

State of art technology by global team of experts

The Apollo FINE Bar Screen is made with proven technology of upward & down ward movement of special shaped fine bar.

The machine is made up of two step-set fine bar, a mobile one and a fixed one.

These fixed & mobile bar are separated by a 3 or 6 mm spacing.

### Applications

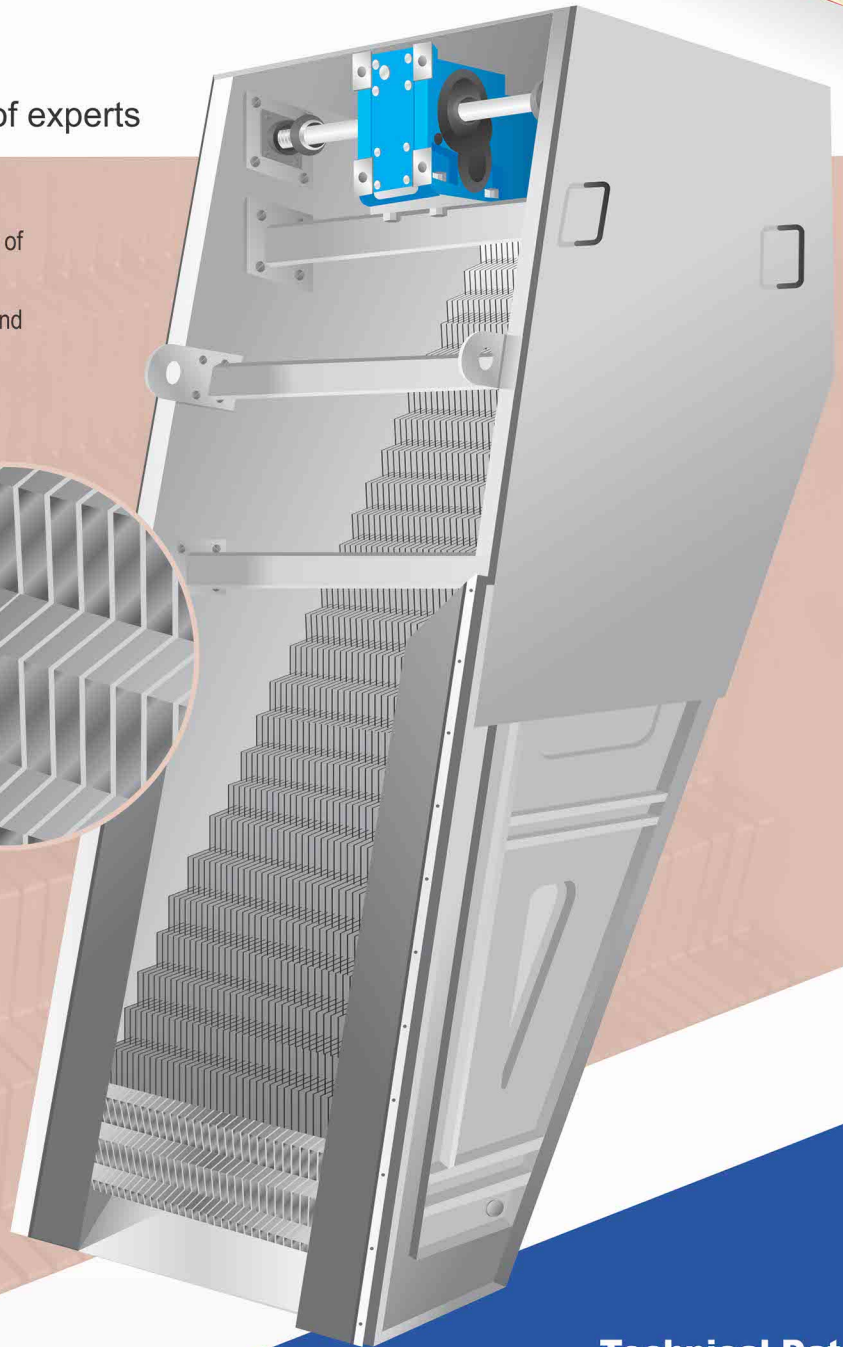
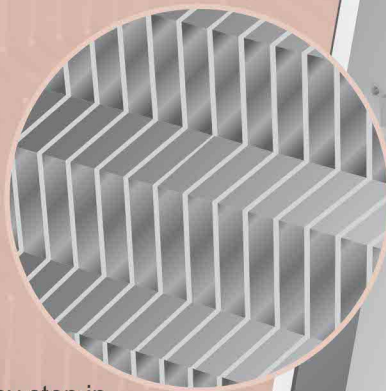
- ▶ Waste water treatment plant
- ▶ Industrial wastewater plant
- ▶ Effluent treatment plant
- ▶ For any kind of solid - liquid separation application

### Working Principal

- ▶ The mobile bar lift screening step by step in every working cycle & same material is put down on the fixed bar.
- ▶ During the cycle the mobile bar lift the screened material, and they put it down on the next step. Finally, the screened material is discharged on the higher extreme of the steps.
- ▶ The screen gets cleaned every time as it moves up

### Optional accessories

- ▶ Belt conveyor
- ▶ Screw conveyor with pressing unit

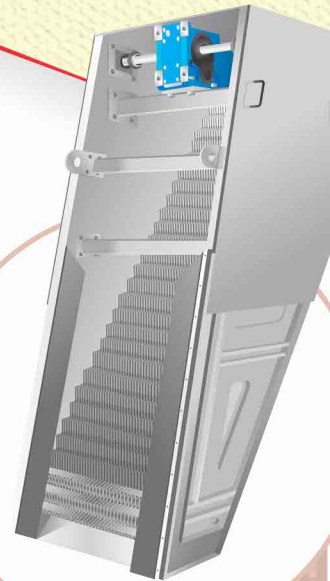


### Technical Data

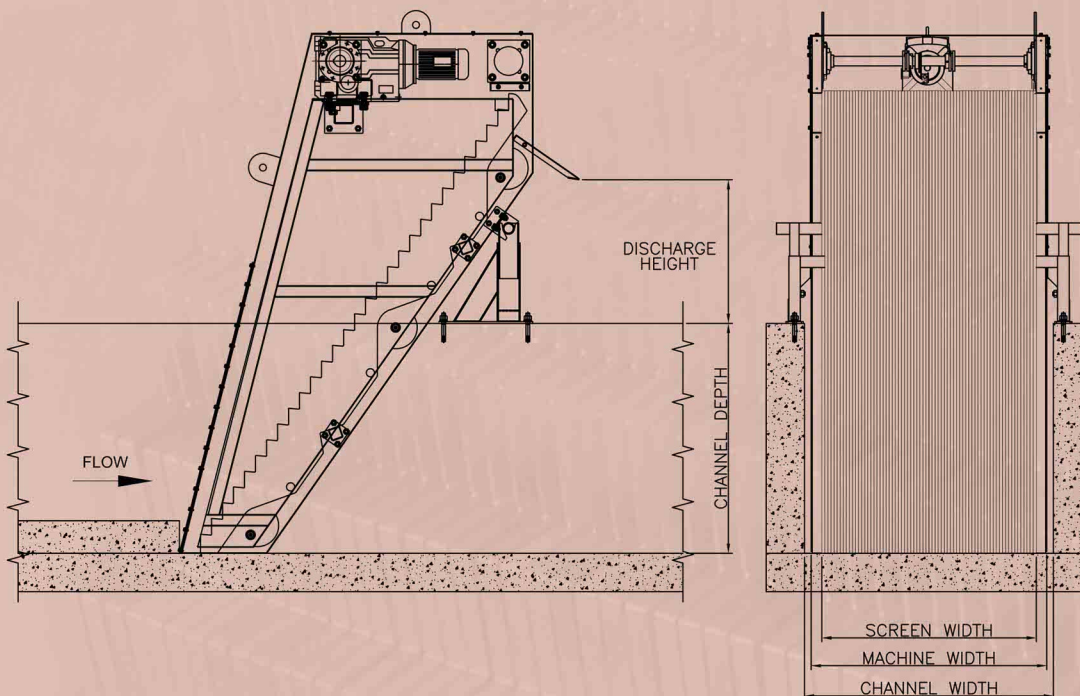
- ▶ Suitable to channel width: 400mm to 2000mm
  - ▶ Bar spacing: 3mm to 6mm
  - ▶ Inclination angle: 45 to 55 degree
  - ▶ Rigid stainless steel design
- ▶ Higher sizes available upon request
- ▶ 'ROTARY DRUM SCREEN' is also available

Apollo screens – A new venture by APOLLO GROUP, A renowned engineering house with strong image in its core business combines its engineering expertise, long term vision and ethical business approach with a global team of experts in design and manufacture of screens for wide range of applications.

Apollo screens unit –The plant & Critical Equipments are designed & manufactured by Apollo group having team of engineers who have hands on experience & technology base for these specialised machines. The plant is equipped with state of art technology based machines to produce finest quality screens with minimal tolerances to achieve excellent product quality.



### General Arrangement of Mechanical "FINE" Bar Screen



The Apollo Mechanical "FINE" Bar Screen is suitable for municipal, industrial wastewater treatment plant. The fixed bars & moving bars is fixed on a shaft by putting a spacer between these bars to generate the accurate opening. The upward movement of bars is provided by gear drive motor.



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