

Giliyal Industries

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GILIYAL INDUSTRIES

COMPANY PROFILE

GILIYAL INDUSTRIES

Giliyal Industries is a sole proprietorship and family-owned business based in Peenya Industrial Estate, Bangalore and is owned by Giliyal Jayaram Bhat.

It was founded on June 23, 1983 and has been providing high quality Blowers, Blower systems and Combustion Equipment for over 4 decades.

We have a well-equipped manufacturing factory with required machineries like Dynamic balancing Machine, Nibbling Machine, Co2 Welding, Arc Welding, Lathe machine, Drilling machine etc. We also have DG set as a stand by Power Source.

We manufacture Centrifugal Air Blowers and Axial Fans for various applications like Combustion, Exhaust, Ventilation, Hot Air Circulation, Dust Collection, Materials Conveying, Biomass Gas application etc.

We have developed Dust Collection units for companies such as MICO, L&T and BFW to name a few. We have also been supplying high quality Blowers to Toyota Group, Wheel and axel Plant, Tata Ceramics, Shardlow India Ltd, H&R Johnson, Birla 3M.

Quality is our primary motto and strength. We only use high quality, highly reputed raw materials and consumables. For example; we use Advani/Core weld Welding Coils and Rods, NTN/FYH/SKF Bearings, Fenner Pulley & belts, Unbrako / TVS fastners etc.

While we have our regular standard design and sizes, we also design and manufacture Blowers as per customer's requirements.

Giliyal is currently in the process of expansion under the leadership of G.J.Bhat and the management of Parvathi J Bhat and Squadron Leader Partha J Bhat (retd.).

MISSION

To manufacture high quality Blowers and Blower systems that are sturdy, dependable and trouble-free in performance while exceeding our customers' expectations in quality, delivery, and cost through continuous improvement in process.

RANGE OF PRODUCTS

No.	Product
1	Centrifugal Air Blowers (Induced Draft & Forced Draft) and Blower Systems Giliyal's Centrifugal Air Blowers are carefully and efficiently designed to render high performance with uninterrupted service. They are mainly divided into Direct and Indirect drive types. According to their application, they are also grouped as <ol style="list-style-type: none">1. Combustion and Pressure Blowers

	2. Suction or induced draft Blowers 3. Circulating fans and Blowers
2	Axial Flow Fans and Man Coolers : Axial Flow Fans : 500 mm to 1600 mm diameter [5,000 to 90,000 CMH]
3	Oil Burners (Low Air Pressure & High Air Pressure) : Burners to be used in Furnaces and Boilers to fire fuel -LDO / Furnace Oil / LSHS Capacity from 2 LPH to 100 LPH
4	Heating and Pumping Units [Simplex & Duplex type] : for Furnace Oil / LSHS These units are required to heat, filter and pump the fuel [Furnace oil / LSHS] to the Burner with required temperature and pressure setting. Simplex units will have 1no. oil Pump, 1no. Heater (with Heating elements, Thermostat & Thermometer on the pipeline), 2 nos. Simplex Filters, 1no.PRV, 1no. Motor, inter connecting Pipeline and a common base Tray. Duplex units will have 2nos. oil Pumps, 2nos. Heaters (with Heating elements, Thermostat & Thermometer on the pipeline) , 2 nos. Duplex Filters, 1no.PRV, 2nos. Motors, inter connecting Pipeline and a common base Tray. Advantage of Duplex system : for Uninterrupted working / 24 hrs. working./ Good for no breakdown condition. In these units 1no. Pump, Filter, Heater, Motor will act as standby and can be switched on when the other needs repair / maintenance. Best way is to switch over to the standby once in a week or fortnight .
5	Butterfly Air Valves They are made with cast iron / mild steel body with MS / SS internals for cold air or hot air applications respectively. The position of the flap is indicated on a graduated dial on top. It has either screwed ends or flanged ends.
6	Oil Pump Units Gear type oil pump with integrated pressure relief valve. Pressure up to 100PSI (7kg/Cm ²) and discharge up to 500 LPM (30,000 ltrs. per hour). Also the Pumps can be supplied with coupled to Ele.motor on a machined Base. The Motor will be selected depending on the size and required pressure of the Pump. Sizes: ½ , ¾ , 1, 1½, 2 and 3 inches
7	Tank Out flow Heaters : to be mounted on the day/service tank of Furnace oil. This outflow Heaters are fitted with heating elements and thermostat. Outflow Heaters will heat only the outgoing oil/fuel instead of entire quantity of oil in the tank. Hence lot of saving in power consumption.

8	Oil Line Pre Heaters: for heating Furnace oil / LSHS before supplying the fuel to the Burner.
9	Oil Filters : to filter before supplying the fuel to the Burner or the storage tank.
10	Oil Transfer Pumps. : refer item no.6 - Oil Pump Units. These units are used for transferring the oil from Lorry to storage tanks. And from storage tanks to service/day tank.
11	Ventilation Systems : These systems are designed and manufactured as per the customer requirements. Includes Blowers, Filters, Outlet grills, Ducting etc.
12	Dust Collection Systems : These systems are designed and manufactured as per the customer requirements. Includes Blowers, Cyclones, Filters, Ducting etc.
13	Fume Extraction Systems : These systems are designed and manufactured as per the customer requirements. Includes Blowers, exhaust hoods, ducting etc.
14	Kitchen Exhaust Systems : These systems are designed and manufactured as per the customer requirements. Includes Blowers, Exhaust hoods ,Filters, Ducting etc.

4 **LDO Pumping & Filtering Units [Simplex & Duplex] : for LDO**

These units are required to filter and pump the fuel [LDO / light oil] to the Burner with required pressure setting.

Simplex units will have 1no. oil Pump, 1 no. Simplex Filter, 1no.PRV, 1no. Motor, inter connecting Pipeline and a common Base .

Duplex units will have 2nos. oil Pumps, 1no. Duplex Filter, 1no.PRV, 2nos. Motors, inter connecting Pipeline and a common Base.

Advantage of Duplex system :

for Uninterrupted working / 24 hrs. working./ Good for no breakdown condition.

In these units 1no. Pump, Filter, Motor will act as standby and can be switched on when the other needs repair / maintenance.

Best way is to switch over to the standby once in a week or fortnight .