



Delivering Clean Water Solutions



MDS

Internally fed rotary drum screen separating solids from liquids for use in municipalities and industry.

- durable Unibody™ stainless steel construction
- custom woven wire screens slide easily into place
- energy efficient, chain drive system for dependable service and long term use

The Baycor Advantage

Simplicity of design and exceptional maintenance free performance are the hallmarks that make Baycor products the premiere choice in wastewater treatment equipment around the world.

Our proprietary technology assures the highest possible return on investment in the efficient separation, processing and remediation of sludge delivering cleaner water into your system.

But, don't take our word for it. Here's what our clients have to say:

Zenon Environmental Inc. has been purchasing internally fed rotary drum screening systems from Baycor for over 5 years. We have used these screens in both full-scale wastewater treatment plants as well as in a number of research and development activities. In all cases, the systems have performed as required or better with next to no downtime. Overall we are greatly satisfied with the performance of Baycor systems and their support.

FEATURES

BENEFITS

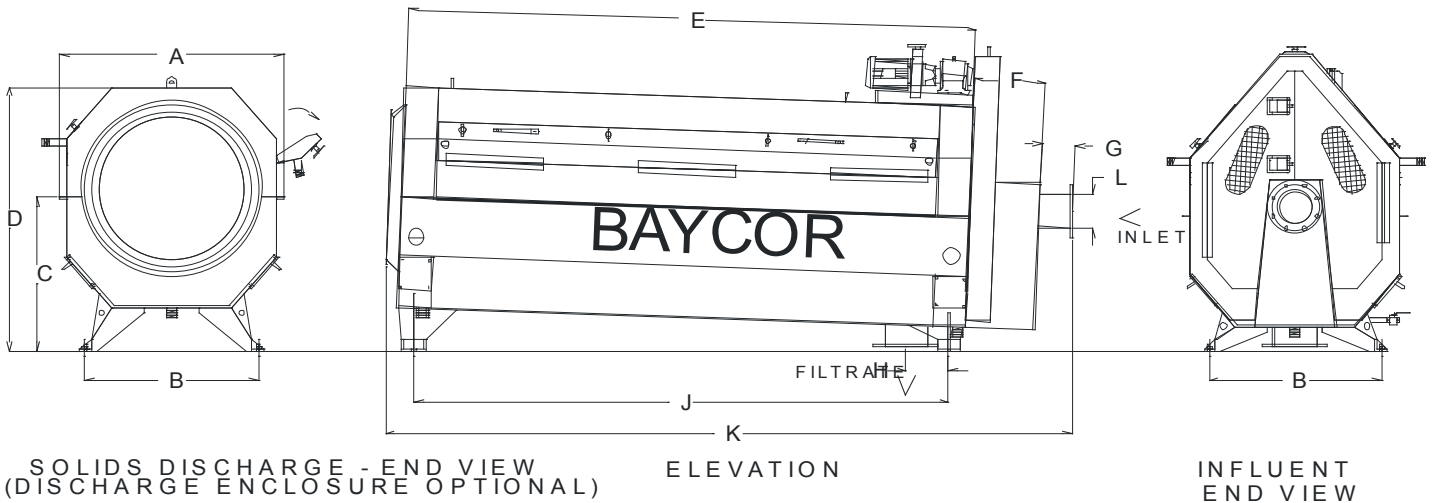
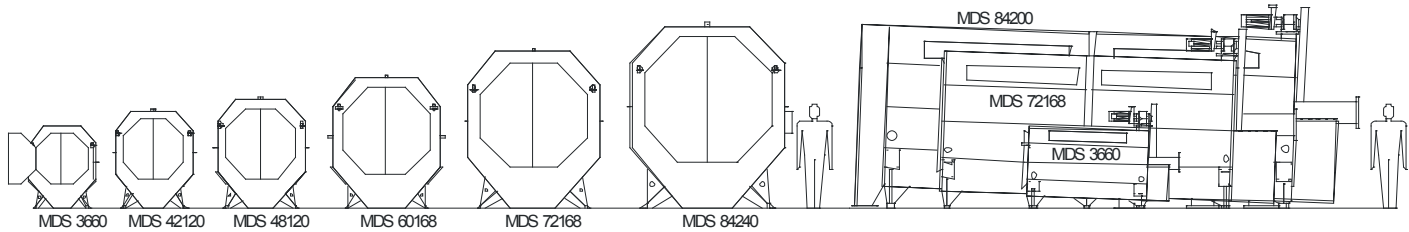
Internally fed rotary screen	Increased surface screening area for more efficient separation of solids and waste matter
Unibody™ stainless steel construction	Superior structural integrity for longevity of use Minimal maintenance required Body serves as collection pan requiring less parts
Patented designed head box	Introduces influent flow evenly across screen media
Media is independent of the drum	Faster, less costly exchange of replacement screens Significant savings in maintenance and upgrades Reduced down time
Slide in interchangeable screen panels	Adaptable to multiple screen tasks throughout your system as low as 17 microns Fast, smooth, and easy changing of screen media Lower cost to maintain with significantly less labor
Variable speed chain drive	Greater reliability using "off the shelf" service parts Flexibility to customize rotation speed to suit any application from 3 to 10 rpm.
Custom spray-back wash system	Programmable cycle (with manual over-ride) efficiently flushes screen media for next use Uses standard 35-45 psi water line eliminating the need for any booster pumps
Baycor designed drum drive wheels	Precision performance for fine tuning screening to specific requirements 100,000 hr. bearings provide smooth, long life



MDS Rotary Screen

Delivering Clean Water Solutions

Product Specifications



Model Specifications Chart

Model	A	B	C	D	E	F	G	H	J	K	L	M	HP	EMPTY	LOADED
MDS 2460	37.5	25	22.5	40.5	72	10.25	4	4	95.5	95.5	6	22.5	0.5	1100	1400
MDS 3660	48	36.5	32.75	56.75	80	14.5	6.75	6.75	72	104	8	32	1	2200	4600
MDS 4272	55.5	42.5	37.5	65	92	17	8	8	84	12	8	36	2	3000	6000
MDS 42120	55.5	42.5	38.75	66.75	140	17	8	8	132	175	8	36	2	4000	7000
MDS 42168	55.5	42.5	40.5	69	194	17	8	8	186	230	8	36	3	5000	8500
MDS 48120	62.5	48.5	42.75	75	140	17	8	10.5	132	172	8	40.5	3	4200	7500
MDS 48168	62.5	48.5	44.5	77	140	17	8	10.5	186	230	8	40.5	3	4500	8000
MDS 6096	77.25	60.75	50	116	116	10	3	12	107	132	12	49.5	2	4000	7000
MDS 60120	77.25	60.75	50	90	140	24	11.25	12	132	171	12	49.5	3	5300	9000
MDS 60168	77.25	60.75	52.5	92.5	194	24	11.25	12	186	232	12	49.5	5	6800	10800
MDS 72168	92	73	60.50	108.5	194	29	13.5	15	186	241	14	58	5	8600	12600
MDS 72200	92	73	62	110	230	29	13.5	15	220	292	14	58	7.5	10200	15000
MDS 84168	106	85	68	124	198	29	13.5	15	188	248	14	67	5	9800	16000
MDS 84200	106	85	70	125	230	29	13.5	15	220	292	14	67	7.5	13400	24000
MDS 84240	106	85	71	126.5	273	29	13.5	15	263	336	14	67	7.5	15600	34800
MDS 96240	116	96	75	130	273	29	13.5	15	263	336	14	72	7.5	17000	38000

Note: Dimensions given in inches - empty/loaded weights in lbs.