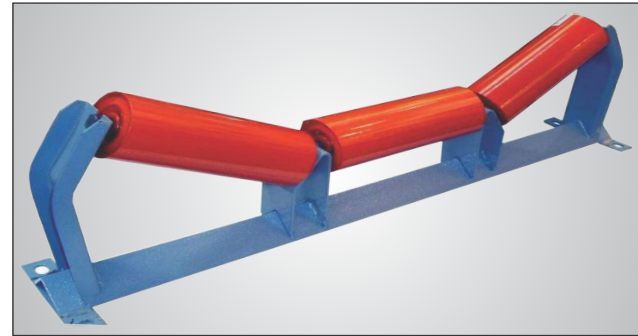
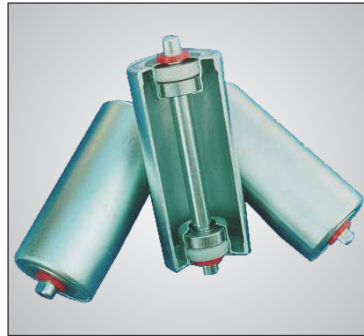


CONVEYOR ROLLERS

We are manufacturing high quality Conveyor Rollers System for **Crushing Plants, Cement Industries, Coal & Mines Industries, and Bulk material industries**. Our Company is known for providing Carrying Conveyor Rollers which are widely appreciated for high wear and tear strength. These products are manufactured with the help of the latest technologies and top quality raw materials, in strict compliance with industrial quality standards.

Features : Rollers are designed for smooth rotation, less noise, and long lasting life and are Water and Dust Proof. Each roller comes out through strict inspection and tests to ensure high quality.

Diameter range: 75mm to 219 mm, (other diameters available on request). **Pipe length:** 180mm to 1500 mm. **Roller Surface Colour :** Any color as per the customers request.



Specification

1). Pipe diameter (mm) :

60, 63, 76, 89, 108, 133, 159, 176, 194, 219

Length (mm):

190, 200, 240, 250, 305, 315, 375, 380, 455, 465, 525, 530.

Thickness (mm) :

3, 3.5, 4, 4.5, 5, 6

2). Shaft diameter(mm) :

19, 22.3, 25.4, 25, 32, 40, 50

3). Bearing size :

6104, 6204, 6205, 6305, 6206, 6306, 6307, 6308

4). Bearing Housing type:

pressed housing, cast iron bearing housing

5). Seal :

Multiple labyrinth seal, Waterproof, dust proof, corrosion resistance

6). Production capacity :

2000pcs/month.

CONVEYOR IDLERS - IMPACT IDLERS

Impact idlers are designed for loading areas of the belt, where belt damage is common due to the falling material and consistent impacts. Impact rollers absorb impact forces helping prevent damage to the conveyor belt, idler frame and surrounding structure from occurring.



CUSTOMIZED PRODUCTS

If a standard product is not the right solution for you, we also manufacture and supply **Customized Filtration Products, Sample Coolers, Heat Exchangers etc.**, Many of our Industrial filtration products are customizable (dimensions, components & material) to suit the needs of our customers.



GANAPATHY PNEUMATICS

Mfrs. of : Industrial Filters, Heat Exchanger, Oil Coolers, Conveyor Rollers

20-B, Perumal Kovil Thottam, P.N.Palayam Road, Ganapathy Post,
Coimbatore-641 006. Tamilnadu, INDIA

Phone: 0422 - 3509351 Mobile: 98422 53731, 98432 34535

E-mail: gafilters@rediffmail.com, gafilters@gmail.com

www.ganapathypneumatics.com

Manufacturers of :

Industrial Filters

Heat Exchanger

Oil Coolers

Conveyor Rollers



Customized Design

- **Filters**
- **Separators**
- **Oil Coolers**
- **Heat Exchangers**
- **Strainers**
- **APH Coolers & Filters**
- **Conveyor Rollers Etc.,**



GANAPATHY PNEUMATICS

Mfrs. of : Industrial Filters, Heat Exchanger, Oil Coolers, Conveyor Rollers

www.ganapathypneumatics.com

**Products
Catalogue**

About us

“Ganapathy Pneumatics” was incorporated in the year 2002 as a Sole Proprietorship (Individual) based entity with an objective of supplying optimum quality products to the nationwide market. We have our office and factory located at Ganapathy, Coimbatore, Tamil Nadu, South India.

We manufacture various products including all kinds of **Industrial Filters**, **Customized Filters**, **Air Oil Separators**, **Duplex Filters & Strainers**, **Self-Cleaning Filters**, **Oil Coolers**, **Heat Exchangers**, **APH Coolers & Filters**, **Conveyor Rollers** Etc.,

We can also supply components like **Compatible Replacement Filters**, **Filter Elements**, **Filter Cartridges**, **Filter Vessels**, **Filter Bags & Filter Housings**.

Each project we undertake helps us build up a wealth of knowledge and valuable technical expertise which enables us to deliver high-quality solutions in the future. What we learn helps us accelerate our abilities and enables us to develop innovative cutting-edge technology.

As a company we are completely committed to meet & fulfill the needs of our customers and ensure increased productivity, performance and customer satisfaction. We have proven success year after year with steady & continuous growth in staff, sales and most importantly **Customers**.

We are confident of being able to manufacture and supply products as per your requirements.

INDUSTRIAL FILTERS

We Manufacture all kinds of Industrial Filters including Air Filters, Oil Filters, Gas Filters, Liquid Filters, Pressure Filters, Self-Cleaning Filters, In-Line Filters, Return-line Filters, Spin-On Filters, Offline & Bypass Filters, Suction Filter, Bag Filter, Dust Collector Filters, Filter Bags. etc.,

Industrial filtration is the system through which industries separate their products from the debris and residue from the means of production, as well as other waste products. Filtration also focuses on the refined end product and the effective removal and drying of waste for safe disposal.

Industrial filtration systems are not limited to one variant and can operate on a start-stop or continuous basis depending on the needs of the business.

Filtration is an essential part of many industries, such as mining, liquid waste management, natural gas, food & beverage, water, power generation etc.,

Filter fabrics can be made from various types of fibers, including glass, synthetic, cellulosic, wool, metal, and ceramic.

Filters used in industry are usually named for the driving force behind their filtration properties. However, they may also be classified according to their mechanical and physical characteristics.



DUPLEX FILTERS & STRAINERS

Duplex filters are a valuable solution for applications where continuous fluid filtration is essential, and uninterrupted operation is crucial. They provide a balance between efficient filtration and minimal downtime by allowing for on-the-fly switching between two filter housings. This design ensures that the system remains operational even during maintenance or replacement of filter elements.

Duplex filters are made up of two separate simplex filter housings connected by two 3-way change-over valves. This allows for in-service cleaning of one filtering element without interrupting the process flow.

Duplex filters operate in a duty/standby arrangement. Smaller systems switch over with 3-way valves, while larger systems use inlet/outlet butterfly valves or ball valves.

Duplex filters eliminate process disruption and facilitate continuous and uninterrupted flow. The duplex basket-type strainer is more suitable for robust chemical and abrasive applications.

The usage of duplex filters is high in industries dealing with solid impurities, which may hamper the regular or smooth flow of the liquid. Another benefit of Duplex Filters is that it is easy to maintain cleanliness. These filters are used in pipeline systems wherein the flow of liquid cannot be stopped for any cleaning or maintenance purposes. These strainers act as filters by removing the hazardous elements, which may cause damage or stoppage to the entire operation in case they enter the system.

We manufacture all kinds of Duplex Filters & Strainers that is prevalent in the many industries like the Power, Food Processing, Chemical, Oil and Gas, Pulp and Paper, Metals and Mining, Pharmaceutical, Water and Waste Management Etc.,



SELF-CLEANING FILTERS

We also manufacture Self Cleaning Filters. A self-cleaning filter is a filter that continuously filters out particles from a fluid. It works by passing the fluid through a filter medium, such as a porous membrane. As the fluid passes through the filter, particles are trapped and accumulate on the filter medium.

Self-cleaning filters use system pressure to clean themselves. The filter's rigid cylinder screen strains particles from the water source, trapping debris on the inside. This buildup can cause differential pressure from the inlet to the outlet.

When the pressure difference reaches a default value, the differential pressure switch sends a signal to the PLC (program logic control). When the PLC drives the motor, the shaft begins to rotate, and the rotating brush can clean the impurities away from the inner surface of the screens.

Self-cleaning filters are important for applications that require a continuous flow of water, such as farm water systems and water treatment plants.

Here are some features of auto self-cleaning filters:

- Fully automatic
- Contactless cleaning
- Continuous & Effective filtration
- Cost efficient with minimal maintenance costs
- Pipeline and pump protection
- Suitable for filter fineness range between 0.1 mm to 4 mm (100 micron to 4000 microns)
- Flow rates up to 8000 l/h
- Negligible pressure drops
- Ease of operation and maintenance

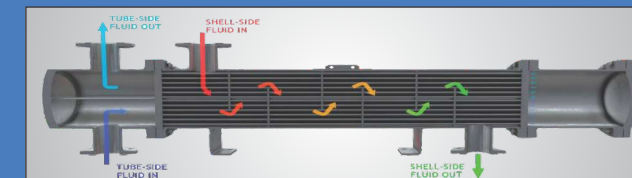


HEAT EXCHANGERS

A heat exchanger is an Equipment that facilitates exchange of Heat between two or more fluids of different temperatures. Depending on the type, the heat transfer process can either be gas-to-gas, liquid-to-gas, or liquid-to-liquid, and it can take place through a solid separator that prevents fluid mixing or direct fluid contact. Heat exchangers are used to give control over the temperature in various processes to improve efficiency, prevent overheating or other potential hazards and to improve safety.

For example, an oil cooler cools down hot oil by passing cold water next to the hot oil tube. The heat from the oil is transferred into the cold water, reducing the temperature of the oil. Wherever heat is

being generated in a process, heat exchangers are used to keep the process safe, as well as to use the heat energy most efficiently. As there are so many different places they can be used, there are a lot of different varieties of Heat Exchangers.



The main characteristics by which Heat Exchangers can be categorized are flow configuration, construction method and Heat Transfer mechanism.

We Manufacture various types of Heat Exchangers like Shell & Tube Heat Exchangers, Double Pipe Heat Exchangers, Sample Coolers, APH Coolers and External Oil Cooler Complete Assembly.

SAMPLE COOLERS

Sample coolers are small heat exchangers that cool samples from a process stream to the required temperature conditions for safe and immediate analysis.

They are low-pressure-drop systems that can monitor boiler water quality without shutting down the boiler system.

Sample coolers typically consist of a single, one-piece heat transfer tube, wound as a coil, housed in a cylindrical container called a shell.

The sample flows through a fixed volume, high pressure cylinder which is built inside the sample cooler shell, and the cooling water flows through the cooling shell.

