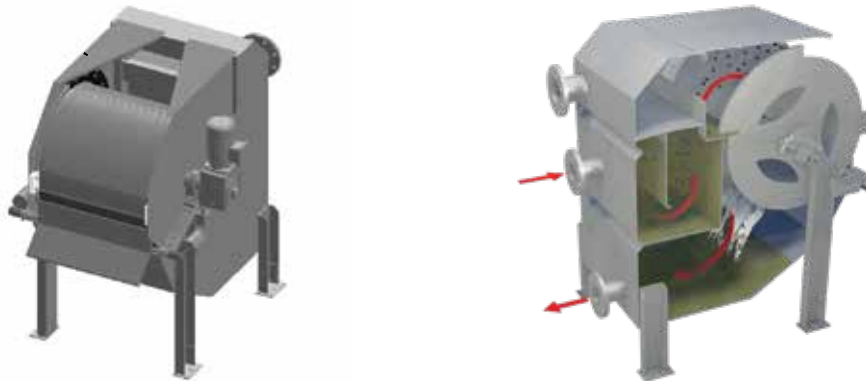


DRUM SCREEN



DRUM SCREEN

Rotary drum screen is used for solid removal from waste water and for protection of mechanical equipments following the serening unit. It is effective solid-liquid separation device with openings down to 0,25 mm. As the dimensions of solid to be retained decrease, cleaning of the surface becomes more important. The doctor blade ensures an efficient surface cleaning which is supplemented by the backwashing action provided by flushing nozzle system.



Drum screen consists of following main parts;

Drum

Wedge Wire type sieve surface with 0.25 mm - 2 mm openings are used for different applications. The drum is manufactured from stainless steel.

Doctor blade

It is the scraper mechanism of drum screen and manufactured from copper alloy for standart products, but polyethylene is also available upon request.

Counter weight

The distance of the blade arm to sieve surface and its pressure on the surface is adjusted by a counter weight.

Frame

It is the main structure of the equipment and made of stainless steel.

Inlet, outlet and overflow connections

Pipe, flanged and loose flanged ends are available.

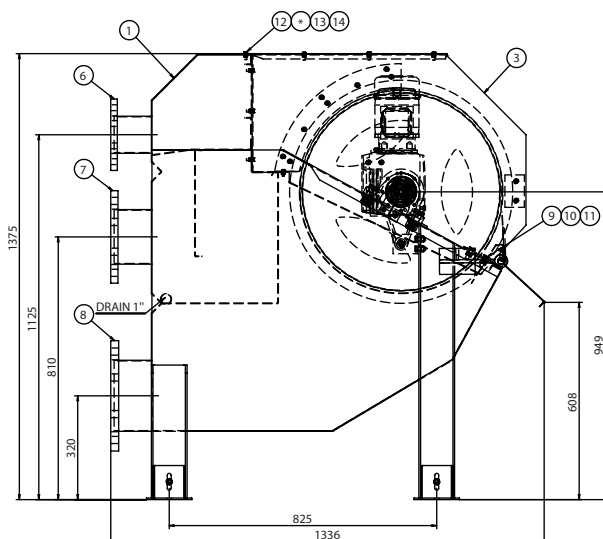
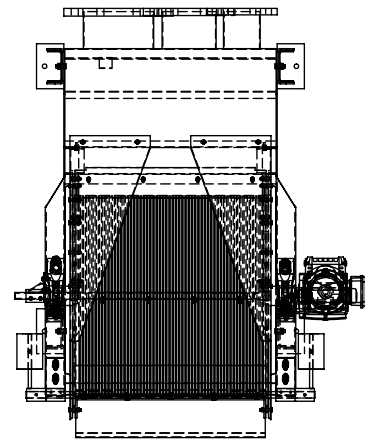
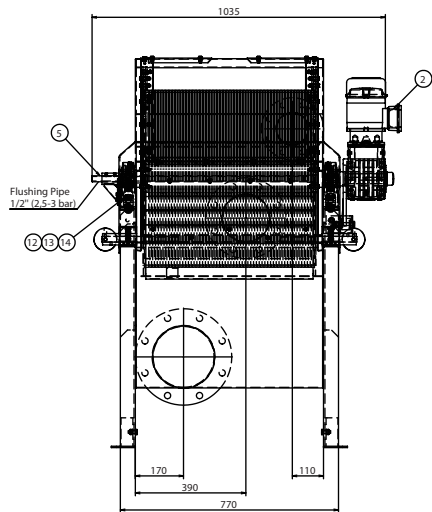
Drive unit

Drive system is consisting of a motor which has IP 55 class protection as standard and a gearbox to reduce motor output speed and supply suitable rotation for drum.

Capacities for clean water, m³/h

Opening, mm	R300	R450	R600	R750	R1000	R1250	R1500	R2000	R2500
0.25	28	42	56	70	95	120	140	190	240
0.50	45	68	90	115	150	190	230	300	380
0.75	62	90	125	155	210	260	310	420	520
1.00	80	120	160	195	265	330	380	530	660
1.25	96	140	192	240	320	400	480	640	800
1.50	108	160	215	270	360	450	540	720	900
2.00	120	180	240	300	395	495	600	790	990
2.50	125	190	250	310	415	520	620	830	1040

Model	R300	R450	R600	R750	R1000	R1250	R1500	R2000	R2500
Specification									
Screen diameter, mm	620	620	620	620	620	620	620	620	620
Screen length, mm	300	450	600	750	1000	1250	1500	2000	2000
Dimensions, mm	1375	1350	1350	1350	1350	1350	1350	1350	1350
	750	900	1050	1200	1450	1750	2200	2500	3000
	1375	1375	1375	1375	1375	1375	1375	1375	1375
	600	600	600	600	600	600	600	600	600
	810	810	810	810	810	810	810	810	810
	320	320	320	320	350	350	370	370	420
	1125	1125	1125	1125	1125	1125	1125	1125	1125
	825	825	825	825	825	825	825	825	825
	450	600	750	900	1150	1150	1650	2150	2650
	DN200	DN200	DN200	DN200	DN250	DN250	DN300	DN300	DN400
	DN150	DN150	DN150	DN150	DN200	DN200	DN250	DN250	DN350
	DN100	DN100	DN100	DN100	DN100	DN100	DN100	DN100	DN100
	180	180	170	180	200	260	320	500	680
	180	315	390	405	530	660	780	1030	1280
110	110	110	110	110	110	110	110	110	
Motor power, kW	0.25	0.25	0.25	0.25	0.25	0.37	0.37	0.37	0.37
Weight empty, kg	136	145	156	165	165	196	212	244	285



No.	Pcs.	Designation, Sizes, Standart Specifications	Material
1	1	BODY	AISI 304
2	1	SCREEN	AISI 304
3	1	COVER	AISI 304
4	1	DOCTOR BLADE	AISI 304
5	1	FLUSHING SYSTEM	AISI 304
6	1	FLANGE DN100 (PN10)	A2
7	1	FLANGE DN150 (PN10)	A2
8	1	FLANGE DN200 (PN10)	A2
9	4	HEX BOLT M10x30 (DIN 933)	A2
10	4	SPRING WASHER A10 (DIN 127)	A2
11	4	HEX NUT M10 (DIN 934)	A2
12	12	HEX BOLT M6x20 (DIN 933)	A2
13	12	SPRING WASHER A6(DIN 127)	A2
14	12	HEX NUT M6 (DIN 934)	A2

MENA WATER

OUR AIM - YOUR CONFIDENCE



MENA WATER FZC

P.O. Box: 120881, D3-11, SAIF Zone

Sharjah, United Arab Emirates

Tel.: +971 6 5575507

Fax: +971 6 5575508

E-Mail: info@mena-water.com

www.mena-water.com

MENA WATER GmbH

Industriepark Erasbach A1

92334 Berching, Germany

Tel.: +49 8462 201 390

Fax: +49 8462 201 239

E-Mail: info@mena-water.de

www.mena-water.de



Member of

**German Water
Partnership**



Member of **HUBER** Group
TECHNOLOGY
WASTE WATER Solutions