

Vibrating Screen

Vibrating screens are useful in efficient grading of coarse from the crushed materials. Vibrating screens are useful in efficient screening of gravels, crushed stones, sand, chemicals, minerals, slag, coal and any other bulk materials.



Arihant Inclined type vibrating screen are heavy duty designs & have simple construction to reduce down time & maintenance. They are particularly suitable to screen aggregate coal, minerals, fertilizers, Road gravel & other materials. The amplitude, Frequency of vibration & angle of inclination of these vibrating screens have been specifically chosen for efficient separation & high screening capacity. These vibrating screens are available standard in single, double, triple, four decks forms & are designed to accommodate all type of screenings surfaces. They can be supplied complete with the feed box to reduce impact wear of the first screen deck & to spread materials over full width of the screen.

Arihant vibrating screens are excited by means of heavy duty eccentric arrangement incorporating two large spherical roller bearings each of which is mounted on steel capsules, to facilitate their removal which in turn fits to a steel bearing housing rigidly clamped to the screen's side plates on an alloy steel shaft are mounted with adjustable counter weights which facilitate adjustment of screens amplitude. The bearings are interconnected by means of a spacer, made of robust steel tube. With the whole assembly being machined to very close tolerances to ensure trouble free assembly & operation. The steel cover over the spaces sufficiently protects spacer from wear. Lubrication is by means of grease & the bearings are adequately protected from dust.

Inclined type vibrator feed & produced an accurately size product in the shortest possible time.

Arihant screens inclination normally varies between 15 to 20 & can be installed with fixed angle as adjustable bracket arrangement. Speed of screen between 900 to 1000 R.P.M. Arihant vibrating screens can be supplied suitable for either floor mounting or alternatively over-head suspension to suit customer's plant layout. To minimize transmission of vibrating to the supporting structure, suitable coil springs have been incorporated.