

## DRUM ROTOSTRAINER

### How it works



- The sewage being treated is sent to a delivery tank which is built to ensure that the fluid is distributed over the entire surface of the filter drum.
- The particles contained in the sewage come into contact with the filtration cylinder, which, by rotating slowly, carries these outwards, where they are removed by a skimming blade.
- The filtered water passes inside the drum and out again through the bottom filter element, thus cleansing the filtering surface.
- In addition, the system includes a further internal filter drum washing stage using spray nozzles.
- The filter element is thus cleansed of any particles with every turn, ready for the next filtering cycle.

### How it is built

- The load-bearing structure of the filter is made entirely from AISI 304 stainless steel, with filtration cylinder and ramp equipped with spraying nozzles, skimming blade in anti-wear material, complete with collection tank and feet for floor anchorage.
- Geared motor with adjustable torque limiting device incorporated.
- Spacing available from 0,25 to 3 mm.



### Introduction

- Full stainless steel construction (AISI 304 or AISI316)
- Rigid design, maintenance free.
- High efficient reduction motor, energy saving.
- 15 years experience on manufacturing.
- ISO9001 qualification assurance.
- We also supply RBC, fine screen, coarse screen, static screen, compactor, scraper, sludge thickener, detritor, sand separator, penstock, etc..

**Selection Table** (black numbers are cubic meter per hour)

Bar spacing (mm)	0.25	0.50	0.75	1.00	1.25	1.50	2.00	2.50
<b>R20</b>								
<b>R40</b>	36	61	84	102	116	133	143	160
<b>R70</b>	63	111	148	185	209	233	251	263
<b>R100</b>	89	155	216	264	300	340	366	370
<b>R130</b>	115	206	275	344	387	435	467	480
<b>R190</b>	176	296	412	500	571	645	694	700
<b>R300</b>	320	550	770	980	1150	1300	1570	1720

### Overall Dimensions

Bar spacing	A	B	D	Ø E	Ø U	kg	kW
<b>R20</b>	700	530	320	60	70	75	0.18
<b>R40</b>	770	1300	720	100	150	245	0.37
<b>R70</b>	1070	1300	720	200	250	285	0.37
<b>R100</b>	1370	1300	720	200	250	325	0.37
<b>R130</b>	1670	1300	720	250	300	365	0.75
<b>R190</b>	2270	1300	720	300	400	450	0.75
<b>R300/90</b>	3750	1550	1250	350x2	400x2	650	1.50

Subjected to be changed, without further notice.

Dimensions in mm.