



TROMMELSCREEN



INTRODUCTION OF TROMMEL SCREEN

- DUROMECH offers a range of trommel screens primarily for use in the Recycling and Solid Waste industries. Screens using full steel plate screen mediums available. Drives can be electric or hydraulic and the screens can be supplied with inlet feeders if required. We have a range of standard designs available and we will manufacture custom sizes and configurations according to your requirements.
- DUROMECH Trommel screens are highly efficient in the separation and processing of wood chips, top soil, compost, light demolition waste, domestic waste and aggregates. Their rotating drums roll larger pieces of material to allow all fines to flow down and through the trommel screen plates.
- DUROMECH Trommel Screens are ideal for screening bark and compost materials for use as landscaping and soil amendment products.

RANGE OF APPLICATION

MUNICIPAL & INDUSTRIAL WASTE :

Trommel screens are used by the municipal waste industry in the screening process to classify sizes of solid waste. Besides that, it can also be used to improve the recovery of fuel-derived solid waste. This is done by removing inorganic materials such as moisture and ash from the air-classified light fraction segregated from shredded solid waste, thereby increasing the quality of the product fuel.

MINERAL PROCESSING :

Trommel screens are also used for the grading of raw materials to recover valuable minerals. The screen will segregate minuscule materials which are not in the suitable range of size to be used in the crushing stage. It also helps to get rid of dust particles which will otherwise impair the performance of the subsequent machineries in the downstream processes.

OTHER APPLICATIONS :

Other applications of trommel screens can be seen in the screening process of composts as an enhancement technique. It selects composts of variable size fractions to get rid of contaminants and incomplete composted residues, forming end products with a variety of uses.



ADVANTAGES

DUROMECH TROMMELS HAVE THE FOLLOWING MAIN ADVANTAGES :

- I.** They are generally easy to maintain.
- II.** In terms of Efficiency: Duromech constructed trommel that is set up for peak operation are very efficient gold grabbers and helps in recovering extremely fine or flour gold in the micron range in a consistent manner.
- III.** Ease of setting up: They can be set up anywhere near the source of auriferous material, where water can be fed into the drum unit and there is a power source to operate the unit.
- IV.** Handles high volumes: It can be used for feed sizes including large rocks. And can be built to handle a huge range of capacities, which can be fed by a single individual with a hand shovel up to 500 cubic yards per hour.

DUROMECH

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