

A sand sieving machine is designed to separate the particle according to their mesh size. The various size of coal, coffee powder, sand is separated by eccentric pendulum operated two-level screening machine. This fabricated with the help of parts like a handle, crank and slotted link mechanism, bearing, rail track, sieving box and a collecting box. Methodology The sand sieving machine is handily to construct and can be operated easily. The horizontal sieving machine is worked by eccentric pendulum mechanism. In many industries for Example the pharmaceutical, mining, food, etc. A number used to designate the size of a sieve, usually the approximate number of openings per inch. The size of openings between crosses wires of a testing sieve. When the collecting box moves in the reciprocating motion, the sieving process is performed. Fig. 1.