

Vibrating Equipments

Vibratory Equipment is used where vibration is needed to feed the material, screening of material and compact the material.

Gyratory Screen



Electro Flux is a gyratory screen manufacturer and gyratory screen supplier.

Gyratory screen motion is the most effective method for screening. This equipment is reliable, economical, and provides solutions to a variety of needs such as screening, sifting, classification, grading oversize or undersize removal de-dusting, de-watering, de-lumping, fiber recovery, filtration, pre-filtration, scalping etc., The Vibro screen is driven by a special type of vertically mounted, heavy duty and energy efficient Motor eccentric at the upper & lower end of the shaft.

Model No.	Screen Dia Mm	Screening Area Sq.Cm	Motor Hp
EFI - 01	600	1884	0.5
EFI - 02	900	2886	1.0
EFI - 03	1200	3768	2.0
EFI - 04	1500	4710	2.0/2.5

Unbalanced rotation of the top weight causes vibration in a horizontal plane whereas the rotation of lower weight causes tilts & vibrations in a vertical plane. By changing their lead angle, various spiral screening patterns are obtained to suit different applications.

Vibrating / Compaction Table



Electro Flux Vibratory Tables offer a fast, efficient and economical method for compacting a wide variety of materials - powdery, granular or flaky in boxes, drums or cartons. They are versatile and widely used for industrial applications to package, shock and fatigue test, and to make refractory blocks and concrete products denser. They can also be used as shakeouts for some foundry flasks and in concrete block industries.

Electro Flux Compaction Table is used to settle, compact and consolidate the material.

Features

- Standard vibrators offer adjustable frequency
- Variable force/speed control is an option
- Heavy duty roller conveyors take any load
- Air spring isolators for lifting mold boxes off the roller conveyor during vibration cycle

Furnace Charger



The vibrating furnace charger facilitates rapid and quick charging of the furnace, thereby allowing maximum utilization of the furnace. The vibratory furnace charger consists of a vibrating feeder mounted on a moving trolley with a storage hopper mounted above the feeder. The vibratory furnace chargers are comprised of the following parts – a vibrating feeder suitable for delivering the required capacity, a storage hopper of the required capacity, a moving carriage with driving arrangements, a control panel for operating the system and a cable reeling drum/cable drag chain (optional).

Bin Vibrator



Electro Flux Bin Vibrator Dischargers eliminate hopper flow problems including bridging by using vibratory action to improve bin flow and easily discharge any material.

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Model #	DIA	O.D.	I.D.	A	B	C	D	No. Of Hangers	T.E.N.V. HP
EF-BV-02	2'	26 1/2	23 1/2	16 1/2	22	2 1/4	15 3/4	4	1/2
EF-BV-03	3'	41 3/8	35 3/8	22 5/8	31 3/8	2 3/4	16 1/4	3	1 1/2
EF-BV-04	4'	53 1/4	47 1/4	29 1/2	35 1/4	4 1/8	22 7/8	4	1 1/2
EF-BV-05	5'	65 1/4	59 1/4	36 3/16	41 1/4	4 1/8	22 7/8	4	1 1/2
EF-BV-06	6'	79 1/4	71 1/4	43 1/8	49 1/16	3 11/16	27 13/16	6	3