



TURNING
POSSIBILITIES
INTO REALITIES

shrajmachinery@gmail.com

12"-4P-MTD MODEL

Basket ID Inner	300 mm
Basket Dia Outer	306 mm
Basket Height	220 mm with scroud
Thickness	3 mm
Shell ID	400 mm
Shell Dia	406 mm
Height	340 mm
Thickness	3 mm
Capacity	4 to 5 Kg / Batch

Type : 3P / 4P



Type : 3P / 4P

20" DIA -MTD- MODEL

Basket ID Inner	510 mm
Basket Dia Outer	516 mm
Basket Height	300 mm
Volume of Basket	40 Ltrs
Solid Capacity Per Batch	10 To 15 Kgs
Basket RPM	1200
Motor	2 HP
Capacity	10 to 15 Kg / Batch

24" DIA -MTD- MODEL

Basket ID Inner	610 mm
Basket Dia Outer	616 mm
Basket Height	355 mm
Volume of Basket	70 to 75 ltrs
Solid Capacity Per Batch	40 to 50 kgs
Basket RPM	1200
Motor	2 HP
Capacity	40 to 50 Kg / Batch

Type : 3P / 4P



30" DIA -MTD- MODEL

Basket ID Inner	765 mm
Basket Dia Outer	773 mm
Basket Height	355 mm
Volume of Basket	80 ltrs
Solid Capacity Per Batch	60 to 70 kgs
Basket RPM	1200
Motor	5 HP
Capacity	60 to 70 Kg / Batch

Type : 3P / 4P



36" DIA -MTD- MODEL

Basket ID Inner	915 mm
Basket Dia Outer	925 mm
Basket Height	525 mm
Volume of Basket	200 ltrs
Solid Capacity Per Batch	100 to 150 kgs
Basket RPM	950
Motor	7.5 HP
Capacity	100 to 120 Kg / Batch

Type : 3P / 4P



48" DIA -MTD- MODEL

Basket ID Inner	1225 mm
Basket Dia Outer	1235 mm
Basket Height	530 mm
Volume of Basket	300 ltrs
Solid Capacity Per Batch	200 kgs
Basket RPM	850
Motor	12.5 HP
Capacity	180 to 200 Kg / Batch

Type : 3P / 4P



TANK AND VESSEL

Capacity	As per customer requirement
MOC	SS316 / SS304 / MS
Thickness	As per Customer requirement
Type	Horizontal / Vertical / Rectangle / Square



JACKETED TANK



Jacketed vessels available in different jacket option i.e simple jacket, limpet jacket, dimpled plate jacket. stainless steel mixing vessels and ASME vessels for Pharmaceuticals, Biotech, Cosmetics and other liquid processing industries. We provide highest standard of factory Acceptance Testing with full documentation package with weld inspection report.

SALIENT FEATURES

- Available from 100 liters to 20000 liters
- cGMP construction available on demand
- MOC Shall be MS/SS 304/ SS 316 as per Clients* requirement.
- Available in different options of top & bottom end like flat, dished, conical
- Available in plani as well as steam/hotwater jacketed.
- Jacketed vessels available in different jacket option ie simple jacket, limpet jacket, dimpled plate jacket.
- HOT, COLD or HOT & COLD (dual) insulation can be provided as per clients' requirement.
- Different agitator design to suit process requirement
- Tailor made construction also available.
- Available in LUGS or LEGS mounting position.

LIMPET COIL REACTION VESSEL

Application :

- Chemical Industry
- Food & Beverage industry
- Bulk Drugs
- Fertilizers
- Pesticides
- Dyes
- Cosmetics Industry
- Petroleum
- Refineries
- Petrochemical Plants
- Natural Gas Processing
- Refrigeration
- Power Plants
- Space Heating

Types of Blades :

- Anchor
- Gate Paddle
- Flat Blade Turbine

Size Available :

- 100 Litres to 30,000 Litres



REACTOR VESSEL

Features :

- Easy in use
- Less Maintenance
- Cost Effective
- Maintenance & Trouble
- Free Performance
- High Accuracy
- Superb Tensile Strength
- Unsurpassed Performance

Applications :

- Chemical Industry
- Pharmaceutical
- Industry

Size Available :

- 100 Litres to 30,000 Litres



Type : 3P / 4P

LIQUID STORAGE TANK cGMP

Characteristics of the Equipments

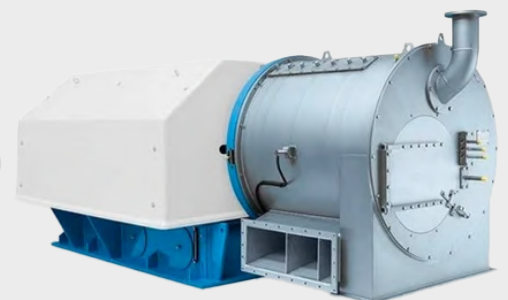
- Capacity up to 50,000 Liter.
- Product Contact AISI 316L.
- Vertical & Horizontal design
- Atmospheric, Vacuum or Pressure Operation.
- Plain, Jacket for heating & cooling.
- Option for Heating by steam, hot water or tharic fluid oil & Electric heater
- Thermal Insulated.
- Mechanicals or Electro polishing of internal surface.
- Welded, flanged or hinged type cover
- Integrated Cleaning in Place-CIP.
- Sterilizing In Place-SIP as an Option.
- Option for mounting on legs or flange.
- Portable execution on request.
- Validation protocols & Instrumentation celebration.



HYDRAULIC PUSHER CENTRIFUGE

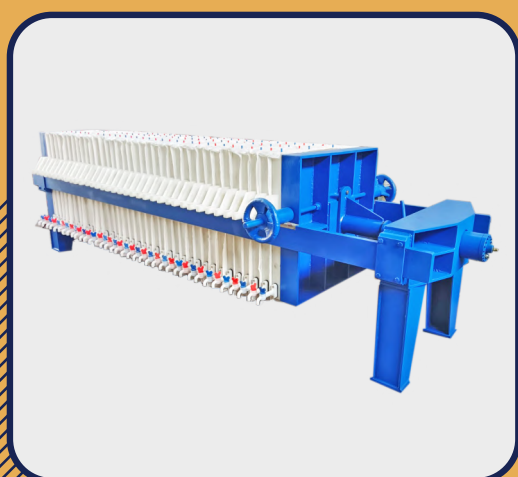
Model		MP 150	MP 200	HP 200	HP 250	HP 300	HP 350	HP 400
Basket Dia	mm	150	200	200	250	300	350	400
No. of Stages	—	1/2	1/2	1/2	1/2	1/2	1/2	1/2/3
Max. Speed	rpm	3200	3000	3200	3000	2800	2500	2200
No. of Stroke	spm	30-60	40-80	50-120	50-120	50-120	50-120	50-120
Max. G-Force	xg	850	1000	1140	1250	1300	1215	1075
Main Motor	Hp/rpm	3/2880	5/2880	5/2880	7.5/2880	10/2880	10/2880	15/1440
Pump Motor	Hp/rpm	2/1440	3/1440	3/2880	5/280	7.5/2880	7.5/2880	10/2880
Dimensions(L)	Mtr.	1.1	1.5	1.9	2	2.1	2.2	2.2
(W)	1000	0.55	1.1	1	1.1	1.1	1.1	1.2
(H)	1000	0.53	1	1.1	1.1	1.5	1.2	1.25
Weight	Kgs.	300	750	900	900	1450	1650	1850
Nacl Cap	Ton/hr.	0.2	0.5	0.6	1.2	2.4	3.5	5

MECHANICAL PUSHER CENTRIFUGE



Model		HP 450	HP 500	HP 550	HP 600	HP 700	HP 800
Basket Dia	mm	450	500	550	600	700	800
No. of Stages	—	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3	1/2/3
Max. Speed	rpm	2000	1800	1600	1500	1300	1200
No. of Stroke	spm	50/110	50/110	50/110	50/110	50/110	50/90
Max. G-Force	xg	1000	900	780	750	660	640
Main Motor	Hp/rpm	15/1440	20/1440	25/1440	30/1440	40/1440	50/1440
Pump Motor	Hp/rpm	10/2880	15/2880	15/2880	20/2880	25/2880	30/2880
Dimensions(L)	Mtr.	2.4	2.5	2.6	2.6	3.1	3.2
(W)	1000	1.2	1.25	1.35	1.35	1.5	1.6
(H)	1000	1.2	1.3	1.4	1.5	1.6	1.75
Weight	Kgs.	2200	2350	2500	3250	4800	6000
Nacl Cap	Ton/hr.	7.5	10	12.5	15	18-20	22-25

FILTER PRESS



Filter Press Size	Recommended Chambers	Cake Thickness	Filtration Area(m ²)	Wet Cake Volume(ltr)	Dimensions		
					L	B	H
355	14	30	2.11	29.4	2450	720	850
470	18	32	6.12	93.24	3068	830	870
610	24	35	13.48	235.95	3749	980	1140
800	30	35	29.40	514.50	4580	1260	1450
915	36	40	48.60	972.00	5124	1360	1490
	36	50	49.32	1216.80	4630		
1000	40	40	65.60	1232.00	5865	1360	1476
	40	50	68.00	1500.64	6265		
1200	50	40	119	2000.00	6670	1670	1900
	50	50	124	2520.00	7170		
1500	60	40	224.40	4122.00	7820	2200	2275
	60	50	231.00	5250.00	8422		
1500 x 2000	60	40	347.20	6419.00	8530	2200	2790
	60	50	358.40	8176.00	9122		



scan here for location



TURNING POSSIBILITIES INTO REALITIES

 03, Nakshatra Ind. E, Bakrol Gatrad Road, Bakrol
Bujrang, Daskroi, Ahmedabad - 382430.

 +91 93131 77368  shrajmachinery@gmail.com