



Touching every corner of the world



Process Filtration Equipments

SHARPLEX FILTERS (INDIA) PVT. LTD.



Sharplex is a team of qualified and competent professionals with global exposure enriched with 25 years of experience in engineering establishments. The core competency of Sharplex lies in the process. Today the company has introduced process filtration equipments that are mainly import substitutes for Edible Oil, Chemical, Pharmaceutical, Petro-Chemical and Fertilizer industries.

Spread across total 80,000 sq ft; Sharplex has an in-house Cad-Cam design center and has latest softwares like Pv-Elite for ASME calculations and Solid-Edge for 3D drawings. The infrastructure comprises of a full-fledged high-tech design center, a pilot plant unit and state-of-the-art testing facility.

At Sharplex we make high performance, cost-saving process filtration plants of global standards. The ISO 9001:2008 certified company (with 'CE' marking) has completed more than 1500 successful installations in India and abroad.

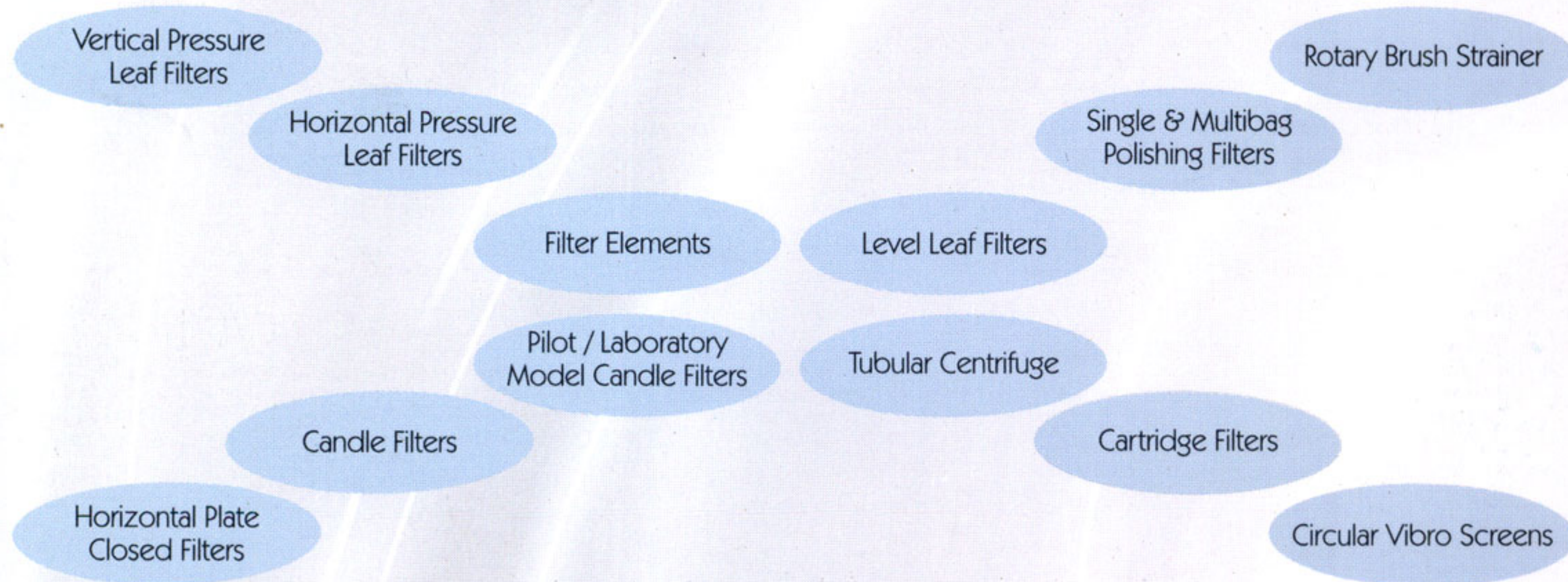


Rabale Factory- Unit I

When separation is real tricky,
the world trusts Sharplex.



customized design
precise manufacturing
flawless quality control
efficient customer care



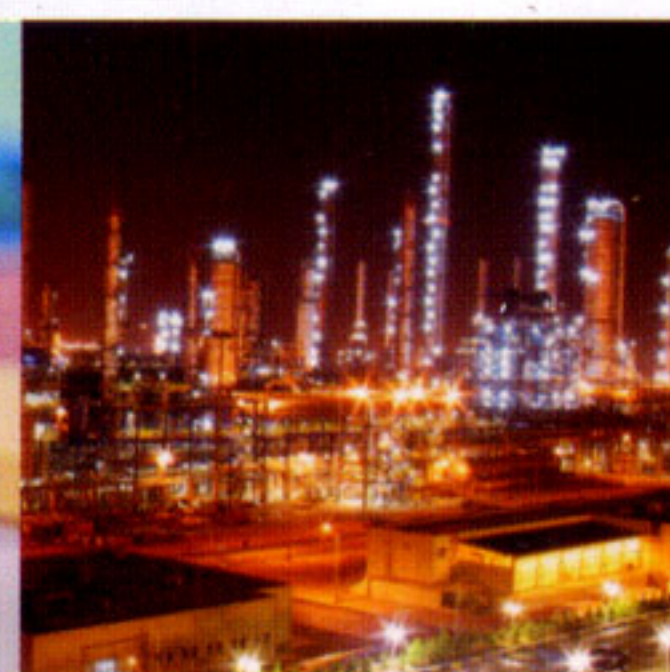
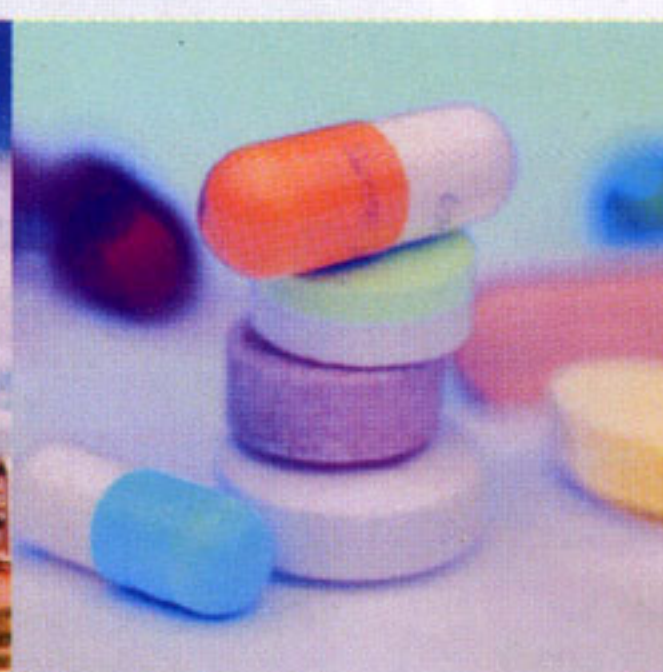
Food & Beverage

Chemical

Pharmaceutical

Petro-Chemicals

Edible Oil



Design

After understanding the customer's requirement, we develop a suitable design using high-end design software to achieve the most optimum solution for that particular application in filtration.

Manufacturing

Under the supervision of our qualified staff, the skilled personnel bring in their expertise to execute complex designs with a high level of precision. Such outstanding workmanship at every step produces high quality filtration equipments, which are further checked for performance at our in-house testing facility.

Quality Control

To ensure flawless quality, a team of qualified and experienced, engineers and other professionals, keep a continuous check over our quality systems and procedures. Pursuing such high quality standards has helped us in acquiring the ISO 9001 certificate.

Customer Care

Whenever our customers need us to attend to a problem or a query, we are always there, anytime, right through the year. The result of all this has been a high level of satisfaction to our customers, for whom we provide efficient and economical solutions to all kinds of process filtration requirements.



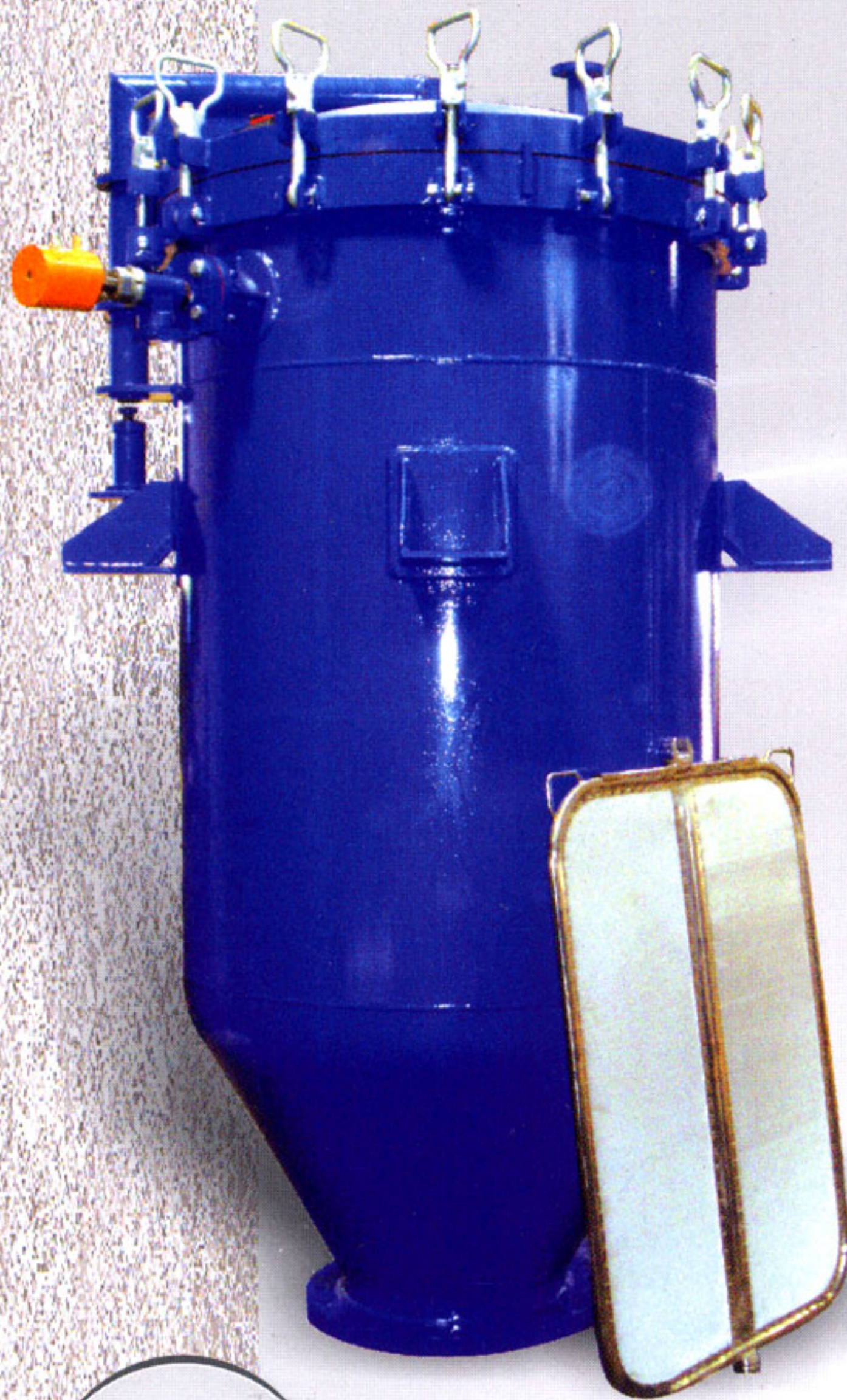
At Sharplex, we make high performance, cost-saving process filtration plants of global standards.

That's why world's leading process industries come to us.

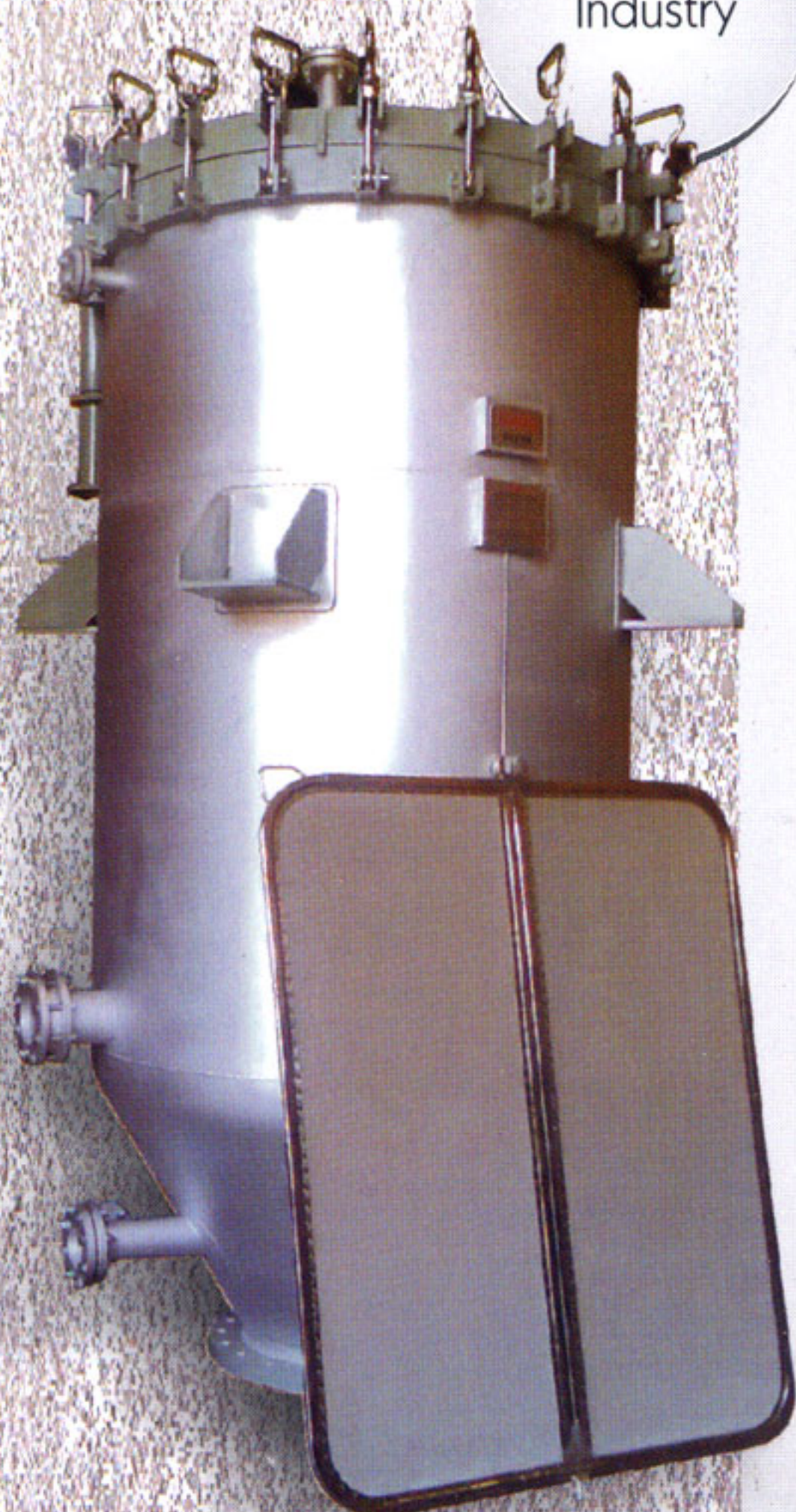
Sharplex has completed more than 1500 successful installations in India and abroad, exporting to more than 30 countries.

- Africa
- Australia
- Bangladesh
- Belgium
- Bulgaria
- China
- Columbia
- Costa Rica
- Croatia
- Denmark
- Dubai
- Ecuador
- Egypt
- France
- Greece
- Indonesia
- Iran
- Italy
- Jorden
- Kenya
- Lebanon
- Mexico
- Nigeria
- Norway
- Pakistan
- Philippines
- Poland
- Romania
- Slovakia
- South Africa
- Sri Lanka
- Syria
- Taiwan
- Thailand
- Turkey
- Ukraine
- USA
- Uruguay

PRESSURE LEAF FILTER



With Sluicing



In SS for
Pharma
Industry

For filtration of liquids with suspended solid contents upto 7%. No filter cloth requirement. Automatic dislodging of filtered cake by pneumatic vibrator or oscillating sluice header. Dry or wet cake discharge is possible. Filtration area upto 120m².

Applications

- Bleaching earth/activated carbon
- Resins
- Sulphur
- Glucose
- Brine
- Electrolyte
- Crude oil
- Ni-catalyst
- Fatty acid
- Winterisation

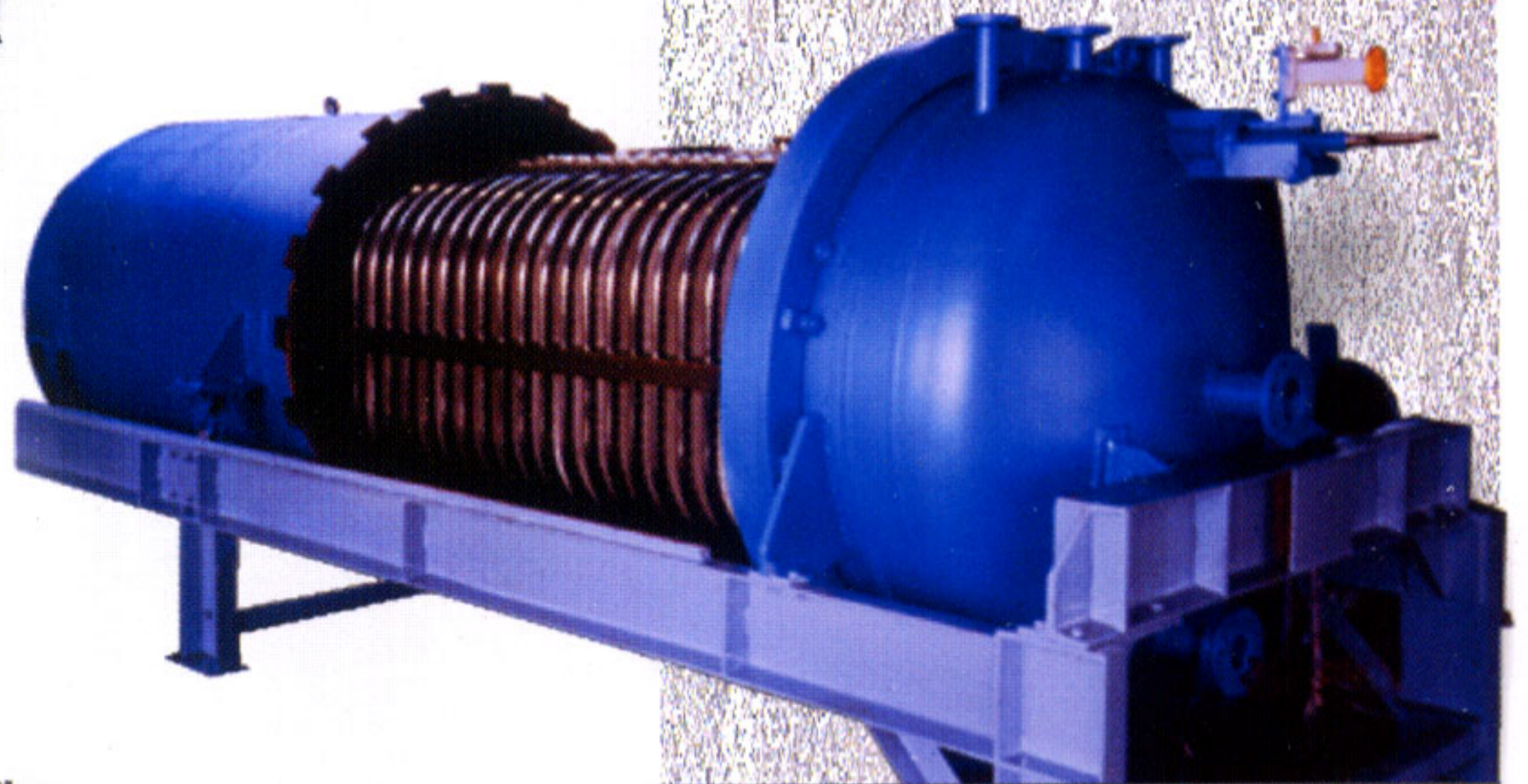
HORIZONTAL PRESSURE LEAF FILTER

Sharplex horizontal Pressure Leaf Filter (shell retraction or bundle retraction) features horizontal pressure vessel, filter leaves, pneumatic vibrator assembly, bottom structure housing, hydraulic power pack for bonnet ring opening/closing and shell or bundle retraction. Filter leaves are mounted on a central outlet manifold with perfect 'O' ring sealing. Filtration areas from 2m² to 200m². Dry cake discharge or wet cake discharge is possible.

Material of construction : Stainless steel, Carbon steel with rubber, PP, PVDF lining, Monel, Inconel, etc. 'O' ring sealing are available in BUNA-N, Viton, EPDM, Nitrile, Silicon etc.



Bundle Retraction Design



Shell Retraction Design

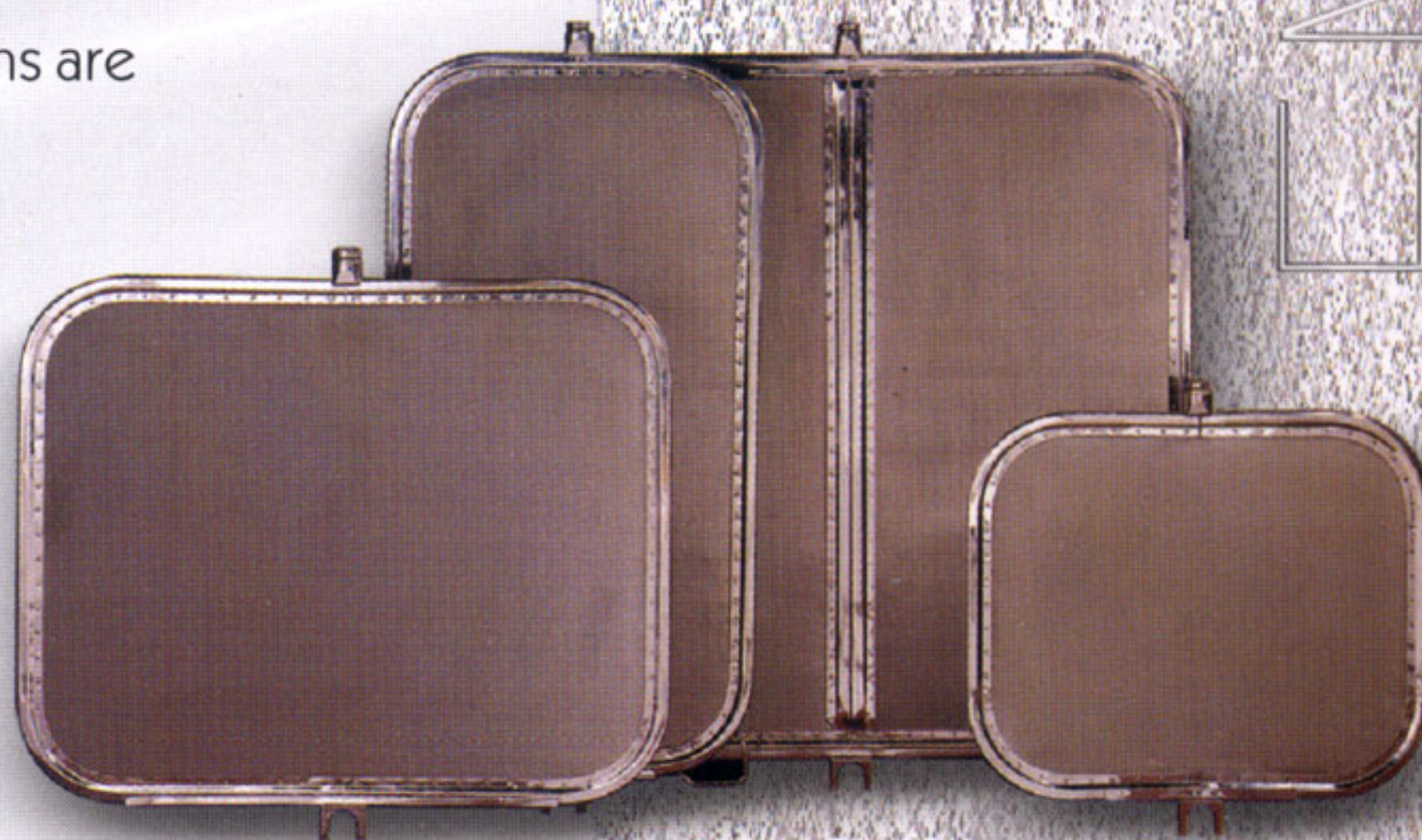


Molton
Sulphur
Filter

HORIZONTAL

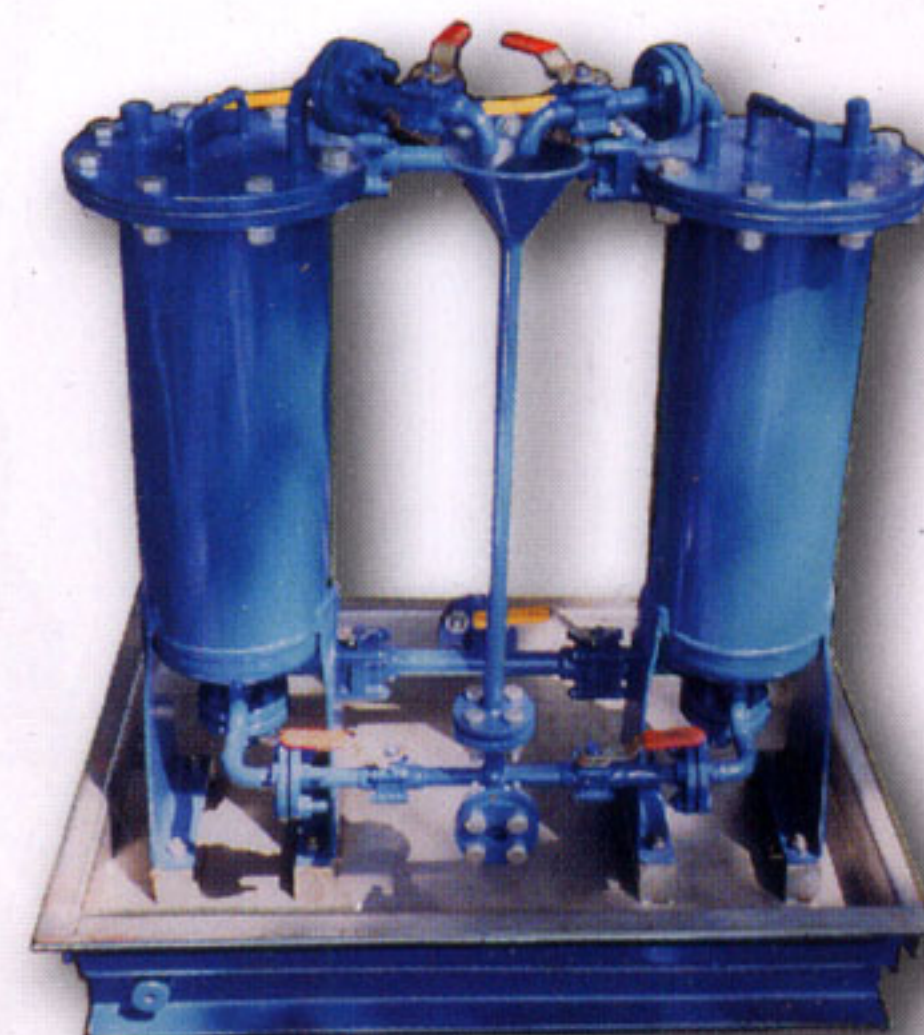
FILTER ELEMENTS

Sharplex manufactures wide range of filter elements for vertical or horizontal pressure leaf filters for any sizes and any makes. Filter elements are manufactured with '5' layer or '3' layer design, riveted or bolted depending on the requirements. With many years of experience in manufacturing the filter elements and with excellent workmanship many European companies are our OEM clients. The filter elements enveloped with filter cloths are also available.



SINGLE & MULTIBAG POLISHING FILTERS

Sharplex Single or Multibag polishing filters are basically used for post filtration. The baskets are fitted with quick opening type arrangements. Filter bags used are PP, PPS, Polyester Polyamide or special material depending on process conditions. Depending on flow rate single or multibags can be supplied.



ROTARY BRUSH STRAINER

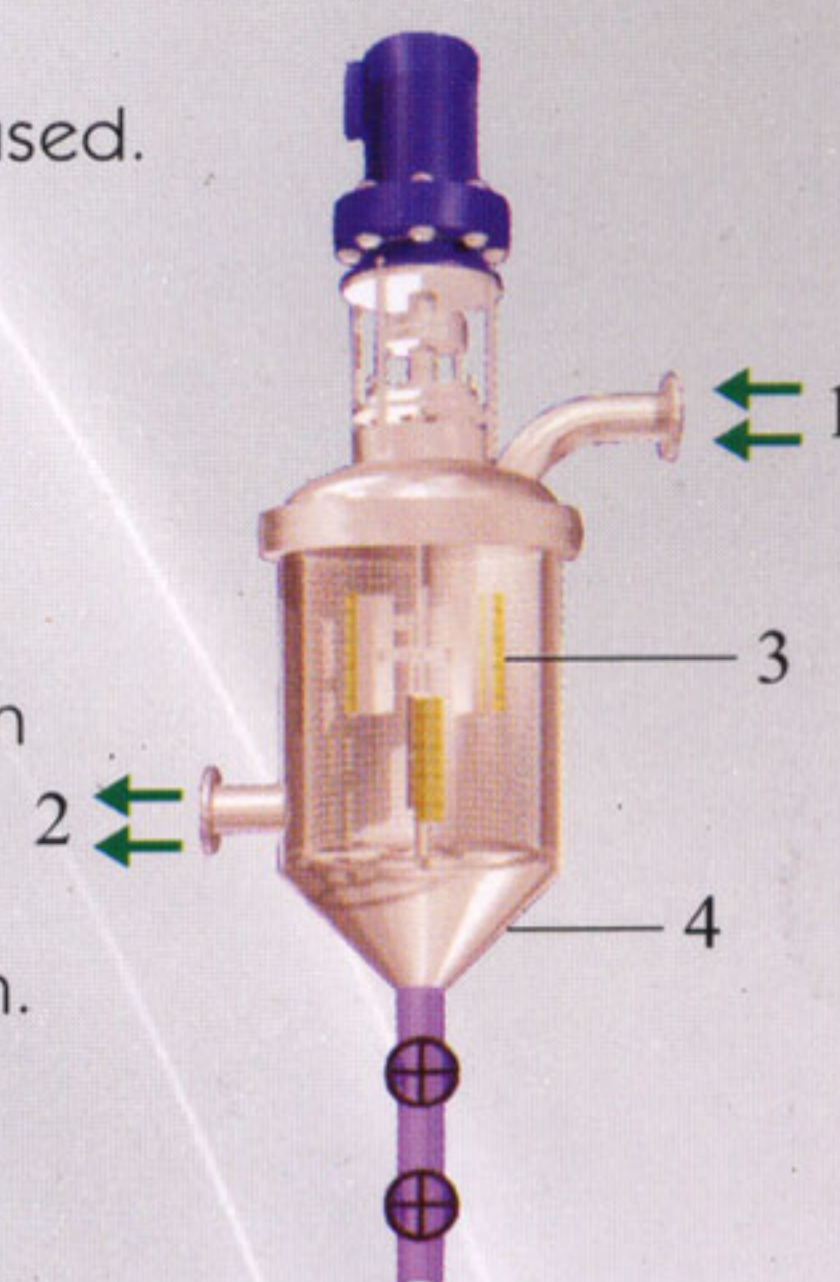
Sharplex Rotary brush strainers are basically on line filters and can be operated fully automatic

Features

- Self cleaning continuous separation of solids from liquids. Changeable filter elements
- V-wire element upto 5 micron can be used.

Applications

- To reduce load on centrifuges
- Chemical • Edible • Pharma Industries
- Resin • Lacquers • Toothpaste filtration
- Printing Ink filtration
- Palm Oil industries for crude oil filtration.

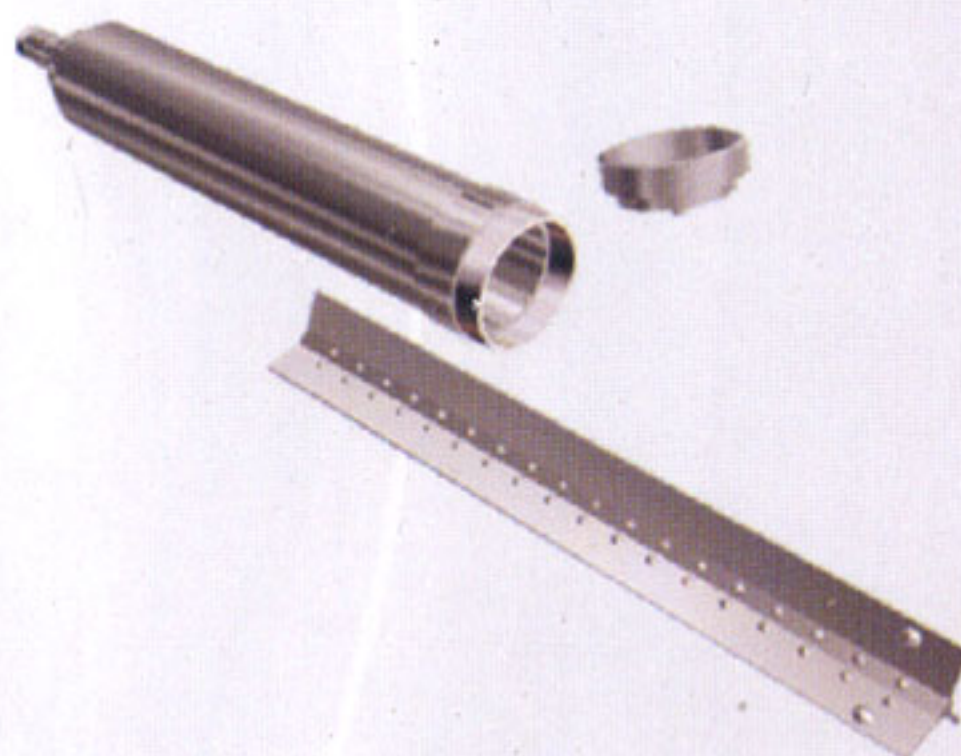


TUBULAR CENTRIFUGE

High speed separation & clarification. Sharplex Tubular centrifuge is a high speed solid bowl type machine for continuous separation of two immiscible liquids with density difference. This centrifuge is also used to separate small quantity of impurities from liquids.

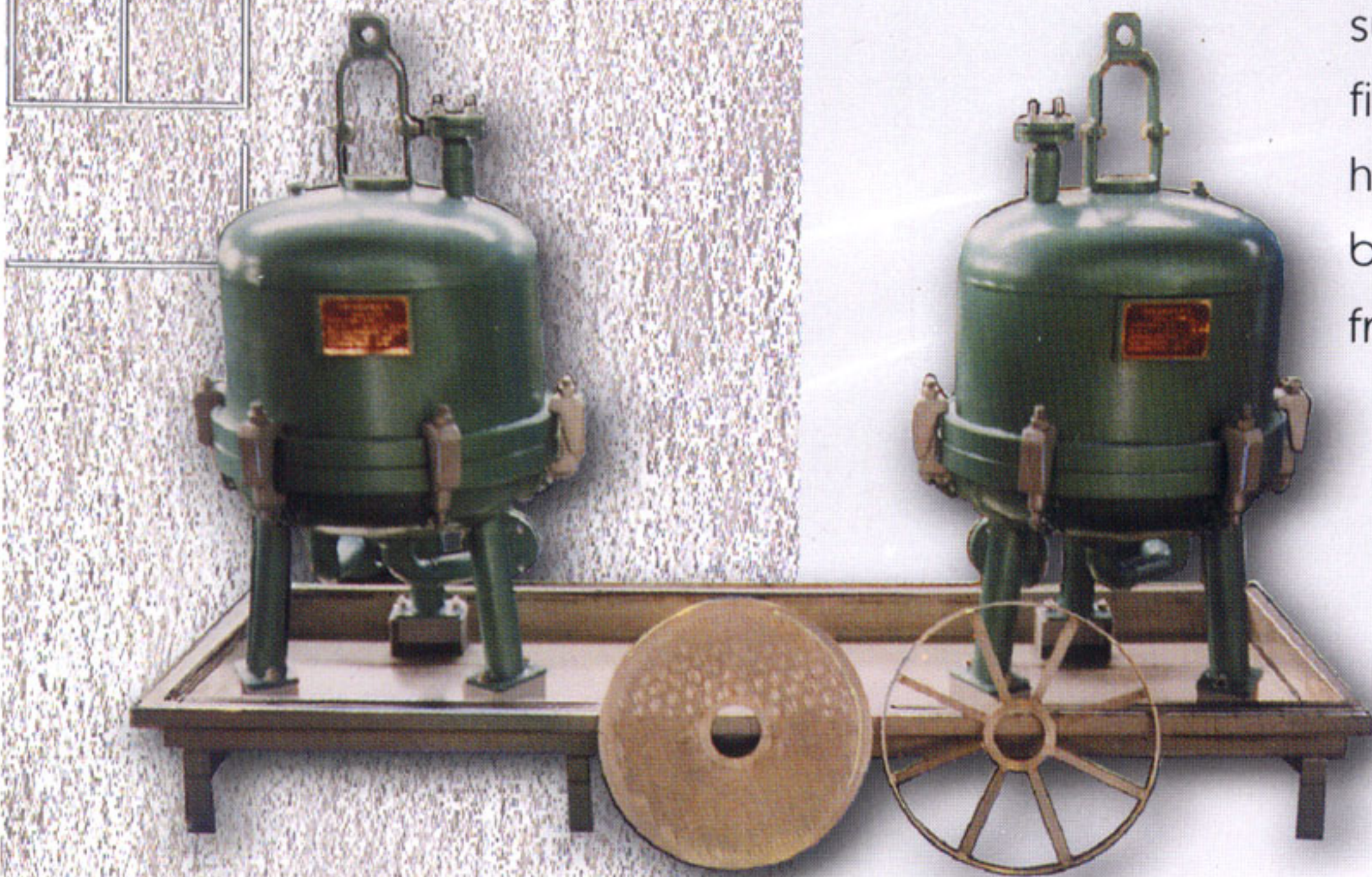
Applications

- Pharma
- Chemical
- Food industries
- Edible oil industries
- Printing Ink
- Paint industries
- Gum clarification etc



LEVEL LEAF FILTER

Sharplex level leaf filters are used for polishing filtration in post filtration stage to trap the fine particles from the filtrate of main filter. The filter elements have filter surface at both the sides and hence this filter becomes very compact even at higher filtration areas. The filter medium can be cloth or paper. The filters are available from 2m² upto 15m².



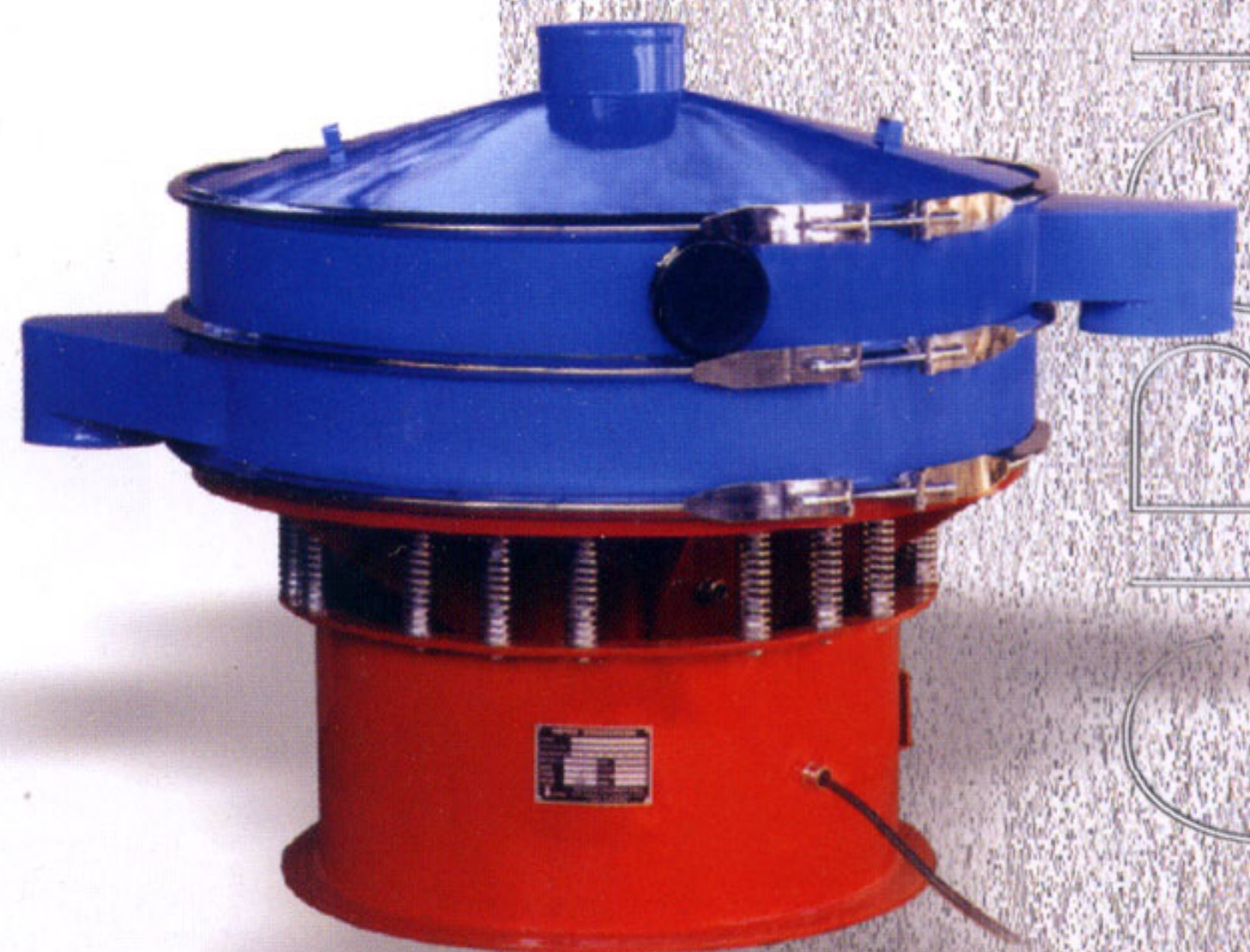
CIRCULAR VIBRO SCREENS

Most Efficient Vibrating Screen for Wet & Dry Screening

- Trouble free operation
- No Screen Blinding
- Long life with self Compensating screen tension
- No transmitted Vibrations
- Simple & Economical.
- Sizes available 18", 24", 48", 72.

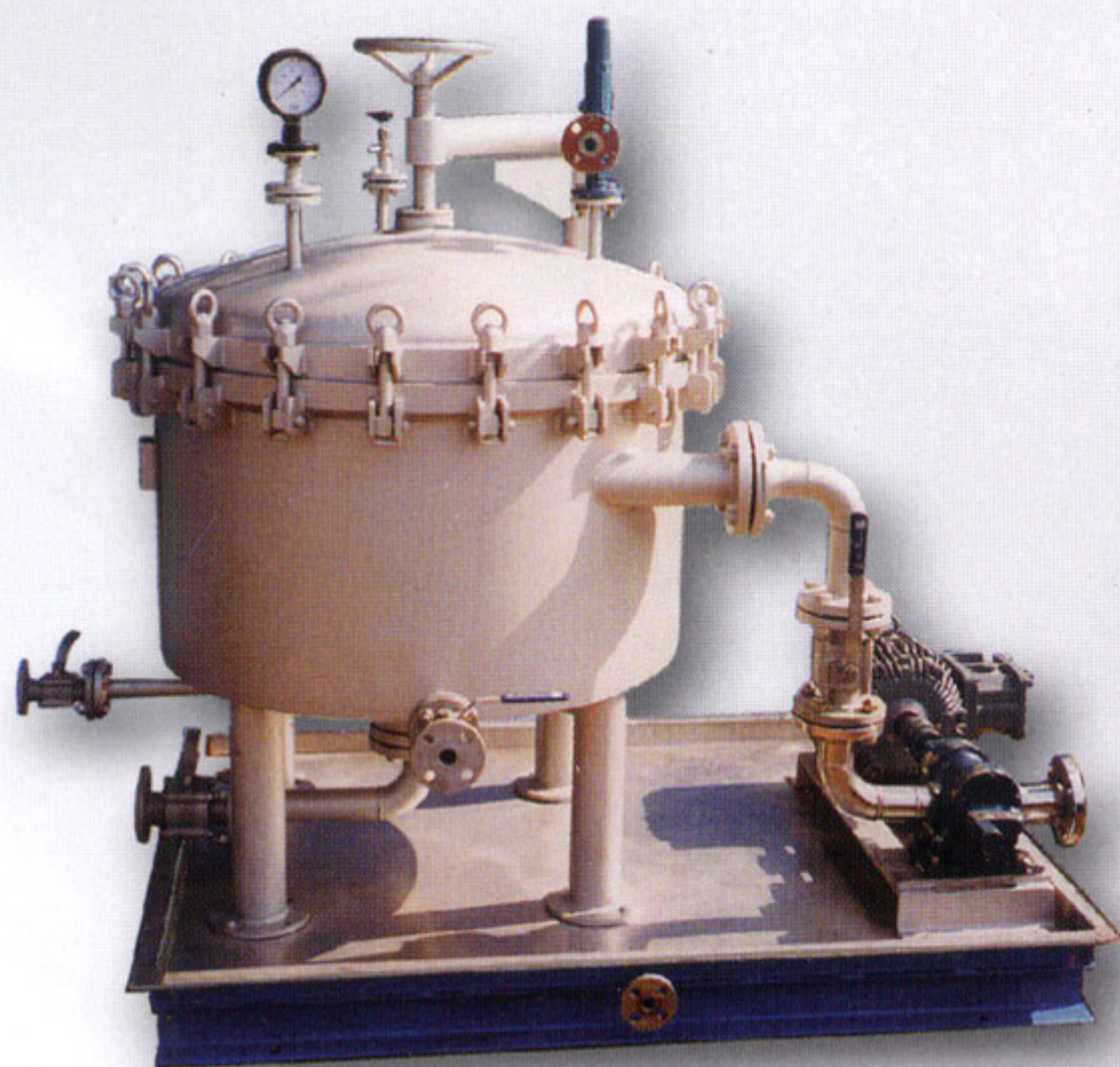
Applications

- Paper & Pulp • Chemical
- Pharmaceutical • Grains • Sugar
- Food • Ceramic Industries • Oil mills.



HORIZONTAL PLATE CLOSED FILTER

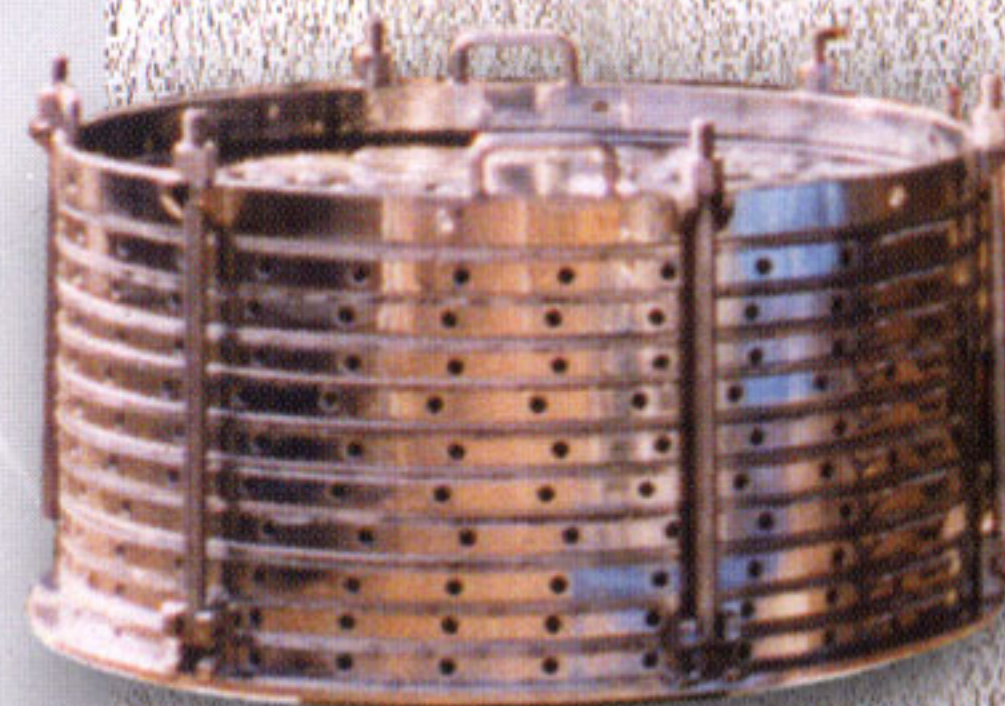
Sharplex horizontal plate closed filter is Used for filtration of small batches in Pharma, Chemical, Edible oil, Food Industries, Complete products recovery is possible with scavenger plate. GMP models are available, models are ranging from 8", 14", 18", 24" & 33". Material of construction In SS304, Ss316, PP, PVDF, Hostelloy more etc.



Standard Model
Horizontal Plate Closed Filter



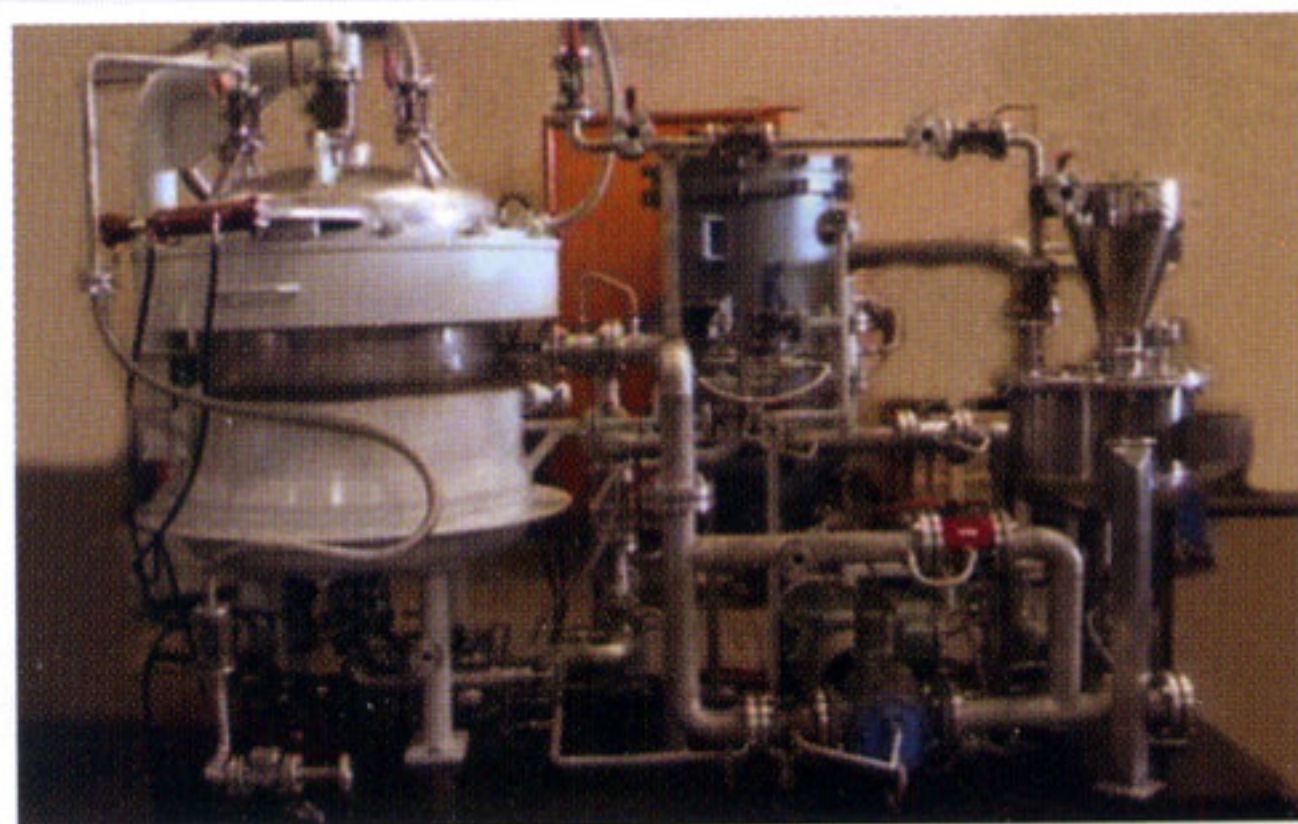
Zero hold up Horizontal Plate Closed
Filter with Hydraulic tightening



Filter Cartridge

Applications

- Pharma & Food
- Processing
- Varnish
- Lacquer
- Resin
- Beverage
- Edible oil etc.



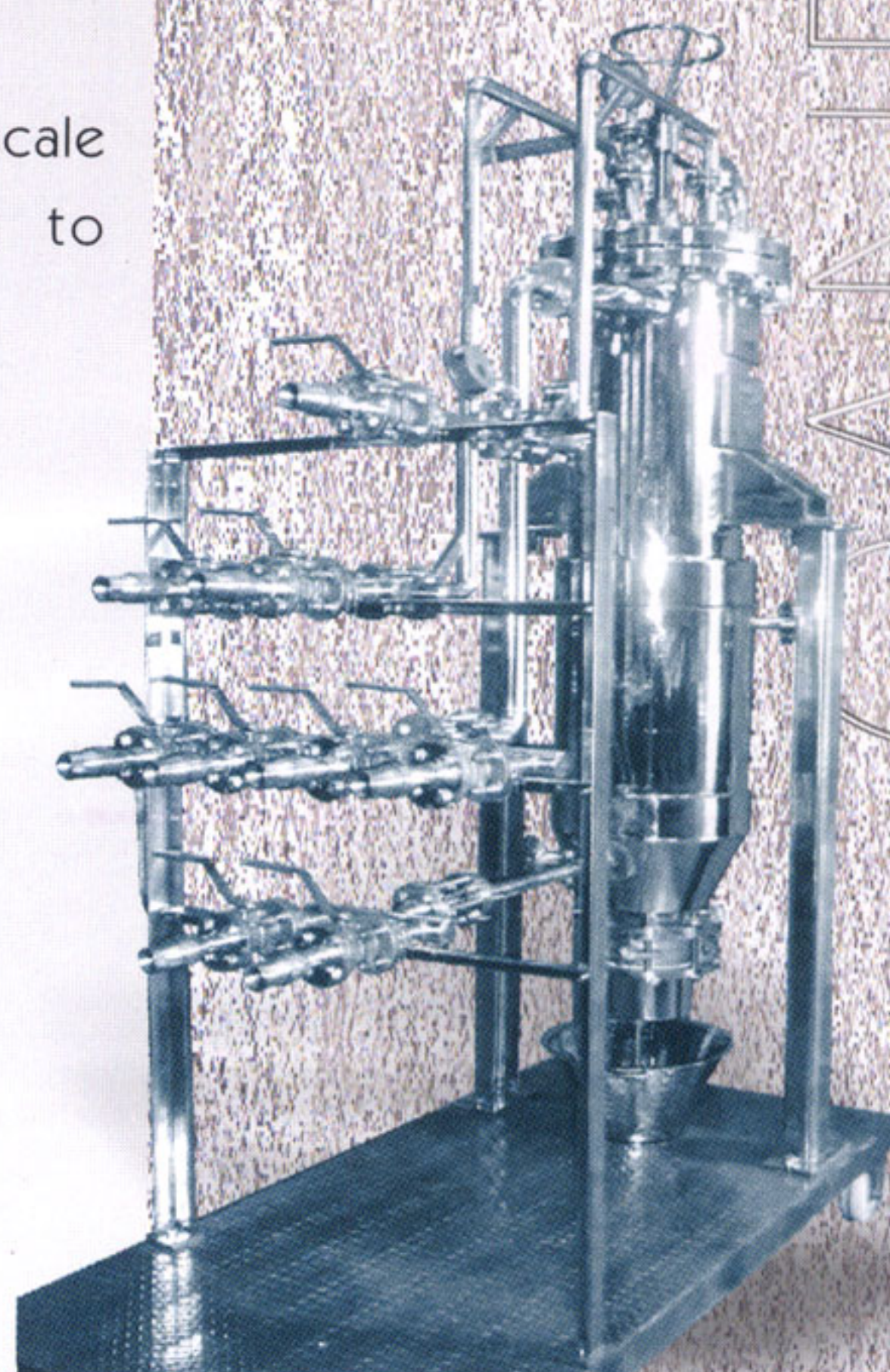
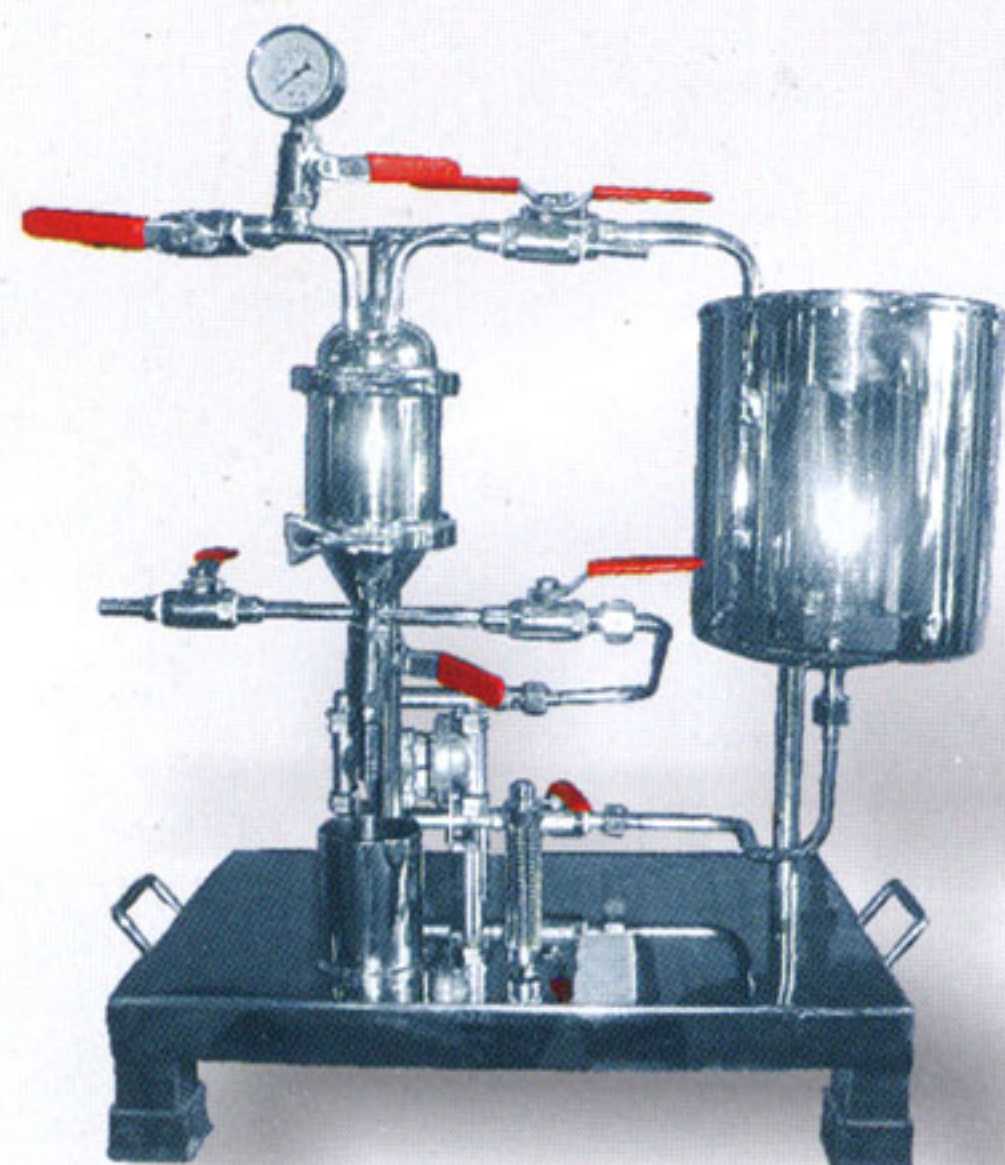
Skid mounted unit with
piping and valves

HORIZONTAL

PILOT / LABORATORY MODEL CANDLE FILTERS

For Research purpose, Lab/Pilot scale results can be scaled up to production/Industrial units.

Filtration - Washing - drying



CANDLE FILTER (BACK WASH TYPE)

Sharplex Candle Filter consists of candle shaped filter elements made out of Equi-Diameter pipes. Each candle is covered with filter hose in polypropylene, Polyester, Nylon, PVDF and PTFE. These candle are arranged vertically in a pressure vessel. Number of candles depends on filtration area of filter. Filtration & cake formation takes place under the pressure. Wet or dry discharge is possible by means of blow back. For continuous operation two filters are installed.



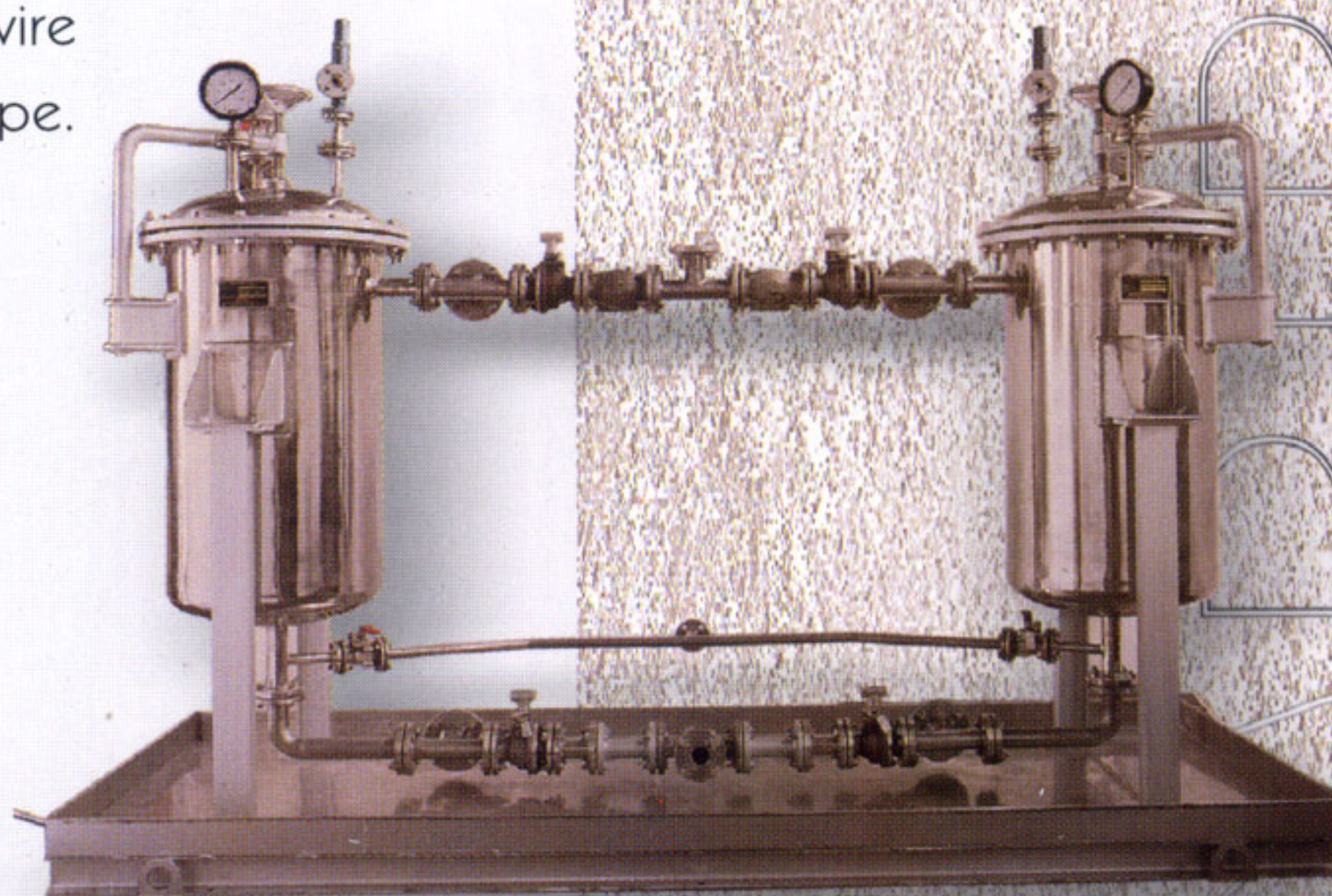
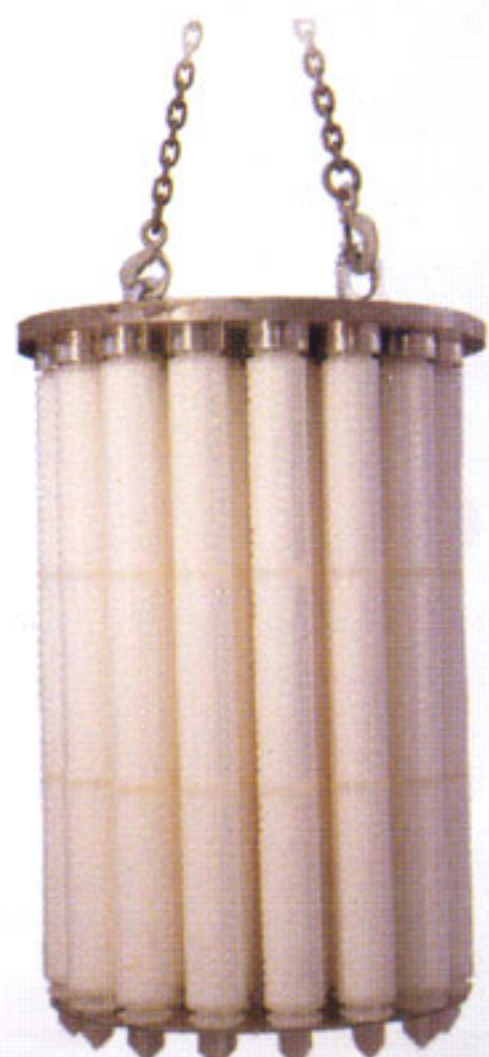
AUTO BACK WASH FILTER

- Process Water Filtration - To remove suspended impurities from river water / process water
- Side stream filter for cooling towers - To filter cooling water used in cooling towers to avoid clogging of the heat exchangers
- Municipal water filtration
- Power Plants - To separate scale from water cooling generators
- Steel Industry - To protect pumps & nozzles
- Paper Industry - To protect clogging of Paper machine nozzles
- Chemical Plants, Food Industry - To filter process water
- Machine tools - To filter lubricating oils to reuse again



CARTRIDGE FILTER

Sharplex is supplying Cartridge filters in various range of Cartridge elements. Housing are made of SS, PP, Hastelloy, Monel. Cartridges are reusable or disposable. PP, Spun, Pleated, Wound Cartridges are available in indisposable type and SS sintered, wire mesh Cartridges are available in reusable type. Complete skid mounted versions are available.





Rabale Factory- Unit II



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SHARPLEX FILTERS (INDIA) PVT. LTD.
An ISO 9001:2008 Company