

Falgun Engineering Enterprise

Mfg. Pusher Centrifuge, Bottom Discharge and Bag Lifting Centrifuge

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We are manufacturer and supplier of High quality **Pusher Centrifuge, Bottom Discharge Centrifuge, Basket Centrifuge & Bag Lifting Centrifuge**. These are widely appreciated for their features like smooth operation, minimum power consumption and long span life.

PUSHER CENTRIFUGE MACHINE

A Centrifuge machine is normally used for separation of solid / liquid mass. A Pusher Centrifuge has several advantages over normal mechanical centrifuge machine, which can be stated as follows.

Practically no manpower required for operation and is a fully automated continuous operation. High production with minimum maintenance. More energy efficient and reduce operating cost.

Very effective dewatering of coarse crystalline products at high throughput rate and also the quality of the finished products can be improved by variety of washing modes. It can be used for variety of products and applications in bulk chemicals, Plastics, and mineral products with particle size approximately **50 microns** and above.

Wide Range of Pusher Centrifuges offered by **FALGUN ENGINEERING ENTERPRISE.**

RANGE IN HYDRAULIC PUSHER CENTRIFUGE

SR. NO.	MODEL NAME	MOTOR H.P.	MEE SALT OUTPUT	NACL SALT OUTPUT	PUMP
1)	FEE - HP250	12.5 HP (7.5HP + 5HP)	200-500 KG/HOUR	700-1000 KG/HR	TRIPLE SCREW PUMP
2)	FEE - HP320	17.5 HP (10HP + 7.5HP)	500-700 KG/HOUR	1000-1800 KG/HR	TRIPLE SCREW PUMP
3)	FEE - HP360	17.5 HP (10HP + 7.5HP)	700-1000 KG/HOUR	1500-2500 KG/HR	TRIPLE SCREW PUMP
4)	FEE - HP400	25 HP (15HP + 10 HP)	1000-1800 KG/HOUR	3000-5000 KG/HOUR	TRIPLE SCREW PUMP
5)	FEE - HP500	30 HP (20HP + 10 HP)	2000-3000 KG/HOUR	5000-8000 KG/HR	TRIPLE SCREW PUMP
6)	FEE - HP600	50 HP (30HP + 20 HP)	3000-4000 KG/HOUR	8000-12000 KG/HR	TRIPLE SCREW PUMP
7)	FEE - HP700	65 HP (40HP + 25 HP)	4000-5500 KG/HOUR	1400-16000 KG/HR	TRIPLE SCREW PUMP

MOC:-

SS 316, SS 316L, DUPLEX STEEL 2205, SUPER DUPLEX 2507



HYDRAULIC PUSHER CENTRIFUGE
BY
FALGUN ENGINEERING ENTERPRISE

RANGE IN MECHANICAL PUSHER CENTRIFUGE

<u>SR. NO.</u>	<u>MODEL NAME</u>	<u>MOTOR H.P.</u>	<u>MEE SALT OUTPUT</u>	<u>NACL SALT OUTPUT</u>	<u>GEAR BOX</u>
1)	FEE - MP210	7 HP (5 HP+2 HP)	100-200 KG/HOUR	300-500 KG/HOUR	3" HOLLOW SHAFT
2)	FEE - MP250	10.5 HP (7.5 HP + 3 HP)	200-400 KG/HOUR	500-1000 KG/HR	4" HOLLOW SHAFT
3)	FEE - MP320	15 HP (10 HP +5 HP)	400-700 KG/HOUR	1000-1800 KG/HR	5" HOLLOW SHAFT

MOC :-

SS 316, SS 316L, DUPLEX STEEL 2205, SUPER DUPLEX 2507



MECHANICAL PUSHER CENTRIFUGE
BY
FALGUN ENGINEERING ENTERPRISE

RANGE IN BOTTOM DISCHARGE CENTRIFUGE

The Bottom Discharge Centrifuge is basically a regular vertical basket centrifuge but has added advantage of mechanical removal of solids from the machine and thus saves lot of labour and time. It may be termed as semi automated for that purpose.

As with the regular centrifuge, these are used for solid —liquid separation and are available with various options and automation. Also there are other advantages compared to the normal centrifuge.

TECHNICAL DATA FOR ALL OUR MODEL OF 4 POINT SUSPENSION BOTTOM DISCHARGE CENTRIFUGE

<u>MODEL</u>	<u>UNIT</u>	<u>FFS-24</u>	<u>FFS-36</u>	<u>FFS-48</u>
BASKET DIA.	MM	610	915	1220
BASKET HEIGHT	MM	300	425	500
BASKET VOLUME	LTRS	50	160	240
BASKET OUTPUT	KG/BACTH	50-60	150-175	250-275
FILTRATION AREA	SQ. MT.	0.58	1.25	1.9
MAXIMUM SPEED	RPM	1450	1200	1100
MOTOR POWER	HP	7.5	20	30

MOC: - MSRL, SS 316, SS 316L, DUPLEX STEEL 2205



BOTTOM DISCHARGE CENTRIFUGE
BY
FALGUN ENGINEERING ENTERPRISE

RANGE IN MANUAL TOP DISCHARGE BASKET CENTRIFUGE

<u>TECHNICAL DATA FOR ALL OUR MODEL OF 3 POINT</u> <u>MANUAL TOP DISCHARGE BASKET CENTRIFUGE</u>			
<u>MODEL</u>	<u>UNIT</u>	<u>FFS-36</u>	<u>FFS-48</u>
BASKET DIA.	MM	915	1220
BASKET HEIGHT	MM	450	500
BASKET VOLUME	LTRS	160	240
BASKET OUTPUT	KG/BACTH	150-200	250-300
FILTRATION AREA	SQ. MT.	1.25	1.9
MAXIMUM SPEED	RPM	1150	900
MOTOR POWER	HP	10	15

MOC: - MSRL, SS 316, SS 316L, DUPLEX STEEL 2205



MANUAL TOP DISCHARGE BASKET CENTRIFUGE
BY
FALGUN ENGINEERING ENTERPRISE