



Horizontal Pharma Peeler Centrifuge

Peeler Assembly

The peeler of the centrifuge is actuated by hydraulic cylinder, the peeler shaft assembly, having blade and mounting arrangement; designed and located over the discharge chute, so that the scraped cake directly falls in the chute and gets discharged. The peeler plow assembly and discharge chute have a high-polished surface, with no dead corners for solid accumulations.

Bearing Housing Assembly

The main shaft is fitted with a combination of cylindrical roller bearing, and angular contact ball bearings. The bearings are oil lubricated with oil circulating power station, which continuously circulates the oil throughout the operation of the centrifuging cycle. The bearing is housed in gas-tight construction, fitted with specially-designed PTFE lip seals.

Model	Basket Dia mm	Basket Depth mm	Capacity		Drive HP	Max. Rotation Speed
			Vol. Ltrs.	Charge Kgs.		
78 H	630	320	40	50	10	2400
99 H	800	400	80	100	20	1900
1180 H	1000	500	170	215	30	1500

Manual Top Discharge Centrifuge

The three point suspended - manual top discharge- MTD model is an universal centrifuge for all application of solid-liquid separation by filtration. Offered in a variety of materials of construction like-austenitic steels, PVDF coated-mild steels etc. They are manufactured with the best technology in the field and gives long trouble free operational life. These are offered in various models like.



Model	Basket Dia mm	Basket Depth mm	Capacity		Drive HP	Max. Rotation Speed	G. Value
			Vol. Ltrs.	Charge Kgs.			
24 MTD	600	300	60	50	3.0	1200	480
36 MTD	915	450	170	100	5/7.5	900-1000	450
48 MTD	1220	500	280	200	10/15	700-800	430

Bottom Discharge Centrifuge

The 4-Point Suspension

Introducing the latest fully automatic four point suspension bottom discharge centrifuge machine made to international specification with inertia platform and vibration isolating dampers to ensure smooth operation with following advantages :

- No foundation required.
- Complete flexibility to relocate the centrifuge in the plant

Basket

Rolled copper or stainless, mild or galvanised steel baskets are all-welded and amply drilled for speedy extraction. The basket is made to suit the product. The dynamically balanced basket ensures vibration less and silent working.

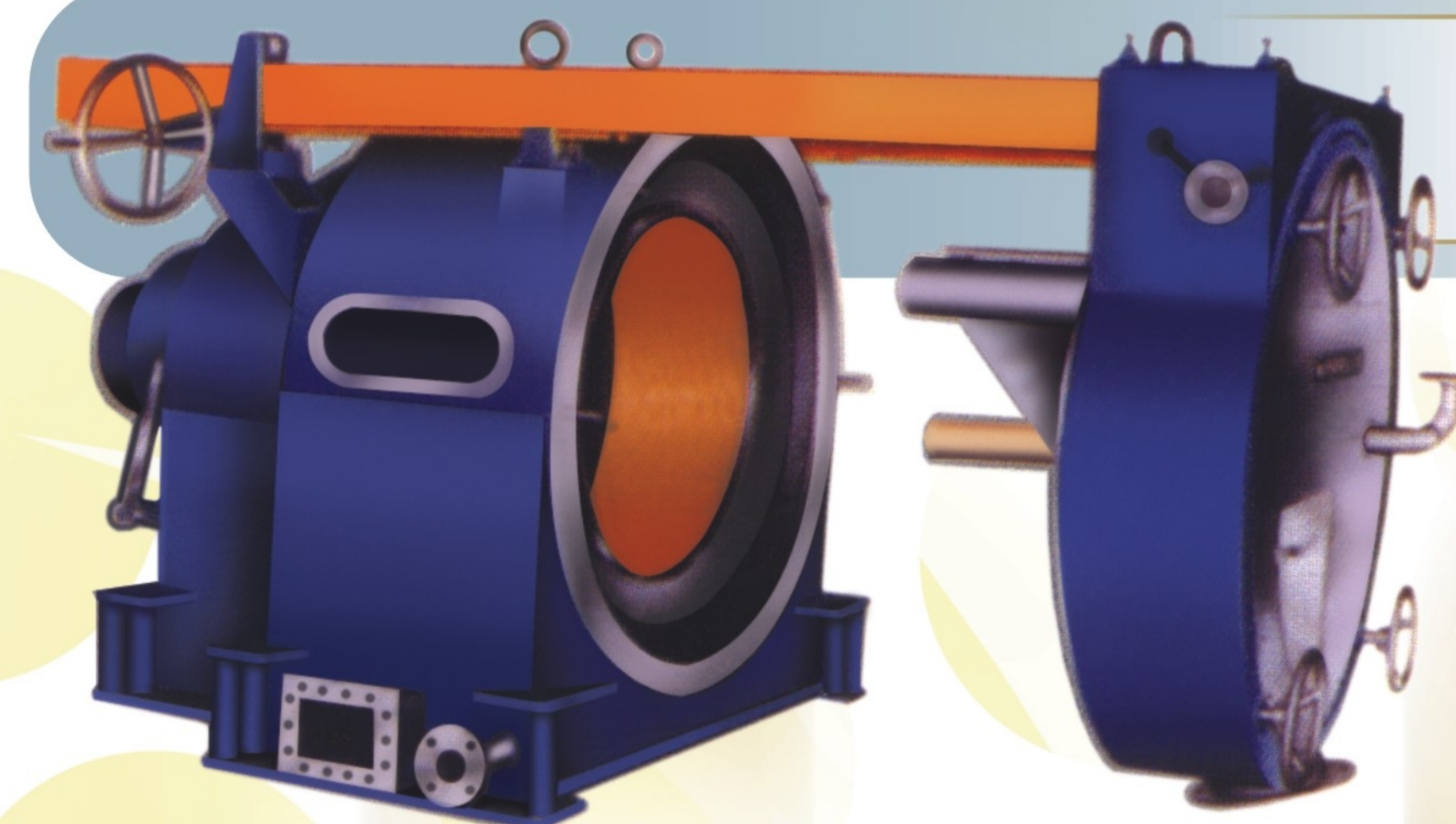
Scraping Arrangement

We offer three types of scraping systems :

- Manually operated scraper.
- Motorised single motion scraping system.
- Hydraulic dual motion scraping system.



Model	Basket Dia mm	Basket Depth mm	Capacity		Drive HP	Max. Rotation Speed	G. Value
			Vol. Ltrs.	Charge Kgs.			
36 BD	915	450	160	200	7.5	1100	619
36H BD	915	550	220	275	7.5	1100	619
48 BD	1220	500	300	375	15	1000	682
48H BD	1220	600	400	500	15	1000	682



Horizontal Peeler Centrifuge for Starch

Peeler centrifuges are suitable for low concentration slurries with fine solids. Higher filtration area multiplied by higher 'G' Value ('K' Factor) gives optimum dryness of solids. As all operations - Feed - Wash - Drying - Discharge are done at full RPM of the basket, time & energy is saved and simple drive systems are required.

They are manufactured with the best technology in the field and gives long trouble free operational life. Also offered in GMP (Good Manufacturing Process) all stainless steel construction.

Model	Basket Dia mm	Capacity		Drive HP	RPM	G. Value
		Vol. Ltrs.	Charge Kgs.			
80H	810	70	90	25.0	1200	680
100H	1020	110	120	40.0	1200	800
120H	1210	180	200	75.0	1160	850
140H	1410	470	500	100.0	1000	780

Bottom Discharge Centrifuge

- Bottom Discharge, centrifuges with,
- Inverter drives
- Fully Auto-PLC Control in GMP-Explosin / Flameproof execution.
- Full basket width/ Two motion scrapper,



Top Driven Bottom Discharge Centrifuge

- Top driven bottom discharge for uses in Dexroth plant in starch unit.
- Top driven bottom discharge centrifuge for vertical high speed in basket.
- Scrapper unit & Brake arraignment with nuemuntic operated.
- Control panel in TDB machine.



Bag Lifting Centrifuge

The Manual Top discharge centrifuge is modified to detach and lift the Top-caprng of the basket along with filter bag, attached to it. The bottom opening of the filter bag allow the dried solids, to be discharge of solids is easy and fast.



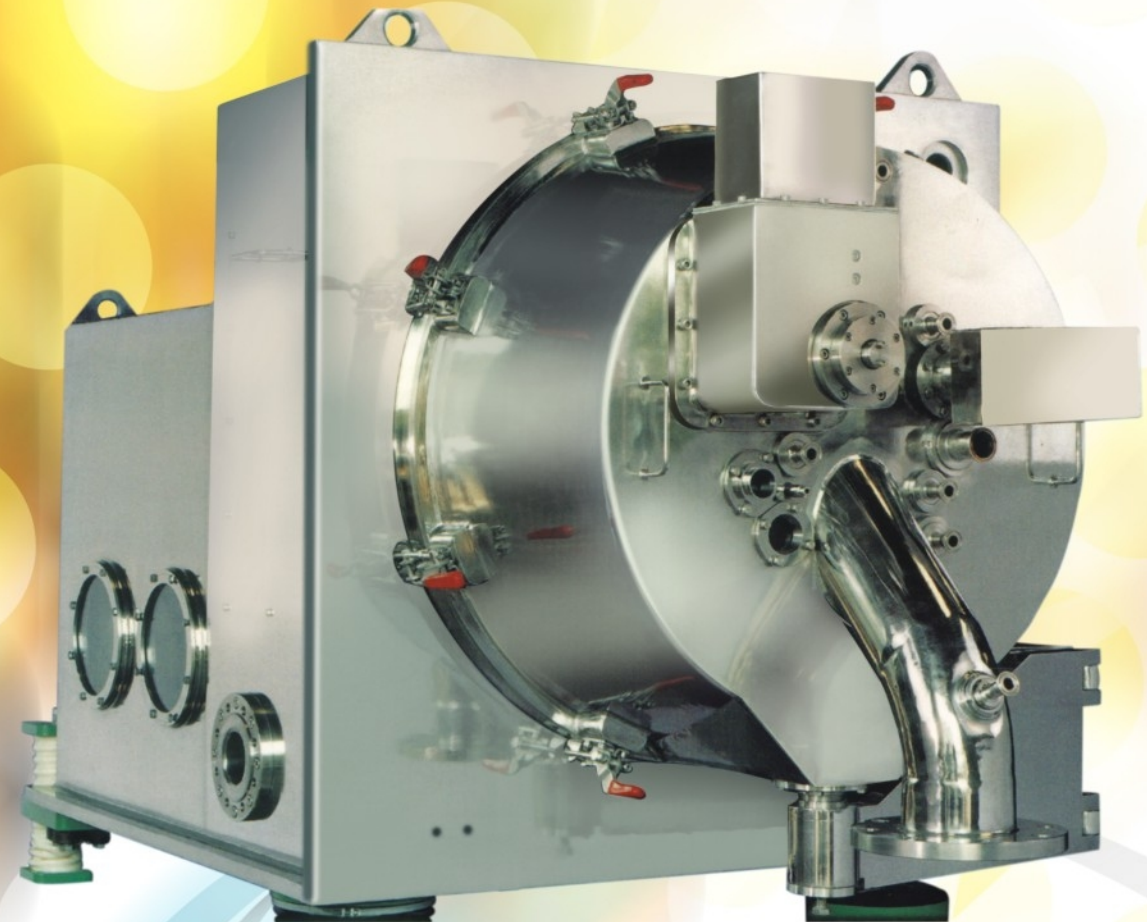
SURVA Design, 9824682850, 9824728114

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Manufacturer of Chemical & Pharmaceutical Machineries

No. 712/1, Parmeshwer Estate, Phase-IV, G.I.D.C., Vatva, Ahmedabad- 382445. Telefax : 079-25831900
Mobile : 9824357110, 9327722282 • E-mail : apollomachinery@dataone.in • Website : www.apollomachinery.com

New Infra Technology of Pharma Centrifuge



Centrifuges are mainly supplied to Pharmaceutical Drugs, Fertilizer and Starch & Intermediates Industries.

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