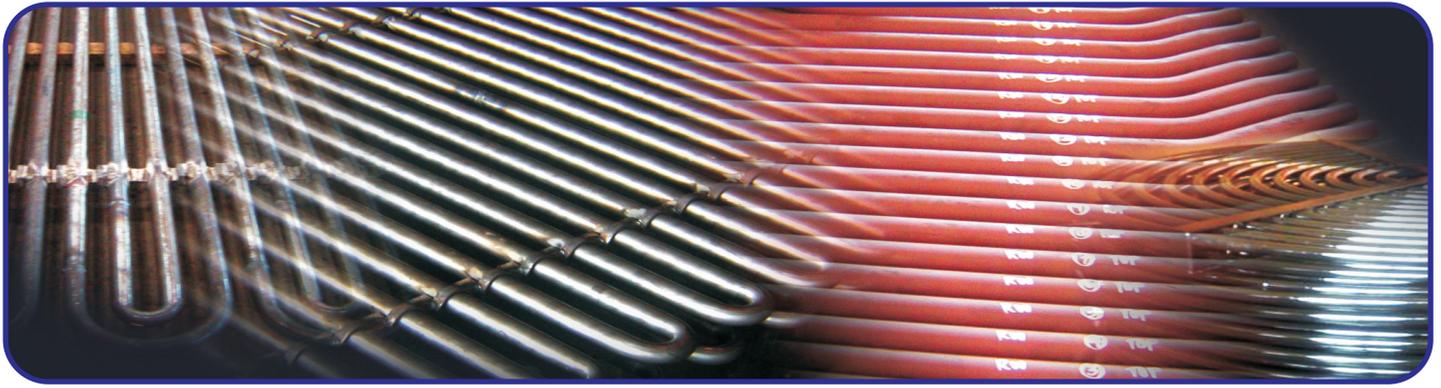
Tube swaging is a process where the cross sectional diameter of a tube at one end is decreased. Only one weld, at the reduced diameter is required to join two tubes or pipes.

Tube swaging offers the following advantages.

- Swaging becomes a necessity where standard reducers are not suitable due to the type of tube materials and non-standard sizing.
- Control of tapering angle leading to better flow control.
- Cost savings where swaging is carried out with tubes bending.
- Reduction in welding joints requirements leading to faster site construction.
- Customized factory fit and factory controlled quality.



Tube bending



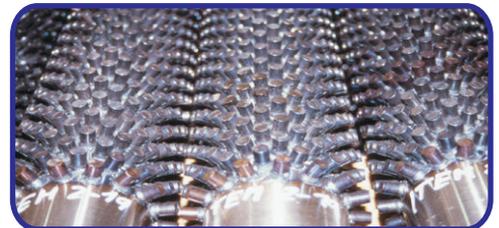
We provide mechanical cold bending services for ferrous and non-ferrous tubes. Our cold draw bend facilities can bend ferrous tubes up to 4 inches nominal diameters.

General configurations of bends are planar bends of elbows up to 180 degrees (U-bends). Three dimensional bends based on samples or drawings are also carried out. In general, bending is carried out after considering the bending ratio (i.e. radius of tube to center-line bends radius), strain, tube ovality and minimum wall thickness after bending.

Studded tubes

Studded tubes are used to increase the surface area to achieve higher heat transfer rates. They are used in fluidized bed coils and fluidized bed super heaters. They are also used in refineries as re-heaters.

We use stud welding machines using drawn arc method capable of welding studs up to maximum of 13mm dia at a much closed pitch of 63 stud planes per mtr (cross-linear). The material grade of studs and tubes can be similar or dissimilar of grades ranging from carbon steel to alloy steel (up to 9 Cr) to stainless steels.



Fabricators of



Chimney



Condenser / Water pre-heater



SS / MS Storage Vessel



Dust Collector / A.P.H.

Services available

- IBR boiler repairers & IBR pipeline fabricators
- IBR turnkey project works
- Industrial cleaning | Specialist in high pressure water jetting systems
- Micro-computer based thickness testing
- Energy audit on pumps

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