



**ENGINEERING WITH INNOVATIVE IDEAS...**

# **CENTRIFUGE MACHINES**

**FOUR POINT SUSPENSION BAG LIFTING TYPE**



**SHIV SHAKTI**  
**PROCESS EQUIPMENT PVT.LTD**

# CENTRIFUGE MACHINES

## FOUR POINT SUSPENSION BAG LIFTING TYPE

### FEATURES

- Unloading of cake by means of hydraulic lifting device
- Comparatively increased of production due to reduced batch time.
- Cake spillage / Loss is negligible
- Cleaning or changing of filter cloth outside centrifuge
- Reduced Human contact.
- Fully opening of Lid gives/ Ensures more space for better cleaning
- Four point suspension type which requires negligible Foundation
- Centrifuge manufactured as per international standards with inertia platform & AntiVibration mounts to ensure smooth operation.
- Vapour Tight Arrangement
- Nitrogen purging system for Basket & bearing housing/ casing
- Full validation services available including DQ, IQ/OQ, FAT / SAT protocols.
- cGMP construction for Pharmaceutical Models.
- Fully opening Outer case/ Body with CIP cleaning for better cleaning / accessibility and validation purpose for special pharmaceutical process application
- Variable Frequency Drive with the Dynamic Braking System
- Excess Vibration Monitoring & Tripping system



### MOC

- All Stainless Steel/ Hastelloy construction with Contacts / vapour parts in AISI 304/ 316 / 316L built to Custom requirement.
- All Process contact surfaces finished with corrosion-resistant fluoro-polymer coatings/Lining such as Halar (ECTEE), Teflon (PFA)

### TECHNICAL SPECIFICATIONS

MODEL	SS - 12	SS - 24	SS - 36	SS - 48	SS - 60
Basket dia.(mm)	305	610	915	1220	1524
Basket Ht. (mm)	200	305	457	457	508
Basket Speed (rpm)	2000	1400	1025	850	800
Max permissible load on Basket(Kg)	12	70	250	325	500
Motor (H.P.)	1	3	7.5	15	20
Volume underlip. (Ltrs)	7	50	200	295	445
Centrifugal Force(G)	682	668	537	493	545
Filtration Area(Sq.Mtr.)	0.192	0.590	1.310	1.750	2.430
Length(mm)	850	1400	1800	1500	2400
Width(mm)	650	900	1250	2100	2000
Operating Height(mm)	800	1700	2200	2800	3100
Weight of Machine(Kg)	500	1100	2200	4000	6300

Note: Output capacity will vary depending upon physical properties of material.

Note: Constant Development may induce changes in design / specification prior to notice.

### Manufacturers & Exporters

## SHIV SHAKTI PROCESS EQUIPMENT PVT .LTD

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