

## JASH “ROTOBRUSH” SCREEN

### APPLICATION :

“Rotobrush” is a mechanically cleaned very fine screening equipment used to prevent fine sized floating wastes from travelling further into waste water treatment plants based on MBR or similar technology so as to prevent damage to the membranes. These are also ideal for effluent treatment plants of Food processing, Textile, Pharmaceuticals, Chemicals, Sugar, Breweries etc.

### CONSTRUCTION & WORKING :

“Rotobrush” screen comprises of a semi circular sieve made of plate with punched holes or equally spaced wedge wire bars and a rotating paddle to remove the screenings. The wastewater is fed through an inlet pipe from the side of the screen by pumping or by gravity. The waste bigger than the hole size or spacing between bars is retained on the inner surface of the sieve and the screened water flows downwards. The captured waste is then swept out by a rotating paddle and pushed out of the screen by a sweeping arm on to a bin or a trough or a conveyor for disposal.



### SALIENT FEATURES :

- Easy installation - “Jash Rotobrush” has a box type construction just to be placed on top of channel.
- Very low power consumption - A single motor of 0.37 kW.

### SPECIFICATION :

Wedge wire sieve size	0.5 mm to 1 mm (0.02” to 0.04”)
Sieve punched hole size	2 mm (0.08”), other sizes on request
Throughout capacity	up to 100 m <sup>3</sup> /hr with 2 mm (0.08”) round hole and 50 m <sup>3</sup> /hr with 0.5 mm (0.02”) wedge wire slot
Material of construction	Stainless steel 304, 316, other materials on request