

## Manual Top Discharge

Manual Top discharge is one of the regular, most demanded 4-point suspension Centrifuge which widely used in various Pharmaceutical, Chemical, R & D – Plant, Cosmetic, Food industry.



### Material of Construction: -

- This kind CF is available in Carbon Steel, Stainless Steel, Hastelloy etc MOC.
- Also, Fluoropolymer Coatings like Halar (ECTFE), PVDF, ETFE, Teflon (PFA), Rubber Lined etc. can be done on contact surface
- Coating can be provided on the contact parts as well as on the exterior body (non-contact surface) for prevention from spillage and corrosive atmosphere.

### Advantages: -

1. Simple in construction.
2. Easily manual removal of solid from top side of the equipment.
3. Solid less during process less.

### Accessories: -

Following accessories, we offer along with equipment.

1. Inverter drive
2. FLP Panel
3. N2 Purging arrangement
4. CIP arrangement
5. Zero speed interlock
6. Heel blow back
7. Vibration tripper limit switch
8. Vibration monitoring system
9. FLP switch / proxy sensor
10. N2 blanketing system
11. Customize design

Technical Details of Manual Top Discharge (MTD) - Centrifuge

Specification	Basket inner Diameter	Basket Depth	Working Capacity under lip	Basket load (Max)@ Bulk density 1.0 gm/cc	Basket Revolutions	G Force	Filtration Area	Motor Power	Length	Width	Height	Empty Weight
Unit	MM.	MM.	LTS.	KGS.	RPM.	G.	SQ. MTS.	HP	MM	MM	MM	KG
Model												
AE 18"MTD	457	300	24	24	900	206.2	0.43	2	1050	750	1300	800
AE 24"MTD	610	300	48	48	900	275.2	0.57	3	1350	1000	1500	1150
AE 36" MTD	915	450	169	169	900	412.8	1.29	7.5	1800	1250	1900	2750
AE 48" MTD	1220	450-500	294-327	294-327	900	550.4	1.72-1.92	15	2000	1500	2100	4200
AE 60" MTD	1524	450-600	467-519	467-519	800	543.3	2.15-2.87	20	2500	2000	2100	5500