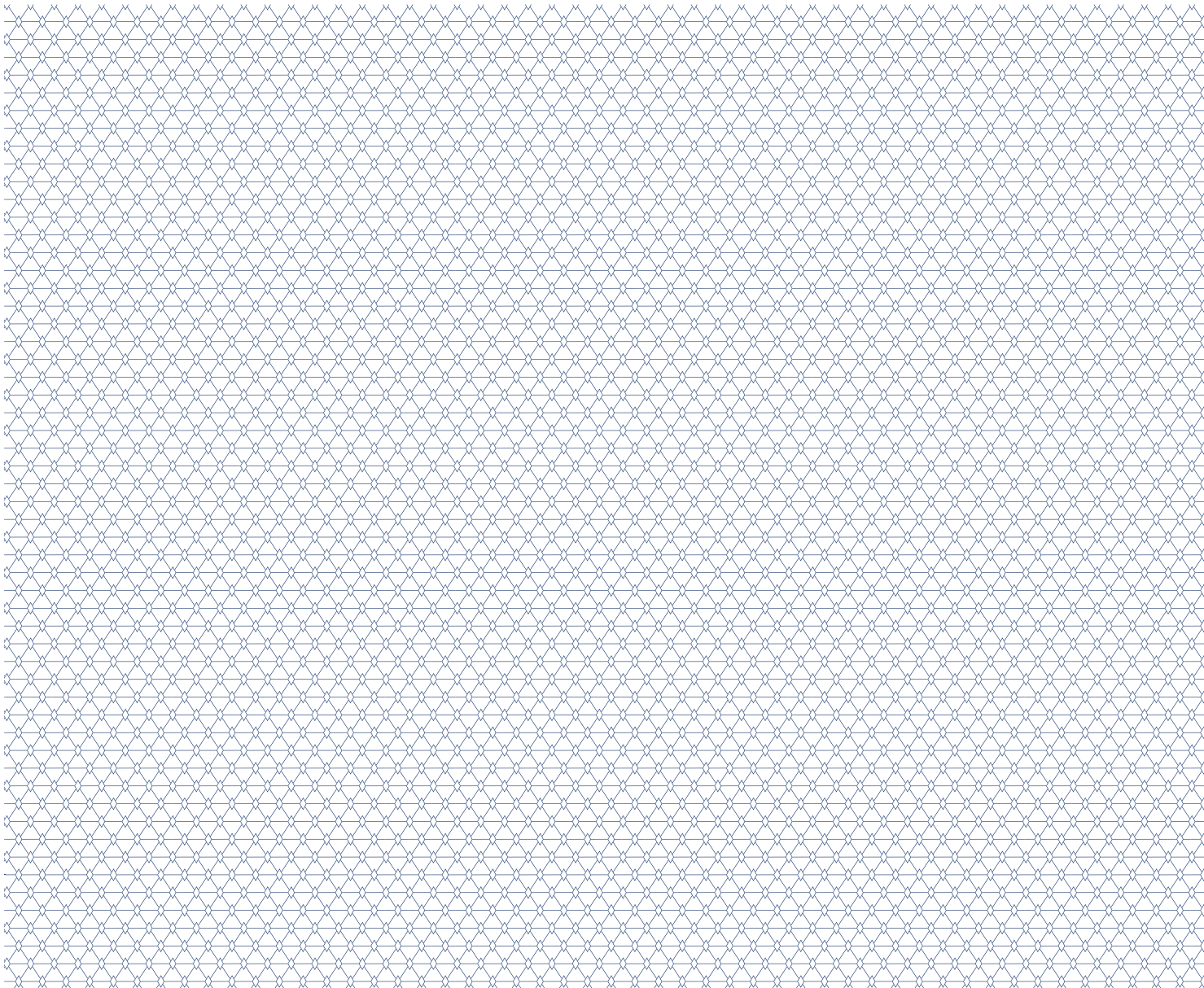
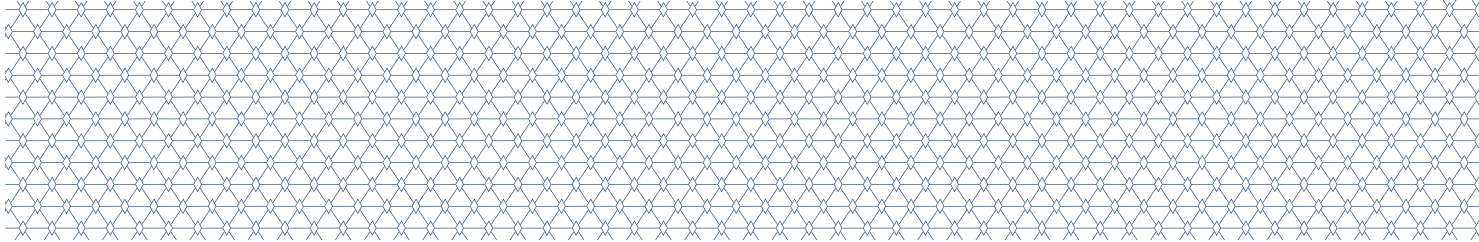
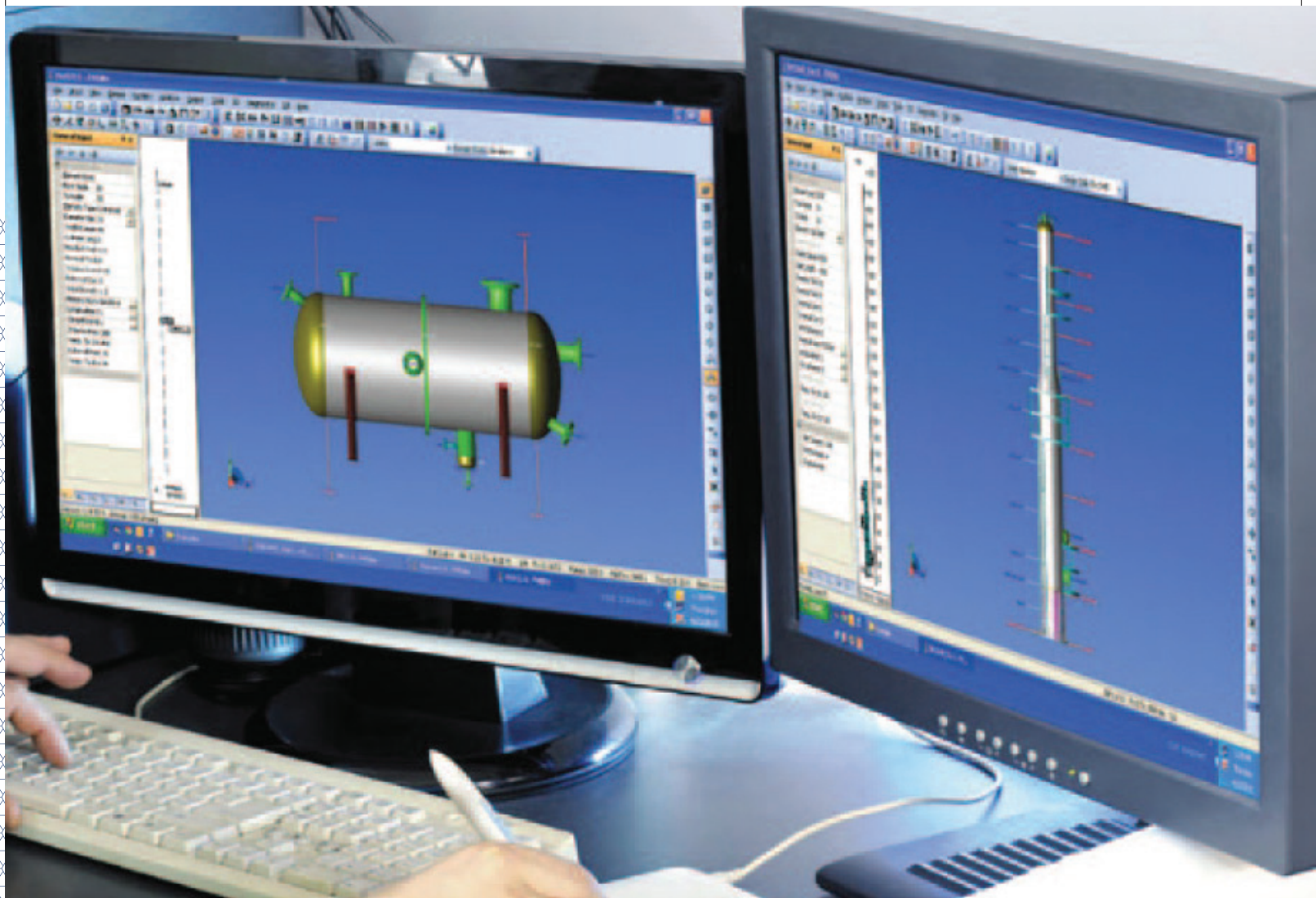




INDUSTRIAL STRAINERS AND PRESSURE VESSELS





FABRICATION CAPABILITIES

Our heavy-lift capability, modern fabrication, welding equipment and expertise in fabricating small to large & challenging vessels and strainers make Fleksindo as one of the fabricators of choice for buyers with competitive pricing.

From designing a special purpose of Pressure Vessels and Strainers for all industries.

Our service includes the following:

- ASME code calculation
- Wind load analysis
- Seismic analysis of vessels and their structure
- Fatigue analysis of vessels with thermal and mechanical loads
- Analysis of shell stresses due to applied nozzle load 911d external
- Load on types of equipment

ENGINEERING CAPABILITIES

For a decade, our manufacture has offered its customers the ability to provide an innovative engineering solution to problems facing many industries. Today PTHI is a full service fabricating and engineering company that offers its customers a wide array of uncommon services in the industry.

Our manufacture uses a combination of popular state of the art software, together with proprietary computer programs to analyze equipment and prepare calculations. We utilize popular AUTOCAD software to prepare two and three-dimension renderings of our design.

Our engineering service can be incorporated into the equipment we sell or can be offered as a standalone service to the customers performing budgetary analysis attempting to upgrade existing equipment or preparing design specifications.

Membership

- ASME
- PV Elite
- Code Cal
- TEMA
- EJMA

GENERAL PRODUCT AND CAPACITY

Pressure Vessels Industrial Strainers are special products for both general and heavy-duty industry. Our industrial strainer consists of Baskets Strainer, Y Type Strainer, T Strainer, Duplex Strainer and Cone Strainer.

We are an integrated supplier offering a wide-reaching array of products and services. Our large shop facilities allow us to fabricate vessels up to 20 ft (6.0M) in diameter, weighing up to 66,000 lbs (30,000 kg), and having an overall length up to 200 ft (60.8M). We are located in an international seaport with convenient access to all models of transportation.

Fleksindo fabricates virtually all metals that are used in the construction including carbon and low alloy steels, austenitic and ferritic grades of stainless steel, duplex steel, and nickel alloy.

QUALITY CHECK & ASSURANCE

Quality assurance is a way of life at our manufacture, one of the fabricators to embrace the ISO 9001-2008, 14001, 18001, PED 97/23/EC Module 01 & ASME "U" "R" & "NB" Stamped Company. Combining its vast experience in all kinds of industries with providing specialty equipment for severe providers.

Our manufacture with a unique feature on the connection between proactive prevention of quality anomalies and supplying equipment that will provide the owner with decades of successful and cost-effective operation. Fleksindo believes to provide assurance to our customers and ourselves the finest quality of product and service is available anywhere. Our first aim is to perform work of the highest attainable quality in accordance with applicable codes, standards and customer specifications.

Our Assurance will come through the following:

- ASME Sec VIII Boiler and Pressure Vessel code
- ISO 9001 - 2008
- ISO 14011 - 2004
- ISO 18001 - 2007
- PED 97/23/EC Module D1
- ASME "U" "R" & "NB" Stamp

OUR PRODUCT RANGE

- Pressure Vessels
- Reactor
- Columns
- Condenser
- Pig Launcher and Receiver
- Bucket/Basket Strainers
- Y Type Strainers
- T Type Strainers
- Duplex Strainers
- Cone Strainers
- Piping
- Prilling Towers and Silo
- Ducting and any kind all metal fabrications



STRAINERS

Strainers are tools used to protect downstream equipment such as spray nozzles, plate heat exchanger, meters, and pumps.

The difference between strainer and Filters is that strainer retains particles on the surface of its strainer element (i.e. on the mesh or perforated plate) whereas filter retains more particles inside the filter element body (i.e. filter cloth or filter cartridge) but it is common to use these two terms another way around in the industry.

PRESSURE VESSELS

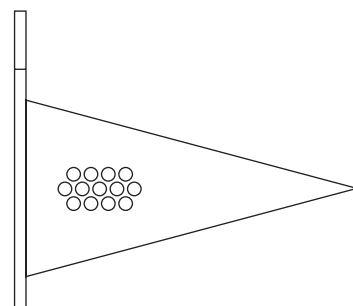
PED also has the ability to design and manufacture small, vertical or horizontal pressure vessels, piping spools, and pig launcher / receivers. Our manufacturing facilities can handle shell diameters to 2 m, overall lengths to approximately 4 m, made from carbon, stainless and chrome alloy steels; other materials on request. ASME Section VIII, Division I; or ANSI B31.XX series codes custom design and fabrication is our specialty.

CONE STRAINER

Used as a temporary strainer or can be used for the fine straining when lined with mesh. The material of the construction:

Advantages Low cost, easy to install.

Disadvantages Small surface area, the particles are accumulated outside the strainer element.

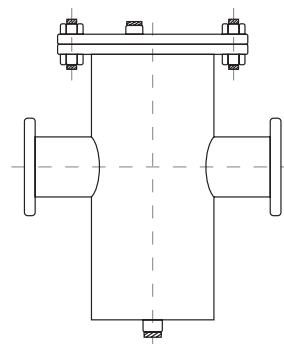


T STRAINER WITH V SHAPE DIAPHRAGM

Used for coarse straining. The material of the construction:

Advantages Cost-effective, large screen area than a cone and flat diaphragm strainer.

Disadvantages Lower dirt-holding capacity than the basket strainers.

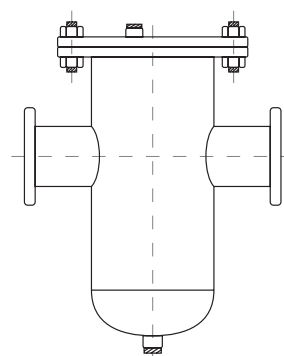


T TYPE INLINE BASKET STRAINER

Used for fine straining. The material of the construction:

Advantages Top entry makes its basket access very easy, large screen flexibility to adjust the basket area to cater for excessive flow rates, closed bottom basket particles with the basket option of the open bottom basket allows blowdown of particles.

Disadvantages None

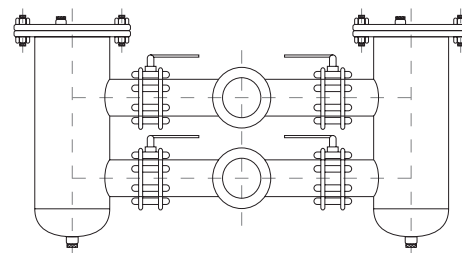


DUPLEX STRAINER

Used for fine straining. The material of the construction:

Advantages This strainer can ensure uninterrupted flow to the downstream equipment. The top entry makes its basket access very easy. Large screen flexibility to adjust basket area to cater from excessive flow rates closed bottom basket particles with the basket, option of the open bottom basket allows blowdown of particles.

Disadvantages None

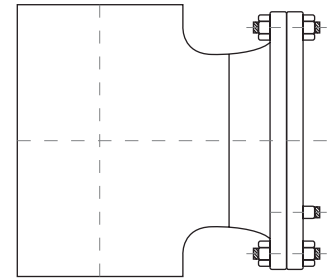


T STRAINER WITH FLAT DIAPHRAGM

Used for coarse straining. The material of the construction:

Advantages Low cost, larger screen area than cone strainers.

Disadvantages Smaller surface area compare to basket strainers, lower dirt-holding capacity, the dirt particles do not trapped in the element.

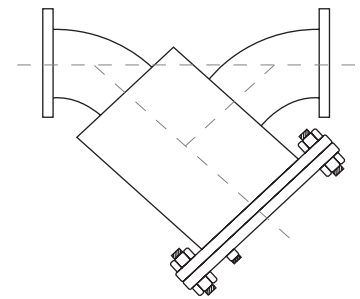


Y STRAINER

Used for coarse straining. The material of the construction:

Advantages Larger surface area, higher dirt-holding capacity.

Disadvantages Bottom access, difficult to handle especially large size body of flanges, open bottom basket let all dirt fall onto the floor.

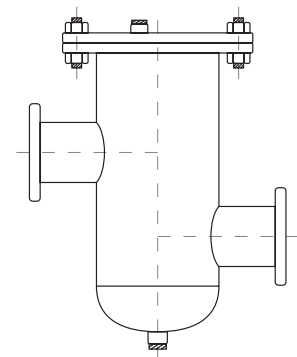


T TYPE OFFSET BASKET STRAINER

Used for fine straining. The material of the construction:

Advantages Top entry makes its basket access very easy, large screen flexibility to adjust the basket area to cater for excessive flow rates, closed bottom basket particles with the basket option of the open bottom basket allows blowdown of particles.

Disadvantages None



AUTOMATIC SELF CLEANING STRAINER

Used for fine straining. The material of the construction:

Advantages No manual cleaning is required and strainer is online all the time.

Disadvantages None

