

Sand is used in construction, manufacturing and related industries. Sand needs to be filtered and separated from unnecessary stones and other large particles before it is put to use. This system is designed to do just that. The device is a fully-automated filtering and separator system that filters sand poured on it.

Features

- Motorised shaft that is mounted horizontally using mounts
- Shaft is connected to a filter frame with a mesh below and enclosing frame on the sides
- A rod is connected from the shaft to the filter frame to achieve the best horizontal motion
- A frame holds the filter frame in place
- Finally, the motor is operated using the motor controller circuit
- The sieve is a one-stop-shop for all sand filtering requirements



30 PROJECT

THE SAND SIEVE PROJECT

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