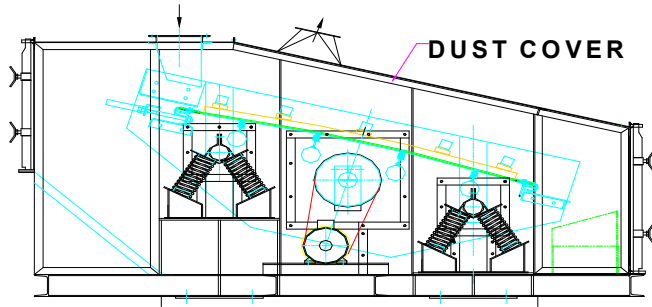


VIBRATING SCREEN



APPLICATION

To separate different sizes of
Coal, Bauxite, Lignite, Seeds,
De oiled Cake & Many Granular material

Information needed to quote

- + Size Analysis of Product
- + Separation Sizes required
- + Capacity in TPH
- + Bulk Density of material to be screened
- + Moisture content in the material

TYPE: Unbalance weight, Circular motion Type. Available in **Single, Double and Triple Deck** Following table different sizes of available of Vibrating Screen.

SCREEN SIZE	LENGTH	WIDTH	SCREEN SIZE	LENGTH	WIDTH
8 x 17	2360	800	12 x 30	3915	1200
10 x 20	2550	1000	12 x 40	5040	1200
10 x 25	3430	1000	14 x 40	4730	1400
10 x 30	3930	1000	16 x 30	4010	1600
12 x 25	3460	1200	16 x 40	4790	1600

FEATURES

- Body** : Made from thick MS plate, which can sustain continuous vibration. There are many pipes welded between two plates to increase its sturdiness.
- Screen Cloth** : Which usually made of Spring Steel conforming to IS 1675. though the life of screen is very high.
- Screen Stretching** : 4 to 6 Screws provided up to 2500 mm length of Screen. After that side Arrangement stretching is to be provided. Because of tight screen stretching arrangement no choking of screen cloth while running with full capacity.
- Vibrator** : Two unbalance weight are located on driving shaft, which will induce vibration. Vibrator is so designed that unbalance weight can be varied to set screen at required vibration. Shaft is made of carbon steel (C-45).
- Bearing** : Bearings are located in fabricated bearing housing, which will have labyrinth seals we are using Double Row Spherical Roller Bearing (223 Series).
- Springs** : Strong springs are to be provided to isolate vibration. Spring are made of Spring Steel Conforming to IS 1675. Which can last up to millions of frequencies.
- Dust Cover** : Which will be provided on demand with extra cost. (OPTION)

SYNAPSE ENGINEERING SERVICES

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