

ELECTROMAGNETIC VIBRATORY FEEDERS

SAIDEEP's Vibrating Feeders offer unmatched flexibility & reliability, making them ideally suited for a number of applications & materials.



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ELECTROMAGNETIC VIBRATORY FEEDER

Saideep Vibrating feeders offer unmatched flexibility and reliability, making them ideally suited for a number of applications and materials. They are typically used in feeding, mixing, blending, batching, grinding, packaging, flaking, freezing and drying applications. Whether the material is hot or cold, dry or damp, light or heavy, these versatile units handle it with ease and efficiency.

With over multiple decades of experience, Saideep vibratory feeders are well known for their outstanding performance in bulk material handling. Our vibro feeders are tuned to maintain consistency and speed stability, thus delivering higher capacities at control feed rates. Other standard features include robust design, tuneability and the capability to work consistently under varying head loads.

Our vibrating feeders feature electromagnetic design, offering excellent durability and reliability. With no mechanical parts to wear out or require lubrication, downtime and maintenance are extremely rare, even under difficult or harsh environmental conditions.

Feed capacity ranges from a few grams to 200 tons per hour, based on material bulk density. Our standard feeders operate at 230 V 50 Hz, High power feeders operate at 415 V 50 Hz (Note: We also provide customized voltage & frequencies as demanded by the customer).

Material flow is easily adjusted with a vibro feeder controller. A wide range of standard and special controller arrangements are available to meet ones specific requirement.



Application Areas

- Conveying
- Mixing
- Kilns
- Packaging
- Color Sorter
- Hopper/Silo Unloading
- Weigh Hopper
- Crusher
- Feeding into Belt conveyors & Bucket Elevators
- Ball Mill
- Tube Mill
- Cooling
- De-watering
- Sieving & many more...



Industries Using

- Food
- Pharma
- Chemical
- Glass
- Concrete
- Steel
- Automotive
- Animal Feed
- Foundry
- and many more...





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Vibro Feeder Technical Specifications (Base Mounted)

Model	Drive Dimensions (mm)									Weight of Drive(Kgs)	Approx Power Consumption (watts)	Approx Current Input (Amps)	Max Tray Size (mm)		Feed Rate (TPH)
	A	B	K	M	D	E	F	C	ØH				Length	Width	
SFF-1	75	225	165	57	115	25	25	75	6	5	15	0.2	300	50	0.6
SFF-2	125	275	143	80	153	15	45	95	9	15	30	0.75	600	200	10
SFF-2.5	125	275	143	80	153	15	45	95	9	32	50	0.78	700	250	10
SFF-3	200	370	225	150	220	25	115	80	9	32	100	2.25	1000	300	7.5
SFF-4	265	390	190	195	270	30	127	100	11	64	180	4	1500	300	25

Note: Power Supply 230V/ Frequency 50 Hz. Please specify if different Voltage & Frequency is desired.

Vibro Feeder Technical Specifications (Suspension Mounted Design)

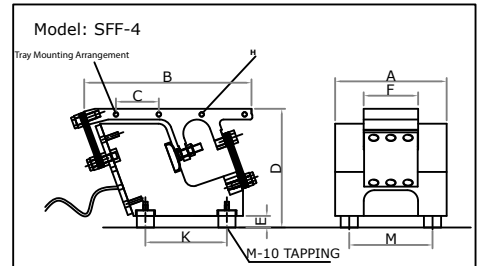
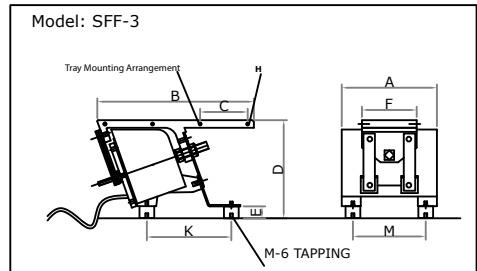
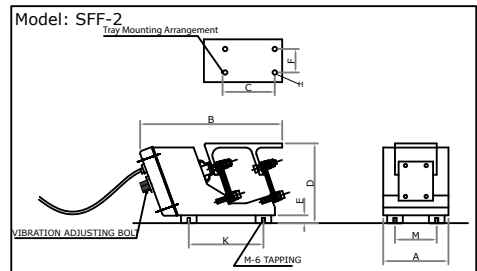
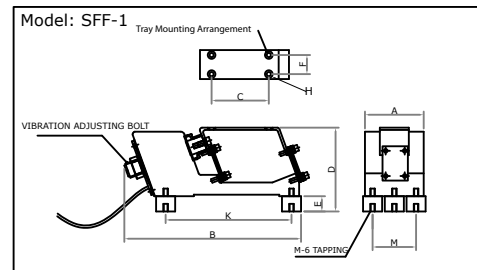
Model	Tray Size in mm (W x L)	Capacity per hour	Power consumption
		(for material with density 1500 kg/m ³)	
SDF-3	300 x 900	25 TPH	350 watts
SDF-4	500 x 1000	50 TPH	600 watts
SDF-5	600 x 1200	75 TPH	900 watts
SDF-6	750 x 1500	100 TPH	1200 watts
SDF-7	900 x 1600	125 TPH	1500 watts

Special HD Series

Vibro Feeder Technical Specifications (Suspension Mounted Design)

Model	Tray Size in mm	Capacity per hour	Power consumption
		(For material with density 1500 kg/m ³)	
SDF-3.5	500 x 1000	60 TPH	1000 watts
SDF-4.5	750 x 1100	100 TPH	1500 watts
SDF-5.5	900 x 1500	150 TPH	2100 watts
SDF-6.5	900 x 1500	200 TPH	2800 watts

We can manufacture any tray size of feeder to suit individual customer requirement.



Types of Trays available

- Pan Tray
- Screen Bed Tray
- Tubular Trough
- 'V' Tray
- Trays with Feed Hopper
- Grizzly Trough



OUR OTHER PRODUCTS

VIBRATORY EQUIPMENT

 <p>Vibratory Motor</p>	 <p>High Frequency Pneumatic Shutter Vibrator</p>	 <p>Pneumatic Vibrators</p>	 <p>Vibratory Screens</p>	 <p>Tumbler Screen</p>
 <p>Bin Activators</p>	 <p>Inline Vibro Screen</p>	 <p>Vacuum Sifter</p>	 <p>Linear Vibrating Screen</p>	 <p>Vibratory Conveyor</p>

ELECTRO-MAGNETIC EQUIPMENT

 <p>Vibratory Bowl Feeder</p>	 <p>Diamond Sorting Machine</p>	 <p>Electromagnetic Suspended Magnet</p>	 <p>Electromagnetic Impact Vibrator</p>	 <p>Electromagnetic Vibrating Table</p>
 <p>Electromagnetic Vibro Feeder</p>	 <p>Electromagnetic Vibrating Feeder</p>			

MAGNETIC EQUIPMENT

 <p>Drawer type Magnetic Grill</p>	 <p>Liquid Line Trap Magnets</p>	 <p>Bullet Magnet</p>	 <p>Suspension Magnet</p>	 <p>Over Band Magnetic Separator</p>
 <p>Wet Drum Magnetic Separators</p>	 <p>Magnetic Roll Separator</p>	 <p>Drum Type Magnetic Separator</p>	 <p>Deep Reach Magnetic Separator</p>	 <p>Magnetic Pulley</p>

*Technology That Lays
The Foundation Of Your Dreams...*



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