

Export Countries

- Indonesia
- Malaysia
- Bangladesh
- Nepal
- Mozambique
- Sudan
- UAE
- Saudi Arabia
- Yemen
- Oman
- CIS Countries



Innovation

Designed and Developed Rotary Vacuum Filter and supplied to Khandsari Unit (Small scale Cane Sugar Manufacturing unit) first time in India.

Designed and Developed Plate Heat Exchangers to cater to the Process Industry first time in India.

First time in India Designed and Developed Indigenous Spray Drier, first time in India.

Technology Arrangements

- Joint Ventures
- Manufacturing licence
- Marketing



Technology Export Development Organisation

A project of Confederation of Indian Industry (CII) & DSIR, Govt. of India

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FILTRON

Filtron Engineers Limited

Estd. : 1976

ISO : 9001-2000

Filtron is engaged in Design Manufacture and Installation of Flow equipments, Compact heat exchangers, Centrifuges, Thermal Process equipment catering to process Industries like Chemical, Pharmaceutical and Food Processing Industries.

Flow Equipments

Centrifugal and Rotary Piston Positive Displacement Pumps in Stainless Steel or other High alloy materials for Hygienic and Chemical / Pharmaceutical applications. (These are manufactured by Fristam Pumps (India) Pvt. Ltd.- joint venture with Fristam Pumpen Germany.)

Stainless Steel Pipe Fittings, Butterfly Valves, Safety Valves, Leakage Butterfly Valves, Single and Double Seat Valves, Tank top Fittings etc. for Food and Pharma application.

FILTRON represents the well-known German Company GUTH GmbH.



Compact Heat Exchangers

Plate Heat Exchangers

SIGMA range Plate Heat Exchangers are offered in Gasketed, Welded in Brazed version and cater to all Process Industries for a wide range of services.

These Plate Heat Exchangers are manufactured in Schmidt-Bretten (I) Pvt. Ltd. located in Sholapur in collaboration with API Schmidt Bretten Germany.

Corrugated Tube Heat Exchanger

SPIRATRON range of Tubular Heat Exchangers are manufactured using tubes with various corrugation patterns and in different versions of tube-in-tube or shell-and-tube configuration. These cater to a large range of Heat Exchanger applications involving High Pressure / Temperature as well as High Viscous product handling applications in a variety of Process Industries.

Welded Plate Heat Exchangers

WELDATRON Heat Exchangers manufactured from thin gauge Stainless Steel Sheets in single or double embossed version with dimples duly welded. The SPIRATRON and WELDATRON range of Heat Exchangers are manufactured in Pune/Chakan works of Filtron Engineers Ltd.

Centrifuges

Filtron offers Following comprehensive ranges of Centrifuges :

- 1) Batch type filtering / decanting Basket Centrifuges from Lab model to 1.5 meter diameter Basket in various versions.
- 2) Horizontal Scroll Discharge Bowl and Screen Bowl Centrifugal Decanters.
- 3) Horizontal Peeler Centrifuges.
- 4) Tubular bowl Centrifuges / Super Centrifuges.
- 5) Bowl / Disc type Centrifugal Separators.

These Centrifuges are manufactured by Real Centrifuges (Asia) Pvt. Ltd. In association With Spanish Company, Riera Nadeu And Italian Company, Frautech.

High Pressure Homogenisers And Piston Pumps.

These are used in a wide range of food, chemical and pharmaceutical applications. Homogenisers with special design are offered right up to 1000 Bars and abrasive products as well as, manufactured by Bertron Equipment Pvt. Ltd., Bhosari / Pune and supply critical components in technical association with Italian Company Bertoli

Thermal Process Equipment

Filtron offers wide range of equipments for Thermal Processing.

- Stainless Steel Process vessels with or without Thermal jackets.
- Scraped surface Heat Exchangers and Evaporators.
- Plate and Calendria type Evaporator on falling / rising film principle.
- Spray dryers using Rotary type atomizers.
- Can and Container industrial washing equipment for Cans and Containers.



Fruit and Vegetables Processing Equipments

- Fruit Processing lines
- Vegetables processing lines
- Fruit cleaning, washing and Grading Equipments
- Fruit Pulping, Juice extraction Equipments
- Fruit Juice Processing
- Fruit Juice/ Puree concentration
- Packaging-Cleaning and aseptic
- Process Integration

Applications

Consultancy

Installed Capacity of Major Products and Services

Registration with the Consultants

Third Party Inspection Agencies Recognition

Major Customers

- Union Beverages Factory
- Mizoram Food & Allied Industries Corporation Ltd.
- Cpricon Food Products
- Parle Exports Limited
- Excell Foods Pvt Limited
- Shivamrut Doodh Sangh Vashi Packing Unit.
- Shetkari Milk & Milk Products Kolhapur.
- Karnataka Milk Federation Gulberga
- Shivneri Dairy Pvt Limited
- Hope Saudi Juices Factory Jeeddah
- Thiga Soft Drink Bottling Factory
- Gulf Union Juices Factory - Riyadh
- Nile Soft Drinks Bottling Factory Sudan.
- Brindava Bottlers Limited (Franchisee of COCA-COLA India)
- Sun Milk Private Limited
- Penta Milk Chilling Plant
- Gulfa Milk Products.
- Kamdhenu Milk Products

Infrastructure

Five manufacturing locations in Pune and surroundings

Filtron Engineering Employs 74 Technical Manpower

Design

A full fledged development center with latest software's and small evaporator and spray dryer etc. used for Product trials

Major Machinery

- Radial Drilling Machine
- Planning Machine
- Turning Lathes
- Milling Machine
- Sheet / Plate Cutting Machine
- Plate Bending Roll Machine
- Welding Machines (Tig)
- Keyway Slotting Machine
- Section Bending Roll
- Grinding And Polishing Equipment
- Complete range of inspection and testing instruments



Financials

| year | Turnover of the company (Rs. in Lacs) | Exports (Rs. in Lacs) | R & D Expenditure (Rs. in Lacs) |
|-----------|---------------------------------------|-----------------------|---------------------------------|
| 2002-2003 | | | |
| 2003-2004 | | | |
| 2004-2005 | | | |