



HORIZONTAL

PRESSURE LEAF FILTER



PROVEN
PERFORMANCE

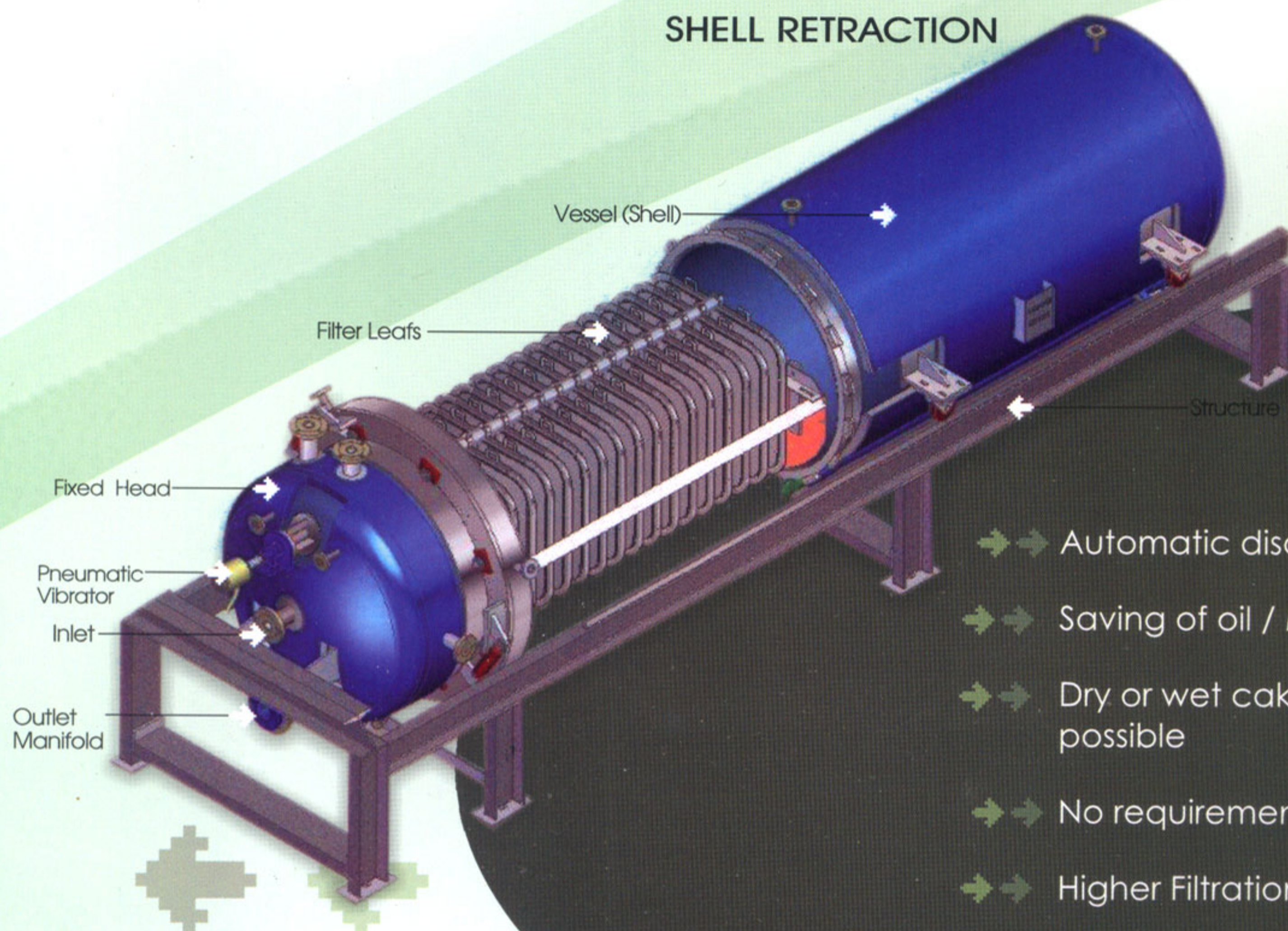
SHARPLEX FILTERS (INDIA) PVT. LTD.



HORIZONTAL

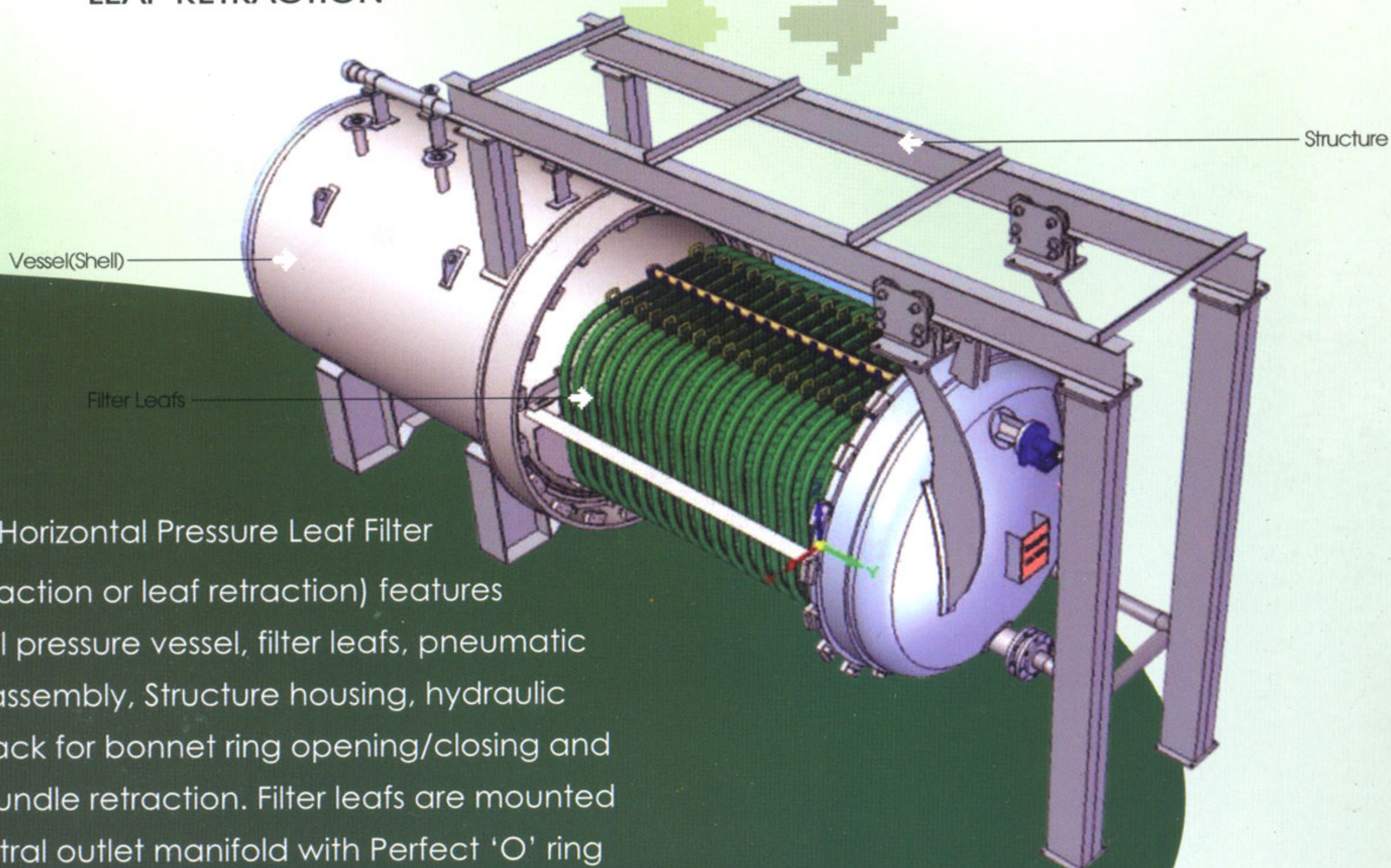
PRESSURE LEAF FILTER

SHELL RETRACTION



- ➡➡ Automatic discharge of cake
- ➡➡ Saving of oil / Moisture in cake
- ➡➡ Dry or wet cake discharge possible
- ➡➡ No requirement of filter cloth
- ➡➡ Higher Filtration rate
- ➡➡ Fixed or oscillating sluicing arrangement can be provided for wet cake discharge

LEAF RETRACTION



Sharplex Horizontal Pressure Leaf Filter (shell retraction or leaf retraction) features horizontal pressure vessel, filter leafs, pneumatic vibrator assembly, Structure housing, hydraulic power pack for bonnet ring opening/closing and shell or bundle retraction. Filter leafs are mounted on a central outlet manifold with Perfect 'O' ring sealing. Filtration areas From 2m² to 200m². Dry or wet cake discharge is possible. Oscillating sluicing arrangement is provided for wet cake discharge. 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 / HNBR etc.

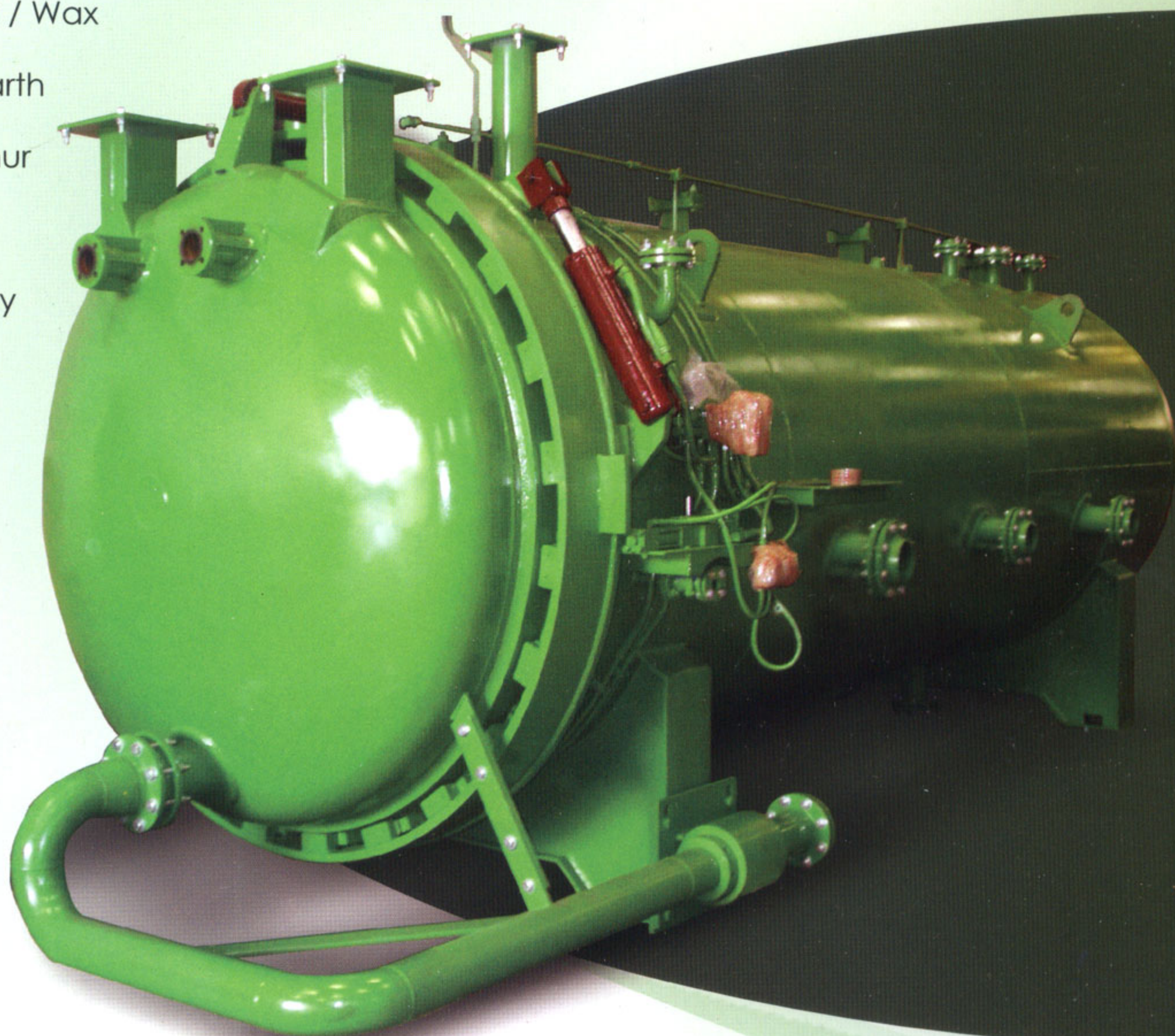


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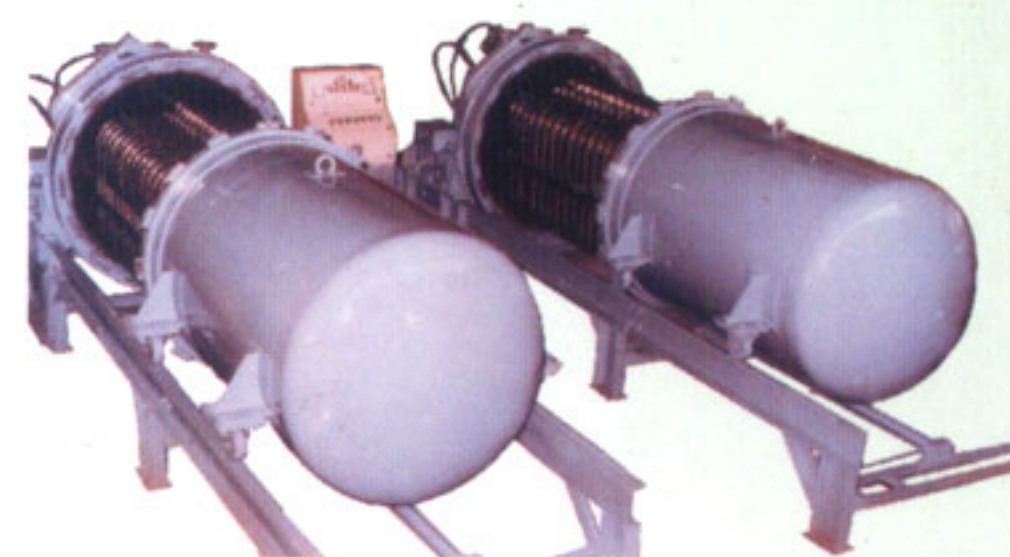
PRESSURE LEAF FILTER

APPLICATIONS

- Alkyd Resin
- Crude Edible Oil
- Winterisation / Wax
- Bleaching Earth
- Molten Sulphur
- Amine
- Sugar Industry
- Starch



Horizontal pressure leaf filter
(bundle retraction design)
for chemical application.

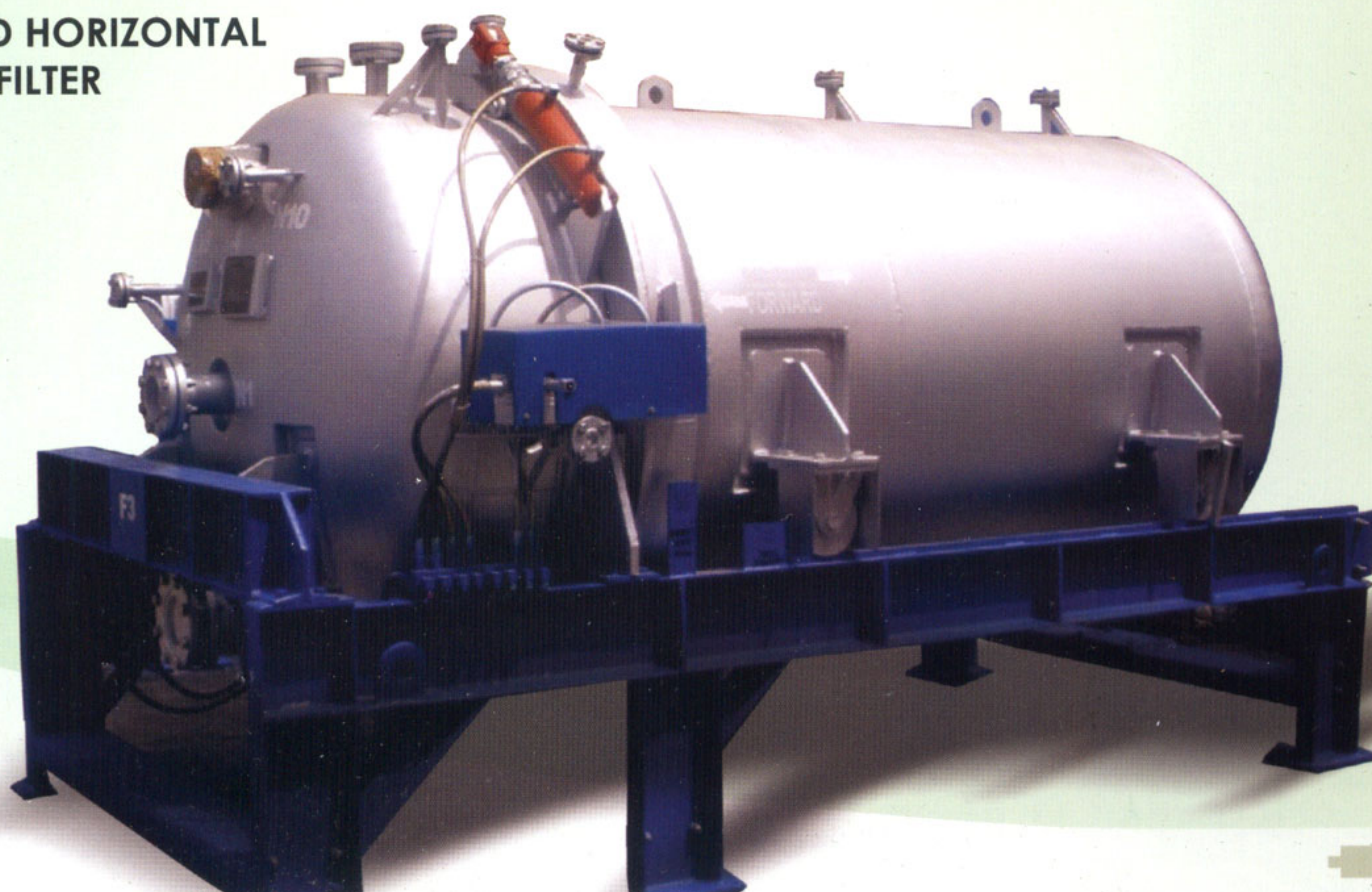


Horizontal pressure leaf filter
(shell retraction design)
for wax filtration in edible oil plant.

MODELS & SPECIFICATIONS

Sr No.	Model SFH	FILTRATION REA (M2)	LEAF SPACING (M2)	CAKE VOLUME (liters)	Empty Weights (Kg)
1	SFH - SR/900/2/5	2	100	60	850
2	SFH - SR/900/5/5	5	100	150	1150
3	SFH - SR/900/10/13	10	100	300	1550
4	SFH - SR/1250/15/10	15	100	450	1750
5	SFH - SR/1250/20/14	20	100	600	1950
6	SFH - SR/1250/25/17	25	100	750	2100
7	SFH - SR/1250/30/20	30	100	900	2250
8	SFH - SR/1600/40/16	40	100	1200	2550
9	SFH - SR/1600/50/20	50	100	1500	2800
10	SFH - SR/1600/60/24	60	100	1800	2900
11	SFH - SR/1600/70/28	70	100	2100	3050
12	SFH - SR/1600/80/32	80	100	2400	3300
13	SFH - SR/1850/100/28	100	100	3000	6550
14	SFH - SR/1850/125/35	125	100	3750	7500
15	SFH - SR/2000/150/36	150	100	4500	8000
16	SFH - SR/2000/175/42	175	100	5250	8500
17	SFH - SR/2000/200/48	200	100	6000	9000

FULLY JACKETED HORIZONTAL PRESSURE LEAF FILTER





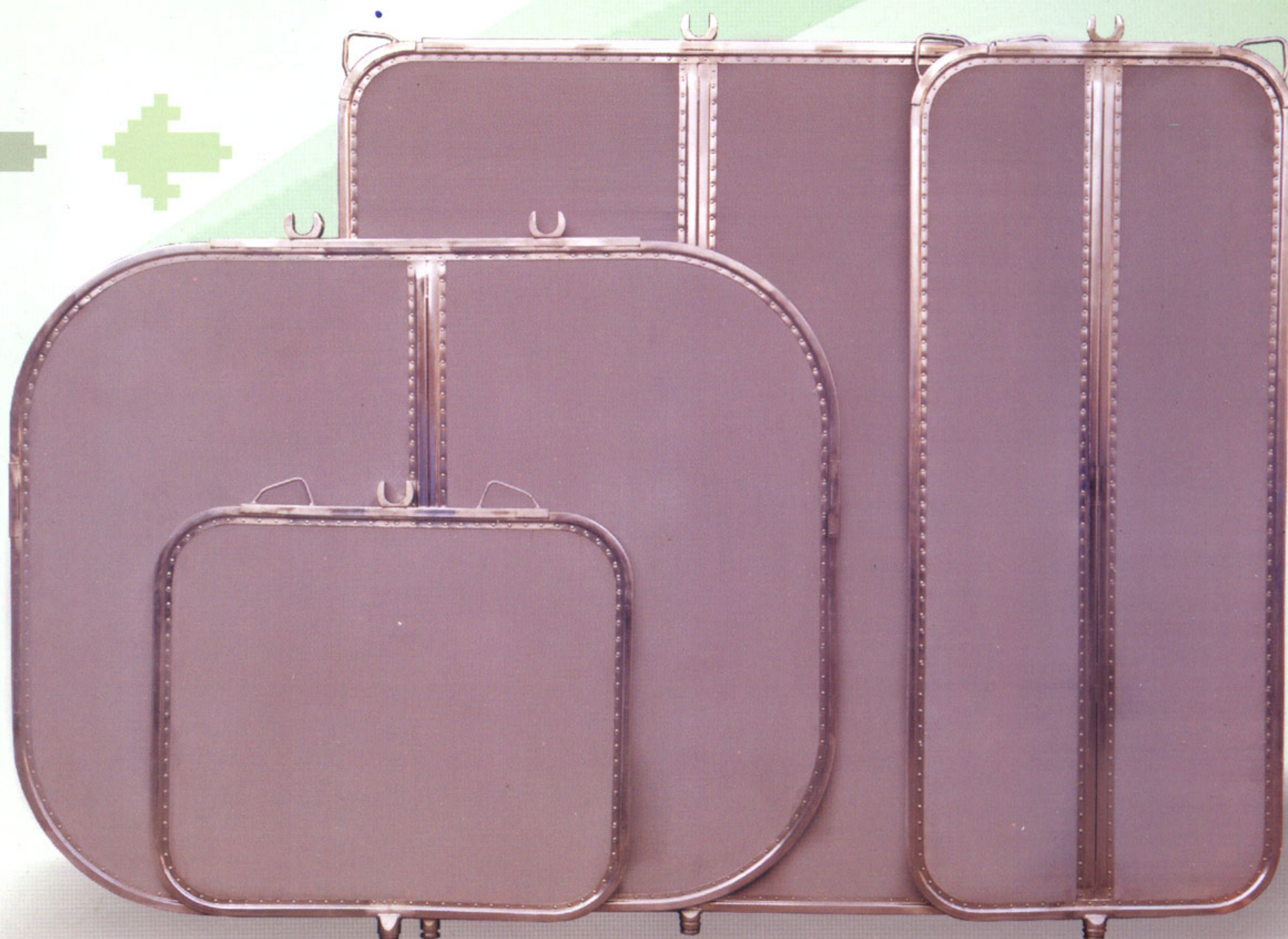
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PRESSURE LEAF FILTER

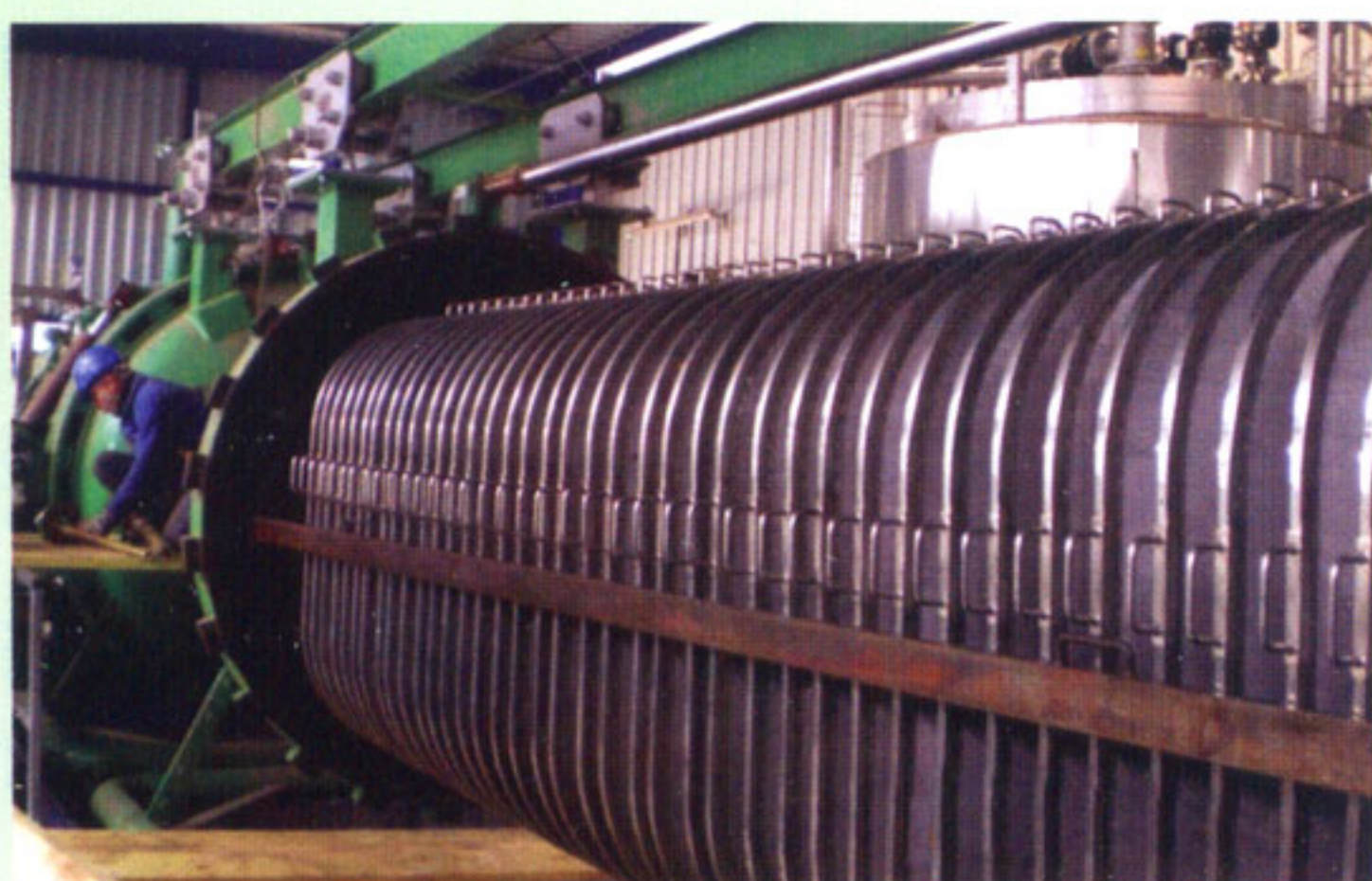
FILTER LEAFS

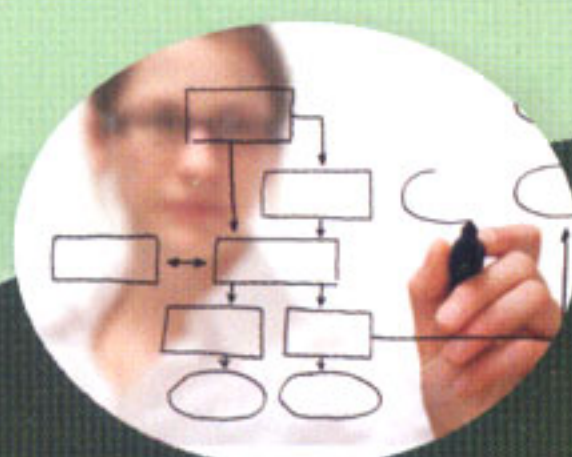
THE HEART of pressure leaf filter

Filter Leafs are manufactured in house in Sharplex. The keyhole channel (frame) of filter leaf is also in house manufactured in CNC machine. Leafs are riveted on automatic riveting machine with 3 layers or 5 layers design. The filtration meshes used are of higher thickness to give extra rigidity to filter elements. The leafs are manufactured in SS304, SS316L, SS904L, Titanium, Monel etc. The top mesh used can be dutch woven mesh 24x110, 60 mesh or PZ80. Leafs also can be enveloped with filter cloths for fine filtration. Leafs are manufactured under strict quality control to give you an highest quality product. Remeshing also carried out at our premises with latest techniques.



WORLDWIDE INSTALLATIONS





Sharplex was incorporated in **February 1993** with a determination to make a mark in **process filtration equipments**, that are efficient and economical, catering to **food, pharma, chemical, edible oil, fertilizer, petroleum & mining industries**. **Sharplex** offers you the widest and most advanced range of **process filtration equipments**. The registered office & factory at **Navi Mumbai** are well equipped with a full fledged **CAD center** as well as sophisticated facility for testing, all regulated by a stringent quality policy, in turn enabling **Sharplex** to design each equipment to its perfection. **Sharplex** modern workshop at **Navi Mumbai** is "**PED**" approved by **Lloyd's** register.

An excellent team of skilled designers facilitates **Sharplex** to offer a wide variety of process filtration equipments like **Pressure Leaf Filter, Candle Filter, Horizontal Plate Filter, Polishing Filter, Tubular centrifuge, Nutsche filter & Vibroscreen**.



CE

**PILOT
PLANTS**
FACILITIES
AVAILABLE

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APPROVED BY
LLOYD'S
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SHARPLEX FILTERS (INDIA) PVT. LTD.
AN ISO 9001: 2008 COMPANY

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Unit I



Unit II