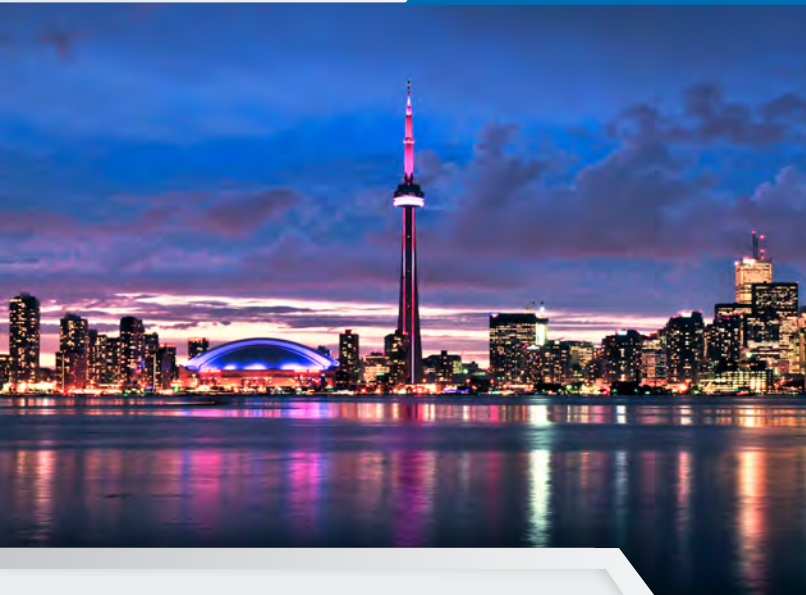


# INTRUMENTUM GROUP

TOP-NOTCH INDUSTRIAL EQUIPMENT SUPPLIER

**Build and Design Custom-made Process Equipments.**







- Competitive Pricing
- Efficient Sourcing
- Widest Product Range
- Fast and Best in Time Delivery



## OVERVIEW

Instrumentum Group was established in 2014 by experienced engineers and experienced sales teams with various industries background that includes process instrumentation & Control, valves, pipe & fittings, warehouse solutions, renewable energy, medical devices, commodities and supplies chain management. We aimed to maintain long-term commercial relationships with our customers, who value our reputation and market knowledge. Integrity is the first and foremost criteria that form the basis of our business at Instrumentum. We have a strong commitment to meet our customer needs and application while promoting business practices that respect our employees, our customers, our suppliers and the environment.

Instrumentum group is capable of delivering wide range of solutions for our customers under one window. We work with the best niche manufacturer's to provide quality products with economical prices and expedited delivery, by which customer can fulfill their requirement on time. We are prepared to assist customer in every inquiry whether it's for single equipment or a large project that requires multiple services. Not only we can provide equipment, but also we have the capability to provide the technical consultation on selecting the right equipment and efficient design.

## Best Quality Service...

Our professional team is enthusiastic to provide the highest quality of services in this very competitive industry. We maintain high international standards to fulfil the requirement of all our customer needs around the globe. Our main objective is to utilize our sales, technical & sourcing experts to select and source the customer's requirement from our principals or manufacturer to fulfill their application with quality products at economical prices on defined lead time.



### Highlights of our Services

Process Measuring/Control/Calibration  
Instruments Valves, Actuators, Pipe & Fittings Design control and measuring process loop Design total logistic solution system Warehouse Racking and MHE's

Renewable Energy & Explosive LED Medical Devices  
Build & Design Customized Process Equipment  
Marketing & Display Product.







*Our expert engineering team committed to provide excellent design, fabrication, installation & ensure that you get the most efficient and cost-effective design*

We supply Wide range of process equipment to meet industrial applications

Petrochemical

Power Generation

**Oil & Gas**  
**FERTILIZER** Precision  
Engineering



## Customize Engineering Solution Providers for your Industry

We are leading engineering company specialized in the supply of Technology Driven Equipment. We can carry out design, engineering, fabrication, installation and start-up of Process equipment like Heat Exchangers, Fired Heaters, Pressure Vessels, Economiser, Boiler & Heater, Finned Tubes, etc. for a wide range of applications in the Oil & Gas, Petrochemical Fertilizers, Power Plants, Pharmaceutical Industries etc. Process design, base and detailed engineering are executed by our team of experienced engineers, which take advantage from the use of the most advanced calculations and design software, which makes our company a recognized leader in providing the most sophisticated solutions to the Clients.



## Build and Design Custom-made Process Equipments...

- Heat Exchanger
- Economizer
- Pressure Vessel
- Boiler & Heater
- Dryers and Spray cooling Plat
- Flue Gas Cooler
- Shot Cleaning System
- Fired Heaters
- Steam Reformers
- Heat Transfer Equipment for Refineries and Petrochemical
- Finned Tubes



# Heat Exchangers

**Design.**

**Efficiency .**

**Quality.**

**We make it Happens.**



## Solution Provider for Heat Transfer System

We provide Custom-designed and built shell & tube heat exchangers such as Oil-to-Oil Economizer, Steam Condenser and Cooler. We also offer a variety of heat exchanger types include Air-Cooled Heat Exchanger and high-efficiency heat exchangers such as Corrugated/ Spiral Tube Heat Exchanger and Welded Plate Heat Exchanger. Our Heat Exchangers are designed and built according to major International Codes and Standards, such as ASME, PED TEMA and API.

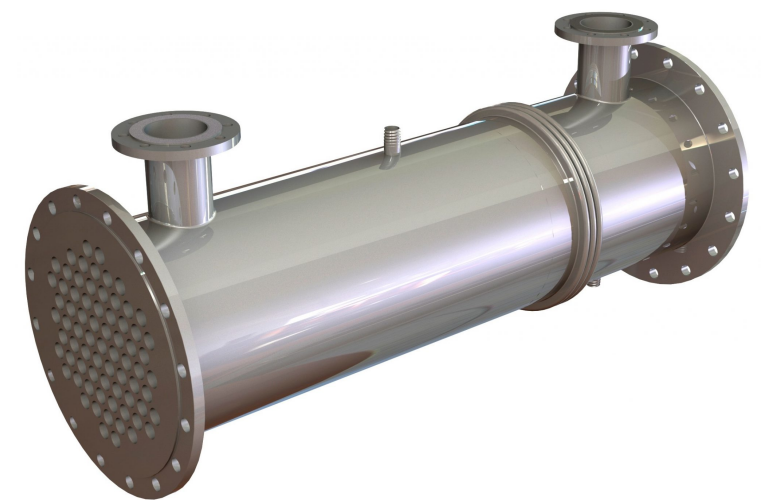
## Our Manufacturer

**ASME “U”, “H”, “S” & “R” Stamps Holder**



## We specialize in

- Shell & Tube Hx
- Air preheater / Cooler
- Plate & Shell Hx
- Fin Plate Cooler
- Spiral Hx
- Dimpled Plate Hx
- Steam Condenser



## Wide range of Heat Exchangers to meet industrial applications

- Oil & Gas
- Petrochemical Industry
- Food Processing
- Wastewater Treatment
- Fertilizers
- Distillery
- General Industry





# Boilers & Heaters



We supply Industry Boilers those are safe to use with easier operation to achieve maximum efficiency. We offer a package of Clean Steam Generator system include feed pump, feed tank, deaerator and water treatment. Our chimneys are manufactured to comply with British Clean Air Act.

## We specialize in

- HRSG-Heat Reclaimed Steam Generators
- Clean Steam Generators
- Electric Steam Boilers & Heaters
- Thermal Oil Heaters
- Imported High Pressure Boilers for Power Plant
- Hot water boilers
- Electrical Steam Boiler



# Pressure Vessels

Our manufacturer is one of the market leaders in fabrication of pressure vessels & they manufacture a wide range of process equipment such as Column, Fermenter, Reactor and Hot Water Tanks. We provide design and manufacturing service to serve food, petrochemical, chemical and oil-and-gas industries. Our pressure vessels and process tanks products are built in accordance with requirements of ASME 'U', 'H', 'S' and National Board 'R' Stamp.

## We specialize in

- Reactors, Distillation Columns
- Fermenters
- Pressure Filters & DI Column
- Ammonia Vessels
- Short Path Distillator (SPD)
- Wiped Film Evaporator (AWFE/ATFE)
- Falling Film Evaporator (FFE)
- Calorifier
- Sanitary Tanks
- Filter Presses
- DAP





# Fired Heaters & Air Coolers

We are the leading supplier of Fired Heaters, Steam Reformers and Heat Transfer Equipment for Refineries and Petrochemical Plants.

We specialize in

- **FIRED HEATERS FOR REFINERIES & PETROCHEMICAL PLANTS**
- **AIR COOLERS**

Our manufacturer has accumulated over 60 years of engineering experience in manufacturing as well as servicing hundreds of different types of heaters and reformers supplied worldwide. If required, the equipment can be engineered in accordance to the basic design of International Licensors like UOP, Axens, Chevron, Hal-dor Topsoe, Davy Process Technology, KBR, Exxon, and Stone & Webster, since has been selected as an approved constructor of their fired heaters. Equipment can be supplied worldwide either on FOB basis or on turnkey basis according to Customer requirements.

The following are the list of various type of heaters that can be supplied by manufacturer

- Refinery and Petrochemical Heaters: Reactor Charge Heaters, Reboilers, Regeneration, etc.
- Reaction Heaters: Visbreaking, Thermal Cracking, Coking, EDC Pyrolysis, and VCM.
- Steam Reforming Heaters: Haldor Topsoe, Davy Process Technology, and Kellogg Brown & Root
- Ethylene Cracking Heaters: Process Design of Stone & Webster and Lummus
- Waste Heat Recovery Units (WHRU): Gas Turbine WHRU, Waste Heat Boilers and Furnaces, etc.



*Replacement-of Platforming Furnace*



*Steam Reformer for 1500 MTPD Ammonia Plant*



*Air Coolers for Refineries and Petro-Chemical Plants.*

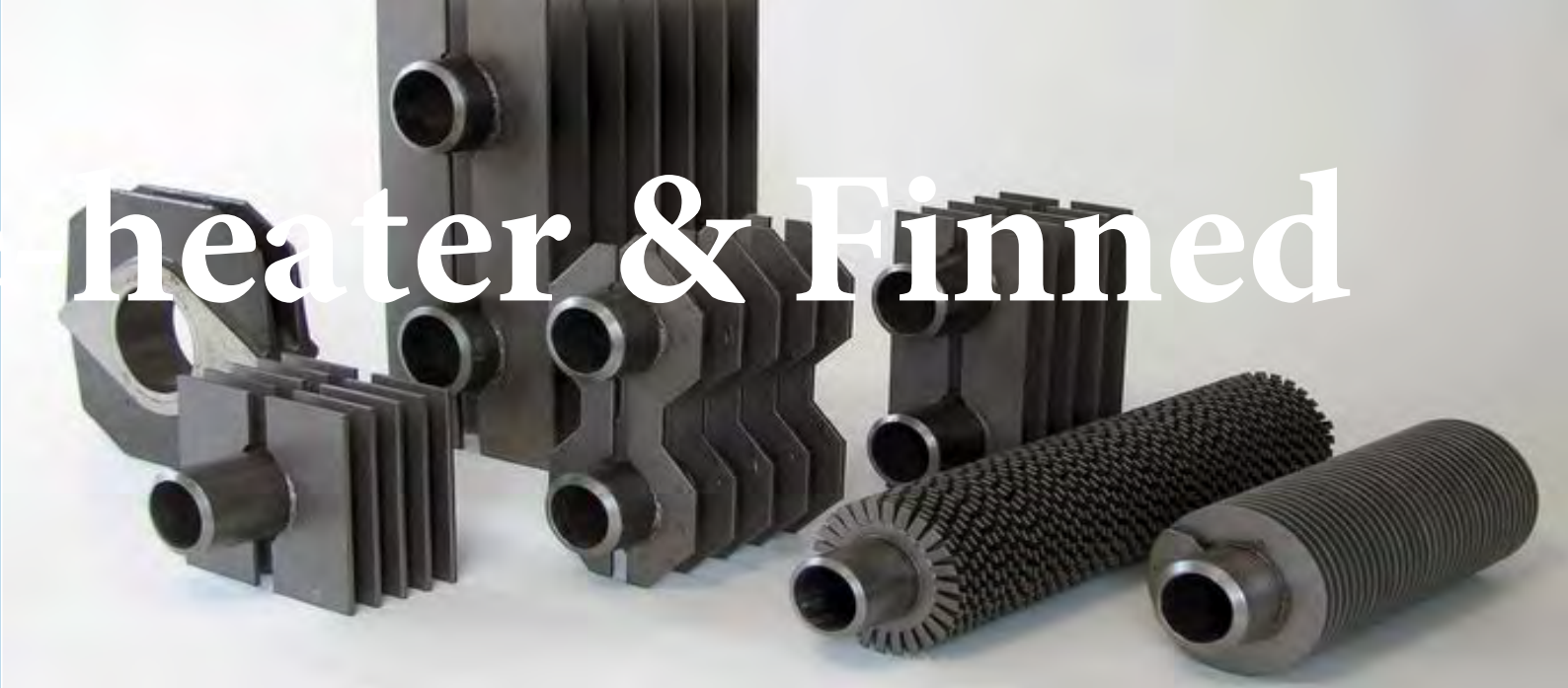


*Fully modularized Heaters for Condensate Project*





# Economiser, Preheater & Finned Tube



We design, and supply of Flue gas coolers, Economisers, Air-preheaters, shot cleaning systems and extended surface heat transfer tubes, spiral finned or gilled tubes, for utility power generation, industrial processes and marine applications.

- **ECONOMISERS**
- **FLUE GAS COOLERS**
- **AIR-PREHEATERS**
- **SHOT CLEANING SYSTEM**
- **FINNED TUBES** -L,LL,KL,GN & Extruded
- **LOW & MEDIUM FINNED TUBES**
- **TUBE SUPPORTS**
- **HEAT EXCHANGER/CONDENSER TUBES**
- **LOUVERS**
- **HEAT EXCHANGERS PARTS & ASSEMBLY**



*Economiser*



*Flue gas coolers*



*Finned Tube*



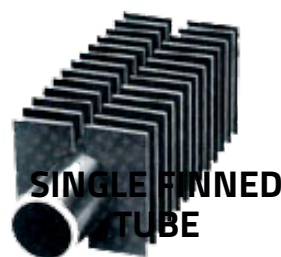
*Gasr-peheater*



*Shot Cleaning System*



*Parts & Assembly*



**SINGLE FINNED TUBE**



**DOUBLE FINNED TUBE**



**SPIRAL FIN TUBE WITH SOLID FIN**



**SPIRAL FIN TUBE WITH SERRATED FIN**



# Dryers & Cooling Plant

# Design & Built Plant

We provide custom design, fabrication, installation & commissioning of spray drying through our reputable manufacturer. In addition, we have a wide range of dryers such as rotary drum dryer, paddle dryer and mesh belt dryer for drying product or sludge. Application of dryer and spray cooling system is commonly used in food, pharmaceuticals, waste management and metallurgy industry. Our high quality spray cooling parts are imported from the respective countries such as Japan, Italy, Germany and USA.

## *We specialize in*

- Spray Chamber
- Cyclone
- Bag Filter
- Fluidised Bed
- Clean Air Cooler / Heater
- Air Duct
- Anti Caking Mixer
- Nitrogen Heater
- Twisted Tube Heat Exchanger
- CIP System



Our manufacturer has tremendous records in building process plant projects like Essential Oil, Herbal, Omega-3 Extraction, Palm Food Emulsifier Plant, Esterification Plant, Solvent Plant Industrial Autoclave and heat transfer system as a turnkey solution. They provide design, plant project management, involves EPCC, plant analysis, 3D design and automation according to the client's requirement.

## *We specialize in*

- ***Palm Emulsifier Plant***
- ***Reactor Plant & Co-Generation Power Plant***
- ***Waste Oil Purification***
- ***Palm Phytonutrient***
- ***Essential Oil Extraction***
- ***Tank Farm***
- ***Piping***







## Contact Information



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