TIMEX
Filtration & Water Systems

Rotostrainers

flow rates	construction materials	filtration degree
up to **1.958 m³/h**	special alloys up on request	down to **150 micron**

It serves to solve the problem with regard to
removal and micro screening of solids from liquids

features:

- Easy operation and maintenance
- Self-cleaning mechanism of the filter drum makes it possible to treat also liquids which are difficult to screen

HOW IT WORKS

The sewage to be treated enters and is distributed in a tank which has the same width as the screening drum. The drum is made in a special trapezoid-section profile and, by rotating slowly, carries outwards the solids contained in liquids. By means of a skimming blade these solids are separated and removed from the drum, while the liquid enters first from the upper part inside the drum and out again at once from the lower part cleaned from possible solids.

HOW IT IS BUILT

• The bearing structure further to the collection tank and the skimming blade holder are in Stainless Steel.

• The filter drum is made in a special trapezoid-section profile wrapped in a spiral formation around transversal supports - Stainless Steel.

• The gear motor corresponds to the endless screw type. Helical gears that have adjustable limiting torque device incorporated with electric motor. Electric motor has IP 55 protection.

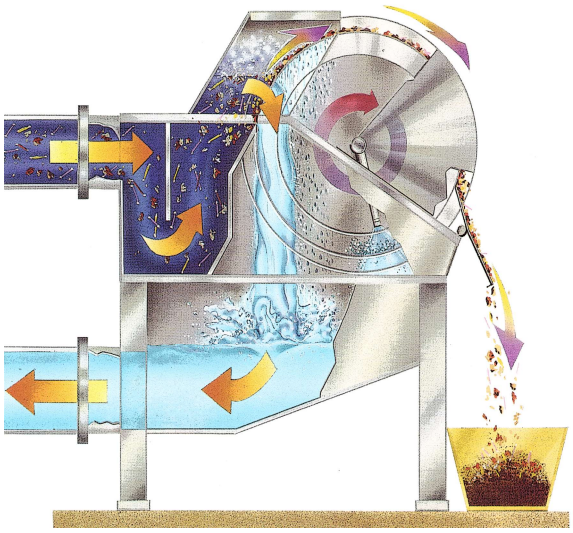


Figure shows the operating principles only, please do not refer for the design

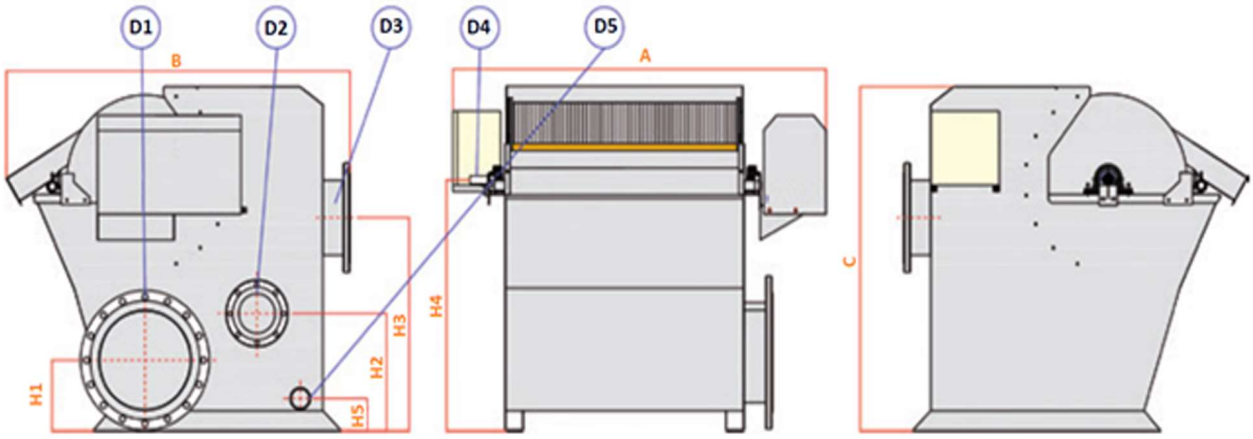
POSSIBILITIES OF USE

Civil discharges, cattle-breeding, slaghter-house, food-stuffs industries, processing of vegetables, fruits, meat, fish.

OPTIONAL

• Manufactured in special alloys
• Overflow incorporated in the feed tank
• Mobile skimming blade device for especially difficult applications (tanneries, slaughter-haouses and so on.)

DIMENSIONS AND FLOW RATES



Model	Drum Diameter (mm.)	Drum Lenght (mm.)	Power (kW / HP)	Max. Flow @ 2mm. Screen (m^3/h)	A (mm.)	B (mm.)	C (mm.)	Outlet		Overflow		Inlet		Cleaning		Drain	
								D1	H1 (mm.)	D2	H2 (mm.)	D3	H3 (mm.)	D4	H4 (mm.)	D5	H5 (mm.)
MDF-R 601	630	500	0,55	278	1.140	1.540	1.395	DN350	259	DN150	474	DN250	838	1"	1.015	3"	129
MDF-R 602	630	1.000	0,55	564	1.640	1.540	1.395	DN400	285	DN150	474	DN300	862	1"	1.015	3"	129
MDF-R 603	630	1.500	0,75	850	2.140	1.540	1.395	2 x DN400	285	DN150	474	2 x DN300	862	1"	1.015	3"	129
MDF-R 902	914	1.000	0,75	822	1.640	2.420	1.996	2 x DN400	305	Dn150	680	2 x DN300	1.179	1"	1.452	3"	154
MDF-R 903	914	1.500	0,75	1.465	2.150	2.420	1.996	2 x DN400	305	DN200	680	2 x DN400	1.179	1"	1.452	3"	154
MDF-R 904	914	2.000	0,75	1.958	2.650	2.420	1.996	2 x DN500	355	DN300	680	2 x DN500	1.229	1"	1.452	3"	154

** Please consult TIMEX to determine the right model according to your application specifications and flow rate.*

industry
Automotive, Aviation, Ballast treatment, Electronics, Food & Beverage; Mining, Oil & Gas, Petrochemical, Power Generation, Pulp & Paper

municipal
Potable Water, Waste Water, Desalination, Brackish Water, High rise buildings, Pre-filtration to Membranes

irrigation
Agriculture, Golf & Turf, Green Houses

aquaculture
Fish Farming, Recirculating Aquaculture Systems (RAS), Fish Processing Industry

Factory & Head Office

ASO 2 OSB, 2036. Street No : 12
Sincan / ANKARA / TURKEY

Tel: +90 312 815 52 46-47

Fax: +90 312 815 52 48

E-mail: info@timex.com.tr

www.timex.com.tr

TIMEX
Filtration & Water Systems