

JASH J - TYPE TRASH SCREEN

APPLICATION:

J-Type Trash screen is a manually cleaned coarse screening equipment used to prevent large and medium sized undefined floating wastes from entering into the intake structure of a pumping station.

CONSTRUCTION:

J-Type Trash screen comprises of flat bars spaced apart in horizontal direction and encompassed within a sturdy frame structure to form a unit that can be inserted in a vertical guide channel. The screen structure is provided with a perforated basket at its bottom and guide rollers on both the sides. The vertical guide channel extends up to the top of the platform so as to guide the upward movement of the J-Type trash screen to the platform level for manual cleaning. The height of J-Type Trash screen is kept such that it covers the specified water depth.

WORKING:

The J-Type trash screen moves within the vertical guide channel using rollers and has to be lifted up to the platform using a crane or suitable lifting device and then cleaned manually to remove the trash collected on it. Before removal of J-Type trash screen from its position for cleaning, stop logs or sluice gates should be lowered to shut off the flow to pump chamber. Alternatively two screens can be installed in series so that when one of the screen is brought out of the channel for cleaning then another can be lowered inside the channel to ensure that no unfiltered water passes through.

SPECIFICATION:

Bar spacing	20 mm (0.8") and above
Single piece width	Maximum up to 4,000 mm (160")
Single piece height	Maximum up to 5,000 mm (200")
Material of construction	Carbon steel / Stainless steel 304, 316, other materials on request



'J' Type Trash Screen for Kukrail SPS, Lucknow, India



Trash Basket with Drain Holes



Guide Roller Arrangement