

Section - 5

Ans 3

Screening \rightarrow A screening drum or also referred to as trommel

screen or rotary drum screen is a machine for classifying, size splitting, and pre sorting waste in a waste management plant recycling plant or composed plant, A screening drum is application to nearly all kind of waste.

to offer different technique and waste screening systems to separate materials, thanks to our innovative technology we can also effects the removal of coarse. screening plants for the separation the our separator are available with different size of opening to allow the sieving of any type of segregable materials residual and its conveyance by the belt conveyor for further process.

The various screening equipment use of solid waste management \rightarrow the trommel screen.

a. trommel also known as a rotary screen

is a mechanical screening machine used to separate materials mainly in the mineral and solid waste processing industries, it consists of a perforated cylindrical drum that is normally elevated at an angle at the feed end:

there are various type of equipment following

1) Drum screens → A drum screen is a mechanically robust reliable and easy to use machine as it has only a few moving parts. Also the fuel consumption is low; making a drum screen choice for certain waste type it is best;

2) Vibrating Screens vibrating screens have rather limited and specific uses they are mainly used to screen aggregate in addition vibrating screens are rather expensive, they are not as reliable as other screening solution and they have a relatively high fuel consumption thus they does not have vibrating screen in it its products are better.

3.) Disc Screen \Rightarrow Disc screens are capable of screening almost any materials and they are particularly good for waste processing applications of disc screen as almost limits wood municipal solid waste (MSW) industrial and commercial waste.