

ACE cGMP CENTRIFUGES...

For increased yields with ease of operation



- BAG LIFTING ARRANGEMENT
- FULL TOP BODY OPENING TYPE
- C.I.P. FOR BASKET EXTERIOR & BODY INTERIOR WITH LIMPET COILS AND SPRAY NOZZLES
- HYDRAULIC LIFTING ARRANGEMENT

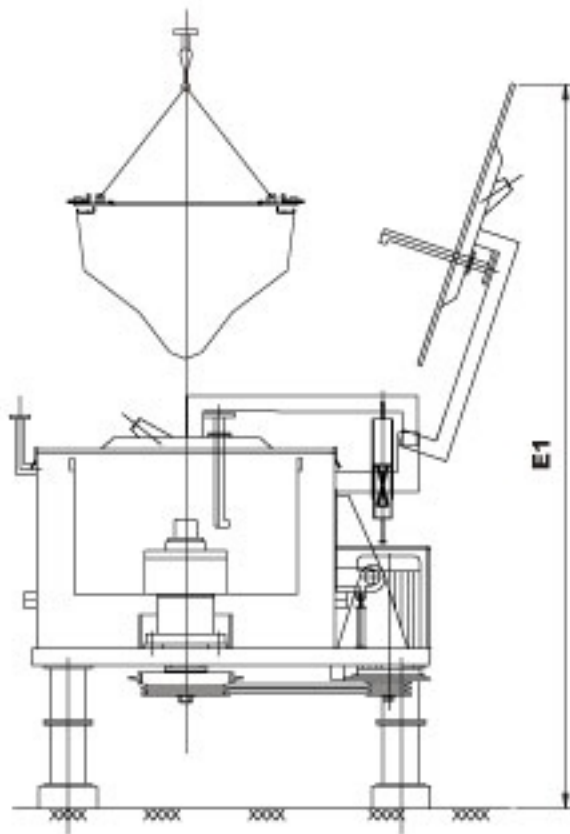
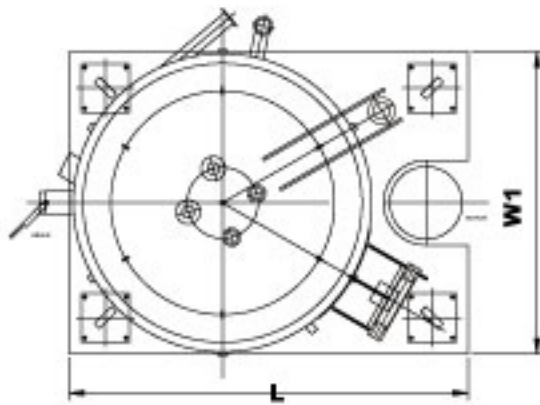


ACE INDUSTRIES

(AMIT CHEMICALS & ENGINEERING INDUSTRIES)



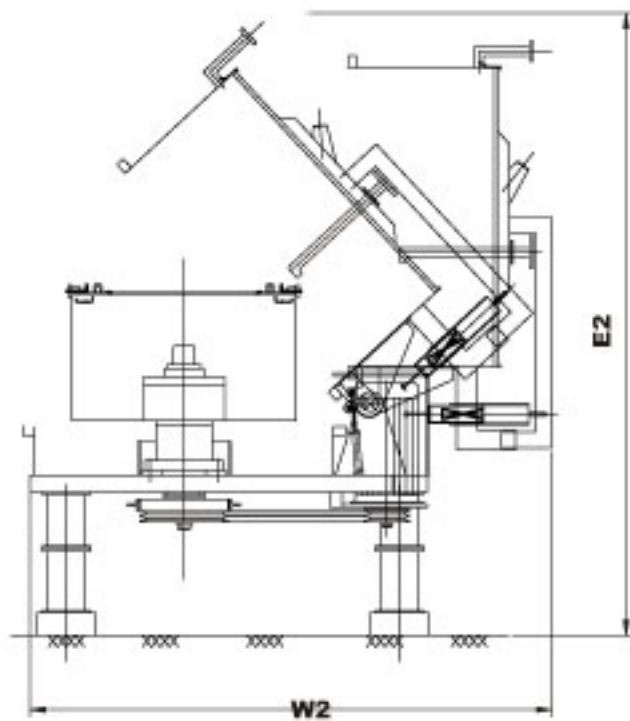
LIFTING BAG TYPE WITH DOME OPEN



The latest trend in solid / liquid separation is to go in for greater ease in cake handling. Filter cloth is available in the desired strength and micron size. The fabric with poly- propylene, woven / non woven polyester, nylon, cotton etc. with strengthening strips and hook up arrangement are easily available. The ACE lifting bag system supports such filter bags. Quick and easy fixing arrangement helps in the centrifuging. The time factor for the various operations is studied and this is passed on to the user at the time of installation and commissioning.

The filter bag setting is precisely done so that the entire assembly is as fool-proof as the simple top discharge centrifuge. Hence 100% solid liquid separation without loss of a single solid particle in filtrate is achieved by the instant cake lifting type centrifuge.

The head room required for a particular lifting type machine is indicated in the table shown below:



TECHNICAL DATA

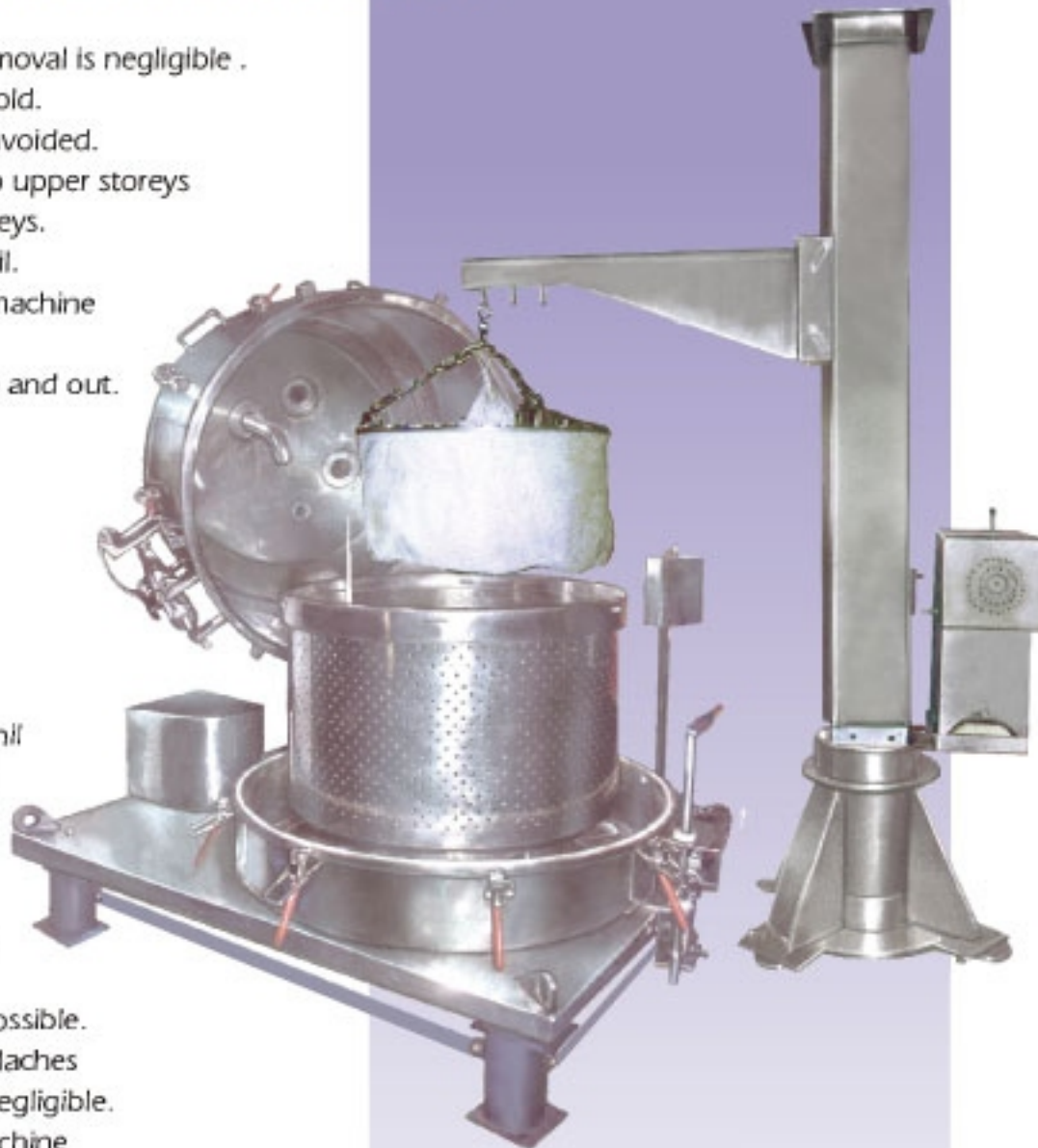
MOTOR H.P.	BASKET SIZE	G FORCE	RPM	MOUTH I.D.(MM)	BASKET CAPACITY		FILTER AREA SQ.MTR	Platform Length L (MM)	Platform Width W1(MM)	W2 (MM)	HEAD ROOM	
					VOL. (LT)	WT(KG)					E1 (MM)	E2 (MM)
3	24" X 12"	500	1200	410	50	60	0.604	1100	900	1250	1700	1400
5	30" X 12"	600	1200	510	80	90	0.740	1450	1150	1600	1850	1650
7.5	36" X 18"	500	1000	610	170	200	1.329	1650	1250	1800	2550	1950
15	48" X 20"	435	800	810	310	370	1.954	2100	1650	2250	3000	2500
20	60" X 24"	410	700	1010	620	750	2.911	2400	2000	2550	3800	3000
30	71" X 30"	310	550	1210	1100	1350	4.343	2800	2200	2950	4000	3500

ADVANTAGES OF LIFTING BAG TYPE CENTRIFUGES

- The time required for cake removal is negligible .
- Production is increased two-fold.
- Manual contact with cake is avoided.
- Cake can be easily elevated to upper storeys without the use of lifts or trolleys.
- Cake spillage on the floor is nil.
- More volumetric charge per machine available.
- Easy cleaning of the basket in and out.
- Full opening of the lid helps maintenance.

ADVANTAGES OF 4 POINT MOUNTING

- The vibration transmission is nil
- The machine can be used on upper storey.
- Good and clean house-keeping possible.
- No cost of R.C.C. foundation
- Can be shifted easily.
- Trolley mounting machines possible.
- No rusting and greasing headaches
- Maintenance of suspension negligible.
- Saving in floor area of the machine
- **cGMP in the true sense.**



ADVANTAGES OF FULL BODY TOP OPENING

The central flange of the machine is very thick and wide. It is machined all over. The bottom flange is given a square groove to hold Teflon, PTFE, SILICON packing with required projection. The top flange sits truly on the packing making the joint 100% leak proof. Sufficient LBD LOCK allows quick and easy opening and closing.

The body top is hinged to the base plate. The hydraulic cylinder opens and closes the top part of the body easily. The body top once opened, gives easy access to the entire basket in and out. The entire body from the inside and even the access to the central drive assembly is also made available. The basket if required can be removed when body top opens fully. Maintenance of the shaft and bearing housing can be easily done in top body opening machines



F.L.P. panel to be kept near the Centrifuge



V.F.D. panel to be kept in M.C.C. Room

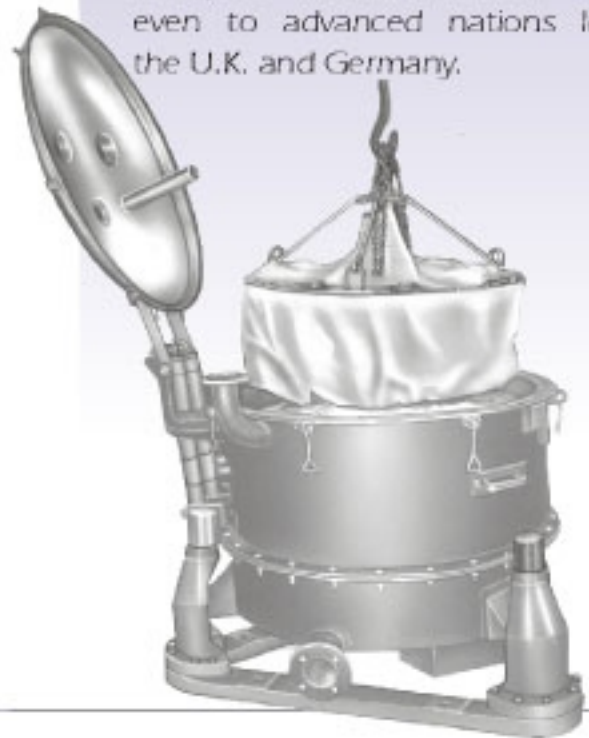
The use of **V.F.D. (VARIABLE FREQUENCY DRIVE)** in centrifuges is a great advancement. The V.F.D of a standard make is used preferably one that has an in-built BRAKING CHOPPER and RESISTOR. The centrifuge runs with high starting and braking torque. Although ACE clutch pulleys and hand brakes are sturdy enough to do the job, the V.F.D. does it electronically. The wear and tear of brake liners and clutch liners is negligible. It is worthwhile to invest in a V.F.D. The variable speed is welcome to save power. The V.F.D. gives smooth centrifuging operation. Also, the work of feeding and washing can be done at lower basket speeds and the centrifuge drying can be done at higher speeds, if the basket charge is properly balanced.

ACE HAS SUPPLIED SEVERAL SUCH SYSTEMS WITH GREAT SUCCESS.

Ace is one of the leading centrifuge manufacturers in India with an impressive track record in meeting customer needs. Maintaining the highest quality standards and constant innovation have been the hallmarks of our enterprise. All our products are guaranteed against defective materials and workmanship for a period of one year. The company manufactures both 3-point and 4-point centrifuges from 12" to 72" dia. in various materials of construction.

Ace Centrifuges are being used very satisfactorily for bulk drugs and API.

Our machines are operating very successfully all over India. They are also exported to The Middle East, South-East Asian countries like Malaysia Thailand, Africa and even to advanced nations like the U.K. and Germany.



Manufactured and Marketed by:



ASSOC. CO'S: MAK INDUSTRIES, AIM INDUSTRIES AND ACE CHLORIDE

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